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THE

THREE VOYAGES OF MARTIN FROBISHER.

M.DCCC.LXVII.

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THE

THREE VOYAGES OF MARTIN FROBISHER.

M.DCCC.LXVII.

ALBERT BROWN



ALBERT BROWN, BORN 1840

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THREE VOYAGES

OF

MARTIN FROBISHER,

IN SEARCH OF A PASSAGE TO

CATHAIA AND INDIA BY THE NORTH-WEST,

A.D. 1576-8,

1576-8

Reprinted from the First Edition of Hakluyt's Voyages,

WITH SELECTIONS FROM

MANUSCRIPT DOCUMENTS IN THE BRITISH MUSEUM
AND STATE PAPER OFFICE.

BY

REAR-ADMIRAL RICHARD COLLINSON,

C.B.

LONDON:

PRINTED FOR THE HAKLUYT SOCIETY.

M.DCCC.LXVII.



MARTINUS FROBISHERUS, EQVES AURATUS.

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УРАДУ
КОМУНІСТАЧЭКАГА ДУ
УТВАРВАН

132(5)1

TO

HENRY GRINNELL, ESQ.,
OF NEW YORK,

THIS EDITION OF MARTIN PROBISHER'S THREE VOYAGES IN SEARCH
OF A PASSAGE TO CATHAIA BY THE N.W.

IS DEDICATED,

AS A TRIBUTE OF RESPECT AND ADMIRATION,

NOT ONLY FOR HIS CORDIAL AND GENEROUS CO-OPERATION

IN THE SEARCH FOR SIR JOHN FRANKLIN AND HIS COMPANIONS,

BUT ALSO FOR THE

INTEREST HE HAS SHOWN IN, AND THE AID HE HAS AFFORDED TO,
POLAR EXPLORATION IN THE PRESENT DAY,

BY HIS OBEDIENT SERVANT,

RICHARD COLLINSON.

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INTRODUCTION.

FIVE years after the discovery of America by Columbus, the English, baffled in their attempts to reach Kathay by the N.E., turned their attention in another direction, and on the morning of the 24th of June, 1497, Newfoundland was discovered by John Cabot. Thus began those series of memorable voyages which have been continued, unto our day, with but short interruption, until the northern seaboard of the American continent has been perfectly discovered. The annals of these Arctic voyages have been read and re-read, published and re-published, evincing the deep interest which generation after generation has taken in these touching records of skill and daring, perseverance and long-suffering; and well may we turn to them with pride and pleasure, exhibiting as they do such proof of that spirit of maritime enterprise which always has been Great Britain's boast and glory.

In the year 1500 the discovery of the Cabots was followed up by Gaspar de Cortereal, in two ships from Lisbon, and attention was attracted to the value of the fisheries on the coast of Newfoundland, and in 1504 small vessels from Biscay, Bretagne, and Nor-

mandy resorted thither for this purpose. In 1506 Jean Denys drew a map of the Gulf of St. Lawrence; and in 1517 no less than fifty Spanish, French, and Portuguese ships were employed in this fishery. In 1527, R. Thorne of Bristol (who assisted the Cabots in the equipment of their vessels for the first voyage) sailed with two ships for the discovery of the N.W. passage, but was never after heard of.

In 1534 Jacques Cartier sailed from St. Malo with two ships, and explored the Gulf of St. Lawrence. In 1536 an attempt was made by one hundred and twenty Englishmen to form a settlement on Newfoundland, but they suffered the extremity of famine.

In 1548 the English fishery on the American coast had become an object of national importance and legislative encouragement.

The result of these discoveries was published to the world in Gerard Mercator's *Mappe Monde*, in 1569; and as this date will bring us to the period when we are told (see p. 70) "Captaine Frobisher began first with himself to devise and then with his friendes to conferre, and layd a plaine platte unto them that that voyage was not only possible by the Northweast, but also, as he coulde prove, easie to bee performed," this will be the place to describe the arrangement which has been adhered to in this edition of Frobisher's voyages. The text is taken from the first edition of Hakluyt's voyages (1578), in the Grenville library at the British Museum, an extremely rare book, with two maps, to be found in only one other copy. On the requisition of our President, and by the kindness of

the gentlemen in charge of the manuscripts at the British Museum and at the public Record Office, access has been obtained to several important documents hitherto unpublished, and which have been arranged previous and subsequent to the several voyages to which they refer. George Beste, the author, served in the second and third voyages; and in his preface to the first voyage will be found a curious account of the knowledge of the world at that period, which will greatly interest those who are not already familiar with Hakluyt's volumes.

I am indebted to Mr. W. B. Rye, of the British Museum, for the following account of the expenses of the first voyage, which is abstracted from the report of the Commissioners on the Public Records, folio, 1837.

The amount of subscription to the first voyage amounted to £875.

Bill for Maps and Nautical Instruments.

	£	s.	d.
Paid for a book of cosmographie in French of Andreas Thevet	2	4	0
Paid to Humphry Cole and others—			
For a greate globe of metal in blanke in a case	7	13	4
For a great instrument of brasse named Armilla Tolomei or Hemisperium	4	6	8
For an instrument of brasse named Sphera Nautica	4	6	8
For a great instrument of brasse named Compassum Meridianum	4	6	8
For a great instrument of brasse named Holometrum Geometricum	4	0	0
For a great instrument of brasse named Horologium Universale	2	6	8
For a ringe of brasse named Annulus Astronomicus	1	10	0
For a little standing level of brasse	0	6	8
For an instrument of wood a stafe named Balcestetta	0	13	4

	£	s.	d.
For a very great carte of navigation	5	0	0
For a great mappe universall of Mercator in prente	1	6	8
For three other small mappes prented	0	6	8
For 6 cartes of navigation written in blacke parch- ment whereof 4 ruled playne & 2 rounde	2	0	0
For a Bible Englishe great volume	1	0	0
For a cosmographical glasse & castell knowlege	0	10	0
For a new World of Andreas Thevett Englishe & French	0	6	8
For a Regiment of Medena (Spanishe)	0	3	4
For Sir John Mandevylle (Englishe)	0	1	0
For 20 compasses of divers sorts	3	3	0
For 18 hower glasses	0	17	0
For a astrolabium	3	10	0

The following drugs shew the contents of a ship's medicine chest in Queen Elizabeth's reign:—Ambra Grisi oriental, Cibetti, Masche oriental, Agallorbi, Ligne Aloes, Rubarbi agarisi, Turpenti, Dragridii, Cipri India, Turmerick, Calam aromatica, Irios, Galanga, Myrrha fine, Mastichus, Argenti viti, Ladderi, Aumne Gomme, Oppoponax, Oppen, Alloes, Bellzonica, Styrax Calmuc, Myrobboralia chebue Bellerichi, Indioru citrini, Ledorja, Spica Nardi, Cardamomi, Ligne Rhode, Colucuthes, Magarite, Boli oriental, Lapis Lazuli, Cantatri Citemi, Corralina, Coralli Rubili, Borax, Camphora, Castorium.

Among the payments made by Michael Lok for the furniture of the first voyage the following occur—

For bote hyre of Mr. Furbisher following his bussyness alle this tyme	10	10	0
Paid to Ducke upholster for beddinge for Mr. Captayne Frobiser	3	16	5
Paid for a bottell of aquavite for Mr. Frobiser paid it to his manne Borrowes	0	10	0
Paid to Mr. Frobiser on accompte as followithe for beare and breade at launchinge of the <i>Gabriell</i> and for maryners dyners then	0	19	0
Paid to Nicholas Cooke for aquavite 3 hogsheds paid to Anthonye Duffilde bruer	13	18	0

Paid for v tonne of beare at 42s. bought of my Lord Admiral by Arthur Pett	10	10	0
Paid to Mr. Frobiser at divers tymes for his paynes takeing on this voyage & his endeavor untill his retorne which was paid to clere him out of Eng- land one the voyage	80	0	0
Paid for divers implements of household necessarye for the shippes furniture as followithe :—			
For a great kettle pan brasse with yron ball'	0	18	0
For a great bassone of brasse to bake one	0	6	8
For a bakinge pan of yron with cover	0	2	8
For a chaffinge dish of brasse	0	4	0
For a skimer of brasse	0	1	4
For a greate potte of yron for meat	0	6	8
For a little pane brasse with handle yrone	0	1	4
For a tryvet yrone	0	1	4
For ij fringe panes	0	5	0
For a drippinge pane yron	0	2	0
For a grydyron	0	1	0
For ij spyttes	0	3	4
For a payre of potte hokes	0	0	8
For a slyse of yron	0	0	8
For a fleshoke of yron	0	0	8
For ij hokes yron flat	0	0	8
For a clever great choppinge knyfe of yron	0	1	6
For iij wooden platters Muskovia painted	0	1	6
For a great bassone or ewar of pewtar	0	6	8
For iij pynte bottles of beare & wyne	0	5	4
For a saltesellar of pewtare	0	1	0
Summe of all the said charges of furnytire of the said shippes outwardes coste as followithe :—			
For implements howshold	8	11	0
For wages of men	213	17	0
For instrumentes of navigatione	50	14	0
For vyttelles	387	14	10
For ordonans munition	100	8	4
For tackeling of shippes	172	5	6
For buydinge the shippe <i>Gabriell</i> & the pynace (newe)	152	0	4
For the shippe <i>Mickael</i> with furnitur of her bought	120	0	0
Somme outwardes of shippinge...£	1205	11	8

In the State Papers subsequent to the first voyage will be found—Michael Loks account of his connection with Captain Frobiser, p. 87; Mr. Lockes discours touching the eure, p. 92; and an account of the cost provision, together with the names of the venturars in the second voyage, p. 103.

The subscriptions for the second voyage amounted to £5,150. The expedition consisted of 143 persons, viz., 36 officers and gentlemen, 14 mynars and fynars, 64 mariners on board the *Ayde*, 16 in the *Michael*, and 13 in the *Gabriel*.

The account of the second voyage will be found at p. 117. The collection of State Papers subsequent to the second voyage contains, among other things—The bryefe account of the expenses of the second voyage, and the names of the venturars, p. 164; the trials of the ore, p. 170.

The third voyage was undertaken upon a much larger scale, consisting of the ships *Ayde*, *Michael*, *Gabriel*, and *Judith*, belonging to the Company, together with nine other ships hired for the voyage, and arrangements were made for Captain E. Fenton, with one hundred men, to establish a fort at Meta Incognita. The ships brought home 1,296 tons of ore, which were deposited at Dartford, and considerable works seem to have been carried on there in smelting and refining the ore.

The State Papers relative to the outfit for the third voyage contain—A proportion of the charges for a thyrd voyage, p. 209; the inventorie of the ship *Ayde* (a curious document describing her rig and furniture), p. 218.

The third voyage commences at p. 225. The State Papers subsequent to the third voyage relate principally to the difficulty experienced in collecting the subscriptions, pp. 319-321 ; Mr. Lok's accounts and the answers thereto, pp. 325, 326, 332 ; all the stock of the venturers in all the three voyages, p. 358 ; the abuses of Captain Furbisher against the Company, p. 359.

On the conclusion of the third voyage, when it was discovered that the ore would yield no return, Messrs. Neale and William Baynham were appointed, by letters dated August 12th, 1580, and May 6th, 1581, to audit the accounts. This report recapitulates the names of all the subscribers for the three voyages and the buildings at Dartford. The subscriptions for the three several voyages amounted to £20,345, of which the Queen advanced £4,000. In the account of the property of the Company it is mentioned that Thomas Allen received of Captain Frobisher two ingots of fine gold, weighing 9 pennyweights 8 grains, and two ingots of fine silver, weighing 7 ounces 18 pennyweights, which said gold and silver proceeded of the melting and working of four cwts. of the ore brought from Meta Incognita in the second voyage. That of the foresaid workes done at Dartford in the melting and refining 16 tonnes of ore whereof proceeded 210 ounces of fine silver mixed with gold, which was delivered to Richard Young.

Amongst the assets of the Company is stated to be at Dartford 1,300 tons of ore remaining, valued at £13 : 6 : 8 per ton = £1,733 : 6 : 8. No further information can be collected respecting the ore, but it is

“De Martini Forbisseri Angli Navigatione in regione occidentis et septentrionis. Narratio Historia ex Gallico sermone in Latinum translata por Joan. Tho. Frugium Noribergæ in off. Catharine Gerlachen.” 1580, 8vo.

This is the first Latin edition of Frobisher's second voyage.

“Historia navigationis Martini Forbisseri Angli Prætoris sive Capitani A.C. 1577 ex Anglia in septentrionis et occidentis tractum suscepta ephemerides sive diarii more conscripta et stilo triennioque post ex Gallico in Latinum sermonem a J. T. Freigio translata Hamburgi sumptibus J. Naumanni.” 1675, plate, 4to.*

It appears that the account of the voyage was also translated into Italian, as in Lowndes' *Biographical Manual* there is the following:—“Scopimento dello Stretto Artico et de Meta Incognita dar Geo. Lor. Anania.” Naples, 1582, 8vo.

In the *Restituta*, by Sir Egerton Brydges, vol. ii, will be found “A Rythm Decasybillical upon this last luckie voyage of worthie Captaine Frobisher,” of which the following are the first and third verses:—

I.

“Through sundrie foming fretes and storming streightes,
That venturous knight of Ithac's soyle did sayle;
Against the force of Syren's caulmed heightes
His noble skill and courage did prevaile.
His hap was hard, his hope yet nothing fraile;
Not ragged rocks, not sinking sertes or sands,
His stoutness stayed from viewing foreign lands.

* I am indebted to our Vice-President, the Right Hon. Sir David Dundas, for the loan of a copy of this curious volume, as well as for references, which have assisted me greatly in drawing up this account. Ed.

III.

“ A right heroical heart of Britaune blood,
Vlysses' match in skill and martial might,
For Princes fame and countries special good,
Through brackish seas where Neptune reignes by right,
Hath safely sailed in perils great despite.
The golden fleece like Jason hath he got,
And rich returned saunce losse or lucklesse lot.”

ABRAHAM FLEMING.

In conclusion, I have to acknowledge the assistance and ready help which I have received from Mr. R. H. Major of the British Museum, whose knowledge, not only of what was required, but where it was to be obtained, has been of the greatest service to me in preparing this edition.

SIR MARTIN FROBISHER, KNT.

“A most valourous man, and one that is to be reckoned amongst the famousest men of our age for counsell and glory gotten at sea.” Camden, 3rd edition, 1635, p. 433.

THE following account of the life of Sir Martin Frobisher has been derived from Fuller's *Worthies*, Camden, Campbell's *Lives of the Admirals*, Barrow's *Naval Worthies of Queen Elizabeth's Reign*, *Notes and Queries*, p. 478, June 11th, 1859, *History and Antiquities of Doncaster*, by Dr. Miller, and MS. papers in the British Museum.

Dr. Miller says—“It appears that Francis Frobisher* was mayor of Doncaster in 1535, and was probably the father of Martin. Unfortunately, the parish register does not commence the baptisms until 1558. However, I have found the baptism of several of his relations, viz.: 1561, May 30th, Christian, daughter of William Frobisher; 1564, March 2nd, Darcy, son of the same; 1566, March 18th, Matthew, son of the same; 1567, Jan. 18th, Elizabeth, daughter of the same. In Manerser's *Account of Yorkshire Families* it is stated that the father of Sir Martin Frobisher resided some time at Finningley; his mother was daughter to Mr. Rogers of Everton. His grandfather Wil-

* *History and Antiquities of Doncaster.*

liam married Margaret, daughter of William Boynton, of Burmston, Esq. His great great grandfather, Francis, was recorder of Doncaster, and married Christian, daughter of Sir Brian Hastings, Knt."

Campbell, in his *Lives of the Admirals*, tells us that his father bred him to the sea, but we have little account of his early years.

In the State Paper Office (*Domestic, Elizabeth*, vol. xl, June 11th, 1566) there is a paper entitled Examination of Martin Frobisher, of Normanton, co. of York, on suspicion of his having fitted out a vessel to go to sea as a pirate; and there is little doubt but that he was engaged on a voyage to Guinea about this time.

Campbell continues—"He distinguished himself first by undertaking the discovery of the north-west passage, wherein he had no success; yet it gained him great reputation, as he discovered a new promontory or cape, which he called the Queen's Foreland. In 1577 he undertook a second expedition, and in 1578 a third, in all which he gave the highest proof of his courage and conduct in providing for the safety of his men, and yet pushing the discovery he went upon as far as it was possible; so that, notwithstanding his disappointment, he still preserved his credit in spite of a little accident, which would certainly have overturned the good opinion entertained of a less esteemed commander."

Among the State Papers (*Domestic, Elizabeth*, cxlvi, 1580) there is a grant to M. F. (Martin Frobisher) of the office of clerk of H.M. ships; and in the same series, vol. cli, 17, 1581, is a petition of Isabel Fur-

busher, complaining that Capt. F. (whome God forgive) had spent all the money left her and her children by Thomas Ruggat, her first husband. It is however to be hoped that he was not long in getting over the difficulties occasioned by the failure of the north-west ore, for we find him in 1585 commanding the *Primrose* as vice-admiral, Sir F. Drake being admiral in the *Elizabeth Bonaventure*, in the fleet that was sent to the West Indies, when the booty brought home was £60,000 and two hundred pieces of brass cannon; and there is no doubt that in this expedition he must have added to the reputation which he had already gained, for when the country was threatened with invasion by the Spanish Armada, the Lord High Admiral, in writing to the Queen, says—"Sir F. Drake, Mr. Hawkins, Mr. Frobisher, and Mr. T. Fenner are those whom the world doth judge to be men of the greatest experience that this realm hath." Hoisting his flag on board the *Triumph*, one of the largest ships in the navy, he, in company with Sir F. Drake in the *Revenge*, and Sir J. Hawkins in the *Victory*, made the first attack on the Spaniards, and took an important part in each of the actions which led to the dispersion of the Armada, and therein did such excellent service, that he was among the number of the few knights made by the Lord High Admiral on that signal occasion.*

* A.D. 1588. Stowe's *Annals*, p. 1255. Upon Friday therefore, being the 26 of the moneth of July, ceasing from fighting, the Lord Admiral (as well for their good deserts and honorable service, as also to encourage others to the like valor) was desirous

He then appears to have remained in the *Triumph* to watch the Narrow Seas, as several documents in the State Paper Office prove the exertions which were made to provision the fleet under Sir M. Frobisher. In 1590 he commanded an expedition to the coast of Spain and the Islands, and in 1592 he took charge of the fleet fitted out by Sir Walter Raleigh; and though he had but three ships, yet he made a shift to burn one rich galleon and to bring home another. In 1591 the King of Spain sent 3,000 troops to the neighbourhood of Brest, where they had taken up a strong position. Queen Elizabeth being applied to for assistance, ordered a squadron to be prepared under the command of Sir Martin Frobisher, and in the course of the operations against Fort Crozon, addressed him the following characteristic letter:—

“Elizabeth R.

“Trustie and welbeloved, wee greet you well: wee have seen your letter to our Threasuror and our Admirall, and thereby perceive your love of our service, also by others your owne good carriage, whereby you have wonne yourself reputation; whereof, for that wee

to advance certaine personages to the degree of knighthood, for that, behaving themselves manfully, as well with their ships as their good advice, they were worthie that degree of honor, and so much the more worthie in that, being farre separated from all courtly favour, which manie times imparteth the chiefest honours unto the least deserving men, they declared their valour in the eyes of either fleet.

Therefore the two Lords, viz., the Lord Howard and the Lord Sheffield, Roger Townesend, John Hawkins and Martin Frobisher were called forth, and the order of knighthood given them by the Lord H. Admirall as their generall.

imagine it wil be comfort unto you to understand, wee have thought good to vouchsafe to take knowledge of it by our owne hande writinge.

“Wee know you are sufficiently instructed from our Admyrall, besides your owne circumspection, howe to prevent any suddaine mischeife by fire or otherwise upon our fleete under your charge ; and yet do wee thinke it will worke in you the more impression to be by ourselfe againe remembred, who have observed by former experience that the Spaniards, for all their boaste, will truste more to their devices than they dare in deed with force look upon you. For the rest of my directions, we leave them to such letters as you shall receive from our Counsaile.

“Given under our privie signet at our mansion of Richmond the 14th of November, in the thirty-sixth yeare of our reigne, 1594.

“L. S.

“To our trustie and welbeloved

“Sir Martine Furbussher, knight.”*

This letter can only have reached him on his return to Plymouth after the fort was taken, when Campbell tells us, “The garrison defended themselves bravely till such time as Sir Martin landed his sailors, and desperately storming the place, carried it at once, but with the loss of several captains. Sir Martin himself received a shot in his side, and this, through want of skill in his surgeon, proved the cause of his death, which happened at Plymouth within a few days after his return.”

* Cottonian MS., Otho, 2, 9.

The following letter to the Lord High Admiral must have been written fourteen days before his death.

“Englan[d].—My humble dutie my honorable good L[ord] the viith [of this] mounth by a batterie, undermininge and a verie dan[gerous] assault wee have taken this fort with the losse [of] of our people but non of any accoumpt. They [defended] it verie resolutlie. And never asked mercie. S[o] [they] were put all to the swoord savinge five or six th[at] hid themselves in the rockes, many of them were slaine [with] our Cannonn and greatt ordenaunce in defendinge o[f the] breach with there Captaine one Perithos:

“It was tyme for us to goa through with it for Don [John] is advanst within six leagges of our armie with a[n] intente to have succoured them. Sir John No[rris] doth rise this daie and doth march towarde th[em] to a place called old Croydon :—

“Wee are about to gett in our ordenaunce as fast as w[e] can and so to make our repaire homewardes. Sir J[ohn] Norris would willinglie have some five hundred of [the] sayllers for his bettar streight against the da[ie] of meetinge with don John w[hi]ch I would verie willinglie have don yf we had vittles to contin[ent all] our fleett heare for the tyme :—

“I was shoott in with a bullett at the battrie alongst [the] huckell bone. So as I was driven to have an ins[ision] made to take out the bullett. So as I am neither [able] to goa nor ride. And the mariners are verie unwi[llinge] to goa except I goa with them myselfe: yett [yf] I find it to come to an extremitie we will [try] what we are able: yf we had

vittles it were [verie] easilie done but heare is non to be had. I ha[ve sente] accordinge to you' honours derections tow shipp[es to] Plymouth and Dartmouth, we most presentlie s[aile] away yf they come not to us with vittles :--

“This bearer is able to certiffie you' honours [with] all thinges at large. So with my humble p[rayers] to the Almyghtie for you' increasse in hon[our].

“Croydon this viiith of Novembre, 1594.

“Your honours most h[umble]
“to comande

“Mr. Mondaie arived the xxviiiith of Octobre at Breste and brought with him a thousand crownes for our vittlinge the which was distributed amongst the shippes.

“MARTIN FROOBISER.”*

In the register of St. Andrew's parish, Plymouth, 1594, there appears the following :—

“Nov. 22nd. Sir Martin Frobisher, knight, being at the fort built against Brest by the Spaniards, deceased at Plymouth this day, whose entrails were here interred, but his corpse was carried hence to be buried in London.”

“Thus fell,” says Camden, “a man of undaunted courage, inferior to none of that age in experience and conduct, or the reputation of a brave commander.”

Fuller, in his *Worthies of England*, says he was “verie valiant, but withal harsh and violent† (faults

* Caligula, E ix, Pars i, f. 206.

† In the State Paper Office, Domestic, Elizabeth, ccxix, August 10th, there is the following evidence of unbecoming words

which may be dispensed with in one of his profession), and our chronicles loudly resound the signal service in '88 for which he was knighted."

Camden, in the third edition, 1635, p. 433, thus speaks of him :—"Neither was this victory gotten by the English without blood, very many valliant souldiers being slaine, and Sir Martine Foubisher hurt with a small shot in the hip, who, when he had brought back the fleet to Plimmouth, dyed, a most valorous man, and one that is to be reckoned amongst the famousest men of our age for counsell and glory gotten at sea, as by the things which I have before spoken plainly appeareth."

Campbell concludes thus :—"He was one of the most able seamen of his time, of undaunted courage, great presence of mind, and equal to almost any undertaking, a true patriot, yet in his courage blunt, and a very strict observer of discipline, even to a degree of severity, which hindered his being beloved."

spoken by Sir Martin Frobisher against Sir Francis Drake, calling him a cowardly knave and traitor.

STATE PAPERS PREVIOUS TO THE FIRST
VOYAGE.

- I. NOTE OF NAVIGATIONS HERETOFORE ATTEMPTED.
- II. A DISCOVERY OF LANDS BEYOND THE EQUINOCTIAL.
- III. A DISCOURSE CONCERNING A STRAIGHTE TO BE DISCOVERED
TOWARDE THE NORTHWESTE.
- IV. A REPLY TO THE ABOVE DISCOURSE.

STATE PAPERS PREVIOUS TO THE FIRST VOYAGE.

[*Colonial*, No. 21. *Domestic*, cvi, No. 77. *Eliz.*, 1575 ?]

A NOTE OF CERTAYNE NAVIGATIONS HERTOFFORE ATTEMPTED FOR THE DISCOVERIE OF A PASSAGE THROUGHE THE STRAIGHTES OWT OF THE NORTHE SEA INTO THE SOUTH SEA.

IN the countrey of America towards the northe, aboute the sixtie degree, there is an elbowe of a land lying verie farre into the sea, which is called the head of Laborer. And on the southe side there is a verie broade bay lying towards the weste, and of suche a breadth that it semeth, bothe in the verie entry and after, to be a greate sea, ffor yt lyeth oute aboute three or foure hundred myles, and hathe verie many ilandes, and all the yere throughe there are in the same huge heapes of ise, which bay is called Dumdendas.

Anno 1496. In the yere of our Lord 1496, in the reigne of kyng Henry the Seventh, Sebastian Cabotte, who afterward was chieffe pilot of Spayne, was sent oute of England by the said king, with two shippes, to fynd oute the passage oute of the Northe Sea unto the South, that the way into the countreys which are called Mangi Sepango and Cataya might be opened; which Sebastiane Cabotte, going furth on his voyage by the coastes of the ilandes, that so he might come into America about the sixtie degree, found greate mountains of ise and ilandes covered with snowe in the moneth of Julie when he was but under the sixtie degree onlie towards the north, which countrey, finding contrary to his expectacion, he went round aboute, and beholding so greate abundance of ise, was in doubtte that he should find any waye, and therefore returned into England again, which hilles of ise there growe because dyvers rivers of sweete waters round downe from either side of the promontory which is not of the salte sea water; ffor this is to be noted, that the sea it self never freesethe. This daylie experience which we have by the shippes which yerelie go oute of England into Moscovia teacheth us whiche in the somer season retorne from thence into England in fyve monethes space. At which tyme of the yere oure countrey men fynd no suche ise or snowe there. Althoughe they passe under the 72 or 73 degree which is xij. or xij. degrees nerer the Pole than Cabot was.

Anno 1500. Moreover, in the yere of our Lord 1500, one Gaspar Cortesreales, a pilot of Portingale from the northe parte of America was in these ilandes with two shippes, and brought with hym from thence threescore captyves or slaves.

But to find oute the passage oute of the North Sea into the Southe we must sayle to the 60 degree, that is, from 66 unto 68. And this pas-

sage is called the Narowe Sea or Streicte of the three Bretheren; in which passage, at no tyme in the yere, is ise wonte to be found. The cause is the swifte ronnyng downe of sea into sea. In the north side of this passage, John Scolus,¹ a pilot of Denmerke, was in anno 1476.

The southe side also of this passage was found of a Spanyard in anno 1541, who, travayling oute of Newe Spayne with a certain band of souldiers, was sent by the vice roy into this coaste; who, when he was come to this coaste, found certain shippes in a certain haven which came thither oute of Cataya laden with merchandise, having in their flagges hanging oute of the foeshippes certain burdes paynted called alcatrizæ. The mariners also declared by signes that they came oute of Cataya into that port in xxx. dayes.

[*Lansdowne MS., C., fol. 142-6.*]

A DISCOVERY OF LANDS BEYOND THE EQUINOCTIAL.

1. The matter hit selfe that is offred to be attempted.
2. That hit is feisible.
3. What meanes we haue commodiously to attchiue yt.
4. The Commodities to grow of hit.
5. An awnswere of suche difficulties and matters as maie be objected.
6. That there is no injurie offred to any Prince or countrey, nor any offence of amitie.
7. The offer for performinge therof withoute her Majestie's chardge.
8. Matters thought vpon to be praied for her Majestie's good allowance of the Enterprise and direction of the proceedinge, alwaies both referring the particularities therof to further consideration and to your Lordships' advice and judgement.

1. The matter hit self that is offered to be attempted.

The discoverie, traffique and enioyenge for the Quenes Majestie and her subiectes of all or anie landes, islandes and countries southwardes beyonde the æquinocstial, or where the Pole Antartik hathe anie elevation above the Horison, and which landes, islandes and countries be not alredie possessed or subdued by or to the vse of anie Christian Prince in Europe as by the charts and descriptions shall appere.

2. That hit is feisible.

The seas and passage, as farre as Bresill and Magellanes streight and the Portugal's navigations to the Moluccas, which all doe lie beyonde the zona torrida, beinge ofte and dailie passed bie these nations and knowen to oure owen mariners doe shew hit possible. And the more for

¹ The person here referred to is the Polish pilot John Szkolny, whose name is misspelt Scolvus by Wytfliet (*Descript. Ptol. Augmentum*, Lovanii, 1597, p. 188); Pontanus (*Rerum Danicarum Historia*, Amst., 1631, p. 763); and Horn (*Ulyssæa*, Ludg. Bat., 1671, p. 335). He was, as here stated, in the service of Christian II, King of Denmark in 1476, and is said to have landed on the coasts of Labrador, after passing Norway, Greenland, and the Friesland of the Zeni.

that the landes which we seke lieng not onelie beyonde the said zone, but also beyonde the course of the Portugalls saylynge, and approachinge more to the Pole, from the æquinocstial draweth stytle more to the temper of Englonde and the knowen regions of Europe.

3. The meanes that we haue to attchiue hit.

Ships of our owen wel prepared.

The weste contrie lienge the apteste of all partes of Englonde for navigation southewarde.

Marriners and sailers to whome the passage as most thither is knowen.

The good and welcome commodities that from Englonde shalbe caried to that people, who, lienge in the temper of Englonde and other partes of Europe, cannot but lyke well of clothe wherin we most habounde, and the transportation wherof is most necessarie for our people at home.

4. The commodities, etc.

The enlarginge of Christian faithe which those naked barbarous people are most apte to receiue, and especiallie when hit shal not carie with hit the unnaturall and incredible absurdities of papistrie.

The grete honor to her Majestie to have encreased the faith and her d[ominions].

The aptnes and, as hit were, a fatall convenience that since the Portugall hath attained one parte of the newefounde worlde to the Este, the Spaniarde an other to the Weste, the Frenche the thirde to the Northe, nowe the fourthe to the southe is by God's providence lefte for Englonde, to whom the other in tymes paste haue bene fyrste offred.

The encrease of the nauigation of Englonde, of which commoditie, both for welthe and saffetie, enoughe can not be saide.

The lyklihoode of bringinge in grete trespure of gold, sylver and perle into this relme from those countries, as other Princes haue oute of the lyke regions.

The enrichinge of the relme with all other sortes of commodities that the same landes doe beare, which are lyke to be infynite and had with small price and for the onelie fetchinge; and accordinge to the diversyties of clymes, yt is moste lykeli that the manifolde diversytie of commodities wilbe fownde and muste nedes habunde, for that by traffique and exportance they haue not hitherto bene wasted.

The settinge of our idle and nedie people to worke and providinge for them bothe in the travaile of the navigation and the worke of clothes and thinges to be caried thither.

The avoydinge of discommodities and perills that we be nowe subiecte vnto, when the welthe and worke of our lande and people dependethe partlie vpon the will of our skante trustie neighbours for ventinge our clothes and commodities.

The abatinge of the prices of spices and suche commodities that we now haue at the Portugals and Spaniardes handes, wherby they encrease their riches vpon our losse, when much spices and suche lyke here

spente and bought deare of them do with the lesse quantitie consume the vallew of our clothes that they receiue.

The encrease of the quantitie of golde and sylver that shalbe brought oute of Spaine hit self into Englonde when the commodities cominge oute of Spaine, becominge this waie cheper, and so lesse countervailing the vallew of our clothes caried thither, the ouerplus shal come more plentifulle hither in treasure.

That we shall receiue lesse of spices and suche commodities from Spaine havinge them from elsewhere: and so the more of the retourne of our commodityes from them in gold and sylver, which nedes muste be a grete commoditye when at this daie receyvinge muche of our spices and southerne wares from Spaine and at dere prices: yet the sylver brought from thence is said to be the chief furniture of her Majesties mynte.

5. Answer to the difficulties, etc.

The passage of the *whote* [*hot*] clyme or zona torrida. This hath bene passed vi tymes by Magellans. The zona torrida is yerlie in everie voyage of the Portugalle to the Moluccæ passed iiij tymes, and everie voyage of the Spaniards to Brasyle hit is passed twice. Sondrie of our owen nation and some suche as are to goe in these voyages haue passed hit to Guynie, Brasyle and other places.

The Portugals whole navigation to the Moluccæ, besydes his iiij tymes in everie voyage passinge vnder the æquinoctial, liethe whollie nigh the same lyne.

The contries that we seke soe lie that our course continueth not nere the lyne, but crossinge the same, styll hasteth directlie to the temper of our owen regions.

5. The perils of the Portugals or Spaniards violence that shall envie our passage. Our strengthe shalbe suche as we feare hit not, besydes that we meane to kepe the Ocean and not to enter in or nere any their portes or places, kepte by their force.

The dispeopling of Englonde. It is no dispeoplinge. The people abounde as appereth by the nomber greter then can welbe provided for: and the dailie losse by execution of lawe, and no evill pollicie to disburthen the land of some excesse of people.

The wastinge of marriners and furniture of shippinge. It is the encrease of marriners and the skylfulleste sorte and the provisyon of shippinge as by the ensample of Spaine and Portugall, and the Frenche is sene who haue by meanes of their traffique to the Indies and the Newfoundlande a grete number of grete ships more then ere that tyme they had or could set on work.

The absence of merriners and shippinge in farre voyages when we maie nede them at home. This reason is generall against all navigation to forren partes which yet is the verie true defense of the relme.

And in all these reasons is to be noted that none are to passe without her Majestie's permission, and as to her heighnes and her counsell from tyme to tyme shall apere mete to be spared.

6. That there is no injurie, &c. ;

The Ffrenche have their portion to the northwarde directlie contrarie to that which we seke.

For the places alredie subdued and inhabited by the Spaniard or Portugall we seke no possession nor interest. But if occasion be free frendlie traffique with them and their subiectes which is as lawfull as muche wythout iniurie as for the Quenes subiectes to traffiques as merchants in Portugall or Spaine hit self.

The passage by the same seas that they doe, offringe to take nothing from them that they haue or clayme to haue ; is not prohibited nor can be without iniurie or offense of amitie on their parte that shall forbyd hit.

The voyages to Guynea and traffiking in Mexico and in the verie places of the Spaniards possession hathe in the president of Hawkyngs voyage bene defended by her Majestie and counsell as frendlie and lawfull doenges ; much more this which is but passinge in the open sea by them to places that they nether hold nor knowe. Besyde that not onelie trafyke but also possession, plantinge of people and habitation hathe bene alredie iudged lawfull for other nations in suche places as the Spaniardes or Portugals haue not alredie added to ther possession. As is proved by her Majesties most honorable and lawfull graunte to Thomas Stucle and his companie for terra Florida. Also the Ffrenche mens inhabitynge in Florida and Bresile, who albeit they acknowledge the Pope's authoritie in suche thinges as they grant to perteine to him, yet in this vniuersall and naturall right of traffique and temporall dominion they haue not holden them bounde by his power ; but do expounde his donation to the Spaniardes and Portugals either as a matter not perteyninge to the Pope's authoritie, or at leste not byndinge any other persons princes or nations but the Spaniards or Portugals onelie, who onelie submitted themselues, and were parties to the Pope's judgment in that behalf.

7. The offre for performinge, &c.

The gentlemen that offre this enterprise shall at their charge and adventure of them selves and suche as shall willinglie ioyne themselves to their companie performe the whole voyage at their owen chardges and toward the same shall set forward iiij good ships, wherin they will emploie v. Mll., viz., 2,000ll. in shippinge and furniture, 2,000ll. in victails and necessaries for the companie, and one 1,000ll. in clothe and merchandise fytte for the people ; wherwithe we truste hit wilbe atchived. And afterward as God shall prospere or sende occasion they will at their owen charge pursue the same.

8. Matters thought vpon, &c. :

That her Majestie wilbe plesed to give her letters patentes to the authors and fellowship of this voyage in nature of a Corporacion.

That hit will please her Majestye in the same letters patentes to [put] wordes of her good allowance and lykinge ef their good meaninge [and]

add suche franchise and priveledge as in this case is requisyte [and] in the lyke hathe bene graunted.

That hit will plesse her Maiestie by the same letters patentes to stablishe some forme of gouernance and authoritie in some persons of the companie of this adventure so as by some regimete, obedience, quiet vnitie and order maie be preserved.

That hit will also plesse her Majestie to give her Highnes speciall letters bothe of testimoniall that these adventures be her h[ighnes] subiectes enterprising this voyage with her favore and also her letters of commendations to all princes and peoples for their lovinge and favorable enterteinment and traffique.

That some speciall rules and orders suche as the companie shall thincke mete to be kepte emongste them maie be confirmed by her Maiesties authoritye, and further supplie of lyke ordinances to be made from tyme to tyme by the gouerners of her Highnes, to be appointed for the direction of the voyage; for the agreement and obedience of the parties, for the contribution and charge, for the equallitie and partytion; and severallie orders to be appointed by her Majestie for the stablishinge of her Majesties domynion and amitie in suche places as the shall arrive vnto, where the same shalbe to be donne, and for the rate and trew answering of her Majesties portion. These thinges brieflie at the fyrste we haue thought mete to exhibite to your honore, who are hable therof to judge muche better then we are hable to shewe. Howbeit yf your l[ordship] shall not be satisfied in anythinge concerninge this matter, hit maie plesse you to assigne the same, that w[e] maie attende upon you wythe suche resolucion as we can give therin.

[Lansdowne MS., C., No. 4.]

A DISCOURSE CONCERNINGE A STRAIGHTE TO BE DISCOVERED
TOWARDE THE NORTHWESTE, PASSINGE TO CATHAIA AND
THE ORIENTALL INDIANS, WITH A CONFUTACION OF THEIR
ERROUR THAT THINKE THE DISCOVERYE THEROF TO BE
MOSTE CONVENIENTLYE ATTEMPTED TO THE NORTHE OF BAC-
CALAOS.

Consideringe Groynelande is well knowen to be an ilande, and that it is not conioyned to America in any parte, there is no cause of doubtte but that upon the northe of Baccalaos the seas are open and no straightte to be there discovered, neither was it ever doubtedt but that America was an ilande if it were not ioyned with Cathaia. So that the straightte is there and not upon the Baccalaos to be fownde. And this is also by Sebastian Cabottos navigacion to be moste manifestly approved, who saillinge to the northweste of Noua Francia founde the seas open many daies saillinge, till by the mutynie of the mariners he was caused to retourne.

This straighte that disioynethe Asia and America of Gerardus Mercator and other moderne cosmographers is called the Straighte of Anian, and liethe by their descriptions at the leaste northweste. So that from Inglonde it is not lesse then 200 grades distaunte.

Now let vs consider which were the more conveniente waie to discover the said straighte, either passinge vnder the congeled Artike circle, for so highe the maine of America rechethe, or by passinge the straighte of Magilianus to ascende from the equinoctiall alonge the westerne course of that Atlanticall Ilande, as Plato semethe in his Timæo to terme it.

The which shall the better appeare if the comoditie and discomodities of the one and the other be compared.

First therefore of the southerne voiadge, the discomodities are only these :

The lengthe of the jorneye and the crossinge twise of Zona Torrida.

The lengthe of the jorneye is easilie examined, considering Magilianus Straite is not above 120 grades distaunte from the west of Inglonde, and from this straighte to Anian Straighte, as they are by cosmographers supposed, are not so many grades more, so that the vttermoste of that voiadge is not above 240 grades sailinge. By the other northerne passadge we shall, as is before shewed, be enforced to saile 200 grades in longitude and in latitude 10 grades at the leaste to ascende to the climate of the Baccalaos, northerne Cape, and then 10 degrees more descendinge to the supposed place of Anian Straighte. So that there differ not betwene these courses above 20 grades in true computacion. It wilbe obiected that the grades in the one are acompted in circle of position which are equal to grades equinoctiall, and in the other by grades of paralelle not 30 grades distaunte from the pole, so that althoughs in number of grades they smally differre, yet in quantitie the southerne voiadge is farre the greater. Heere I awnswere, true it is that the degrees of the equinoctiall differ in quantitie from the degrees of a paralelle in 60 grades of latitude, for so is the paralelle that is like in the northerne navigacion to be passed, and the difference is exactlie to be knowen ; and by supputation the proportion is fownde dupla, every grade of the one beinge doble in quantitie to a degree in the other, so as the one voiadge maie be truly saide to be doble to the other at the leaste. But consideringe that in discoverye of newe unknowen seas I muste neither beare stiffe saile by nighte ne yet in the daie when fogges or mistes shall happen (which in these partes are almoste continuallye) wheras contrarywise in the other, passinge altogether by seas knowen and alredy discovered, even till we come to the straighte soughte, I nede not refuse nighte or daie to packe on saile for my moste speede, being no lesse cleere in those whote and temperate zones then darke and mistie in the other. And therefore albeit in quantitie the grades differ, yet all circumstaunces dulye waied I may well affirme that

in one naturall daie, and so consequently in one weeke or monethe, I will passe more grades of my southerne voidage then can be passed of the other.

But more particularly to examine the trothe, admitte (the soone being in the tropique of Cancer,) I hoise saile departinge Inglonde folowinge the soone before he come to the equinoctiall lyne, I maie easilie reache Magilianus Straights and bestowe three weekes at the leaste in platinge and discoveringe the ilandes and other commodities for fortification of the said straights if neede were. And then before the soone aryve to the Brumale tropique I maie with the facilitie aryve to the Straights of Anian. So haue I nowe one whole quarter of a yeare to discover the said straighte and to make plattes of every baie, roade, porte or chanell therein, and to sounde all suche places as in that passage maie cause perill. In which tyme the soone wilbe arrived againe to the equinoctiall, aprochinge to the congeled Artike circle. And so haue I the whole Summer to retorne from the Northerne Seas, and the 3 firste monethes to employe in trafique with Cathaia or any other ilandes to the saide straighte adioyninge, which may sufficiently occupie the fleete till the seas be resolued. But contrariwise by the northe, it is vtterly impossible or not without extreme perills of liefe and expence of victualles, without any advauntage in the meane, to discover the said straighte, as by the reasons ensuinge shalbe manifeste.

The distaunte of the Straights of Anian to the northweste course beinge 200 grades in longitude maketh 6000 myles, allowinge 30 miles to a grade, for suche is the quantitie of a grade in 60 of latitude. Herto if we maye adioyne 1200 myles, which is the quantitie of 10 grades ascendinge and 10 descendinge tofore mencioned, there amountethe 7200 myles.

Nowe consideringe the seas and ayre vnder the Artike circle are so congeled that they are navigable only 3 monethes in the yeare, wherof it is requisite to reserve at the leaste one monethe to retorne, if the said passage if the said passage¹ sholde not be mette withall. Then examyne howe farre in the moyetic of that quarter a man maie passe, and the possibilitie of this voidage will soone apeare.

It cannot be (consideringe the nighte muste not be navigate for daunger of the coaste, and many tymes in the daie we muste beare slacke saile by reson of mistes and ffogges) that in one daie we sholde saile above one grade or two at the vttermoste, and so in the meane tyme before lymyted not possible to reache the thirde parte of the waie to the desired straighte, the winde beinge alwaie favorable. I omitte infynite impedymentes that maie lette, as newe landes, ilandes, capes or other, also bayes entering into the contynente, which muste be thoroughly searched, or els the thinge we seeke mighte easilie be pretermitted. Seing therefore without thies impedimentes there is no tyme

¹ Sic duplicatur in MS.

sufficente, howe impossible it is, all circumstances considered, to doe any good this waie, any man maie easilie judge.

Againe the discomodities by reason of the heate in the one are nothinge so manye nor so extreame in the Southe as those of the colde proceeding in the Northe. The one beinge tempered by the coole of the nighte, which are alwaies nighe equall to the daie. And the dietinge of men so well knowen in those partes that no daunger is to be feared. But in the Northe bothe daie and nighte beinge freeing colde, not only men's bodies, but also the very lynes and tacklinge are so frozen, that with very greate difficultie maryners can handell their sailes, I omytte the rages of the seas and tempestuous wether, wherwith we shalbe farre more ofte endaungered in the Northe then in the Southe. Then seinge by this that hathe bene saide it manifestlye apearethe that by the Southe in one yeaere, the straighte maie be discovered, and by the Northe it cannot be in a furre longer tyme, let vs also examyne, whether in the meane tyme, the one or the other voyadge, for any other accident, maye happen to be more serviceable or commodious. Wherin this is apparaunte, that whatsoever Northerne Ilande shalbe discovered, there is no other commoditie to be expected from it then only sutche as our Moscovian adventurers bring from Ruscia, seinge they are bothe subiecte to the artike cirkell. But from any lande that shall in the other voyadge be founde, we are assured to expecte, golde, siluer, pearle, spice, riche grayne, and suche moste precious marchaundize, besides countreis of moste excellent temperature to be inhabited, if we thinke it necessary, and if we aryve to tymely to enter the said straighte of Anian, yet haue we Cathaia, and all the Orientall Indians open vnto vs for trafique, besides the waste oceane to the Southe, which cannot but be replenished with numbers of Ilandes, the leaste wherof mighte aboundantly suffice to furnishe our navie with the forenamed comodities. If gemmes, turkesses, rubies, and other precious juells sholde not be there fownde, wherof there cannot but be greate aboundaunce in somme of them. Considering that in the ilande of Ormus and St. Laurence lyinge in the same temperature and clymate there was of olde tyme great plentie; and in this our age in these barbarous ilandes more likely to be founde, being not yet ever soughte and sifted by men of knowledge.

By this conference it maie apeare that as by the Southerne voyadge this Straighte of Anian may more sooner and withe farre lesse perill and expence be discovered then by the Northerne; so dothe it also for comodities if this streighte were not founde, as farre excell the other as golde, siluer, and spice dothe waxe tarre and tallow, and in ease and safetie to the travailer as furre excedinge as the daie dothe the nighte, or the somer the winter; and yet I denie not that after the straighte shall once be founde, and all the chanel and roades sounded, the capes, fforlands, and bayes perfectly discovered, the enterchangeable course of

curante tried, perfecte plattes and cartes of every goolfe and passadge made, and every parte and harboroughe in his due longitude and latitude, situate in such sorte that both daie and nighte in the cleere and flogge a man neede not feare to packe on saile with all celeritie to exploicte his voyadge without any doubtte or scrupule, but that this waie he maie safelye comodiouslie and most spedelye passe into that 'reatche' riche and bountifull sea abounding with innumerable ilandes of incomperable ritches and unknowen treasure. But whosoever shall before suche exacte discouerye made that waies attempte the same I averre he shall proceade to the shame and dishonor of him selfe to the destruction and ruyne of his 'countrey' companye, and to the vtter discouradgmente of this nation further to adventure in this gainfull honeste honorable enterprise. And reporte me to the judgment of the wise, these reasons before alleaged well weyed.

[*Otho E.*, viii, fol. 216 (225). *Colonial*, 23.]

REPLY TO THE DISCOURSE.

North passage or straighte of 67 degrees, and is not so daungerous as [the passage to] [Mus]covia is which is in 72 degrees and the[rfore] [moste] [da]ngerous for coulde and ise and notwithstanding [that the] passage to Muscovia is traded v. monethes in the [yeare].

And this passage by the northwest at 67 degrees [oughte] to be searched, and the same may be sayled in xxxth da[ies from] England to the said passage of 67 degrees.

The which passage beinge knowne wolde make a grete tra[de in] those weste partes, where be manye riche merchandizes, and [the] passage lyeth farre from anye prince that might hinder y[t].

And I thinke verely that with the value of ccc^{li} of mon[nye] this passage might be knowne and truely certefied by mea[nes] of some of the shippes that trade yerely to Iselande for fyshe.

Ffor this passage is to be sayled from Iselande in viii. or x. dai[es], and they havinge ccc^{li} allowed them towards their charges wolde willingly searche the said passage, and ii. or iii. to be sent from hence in the said shippes to bringe true knowledge of the same.

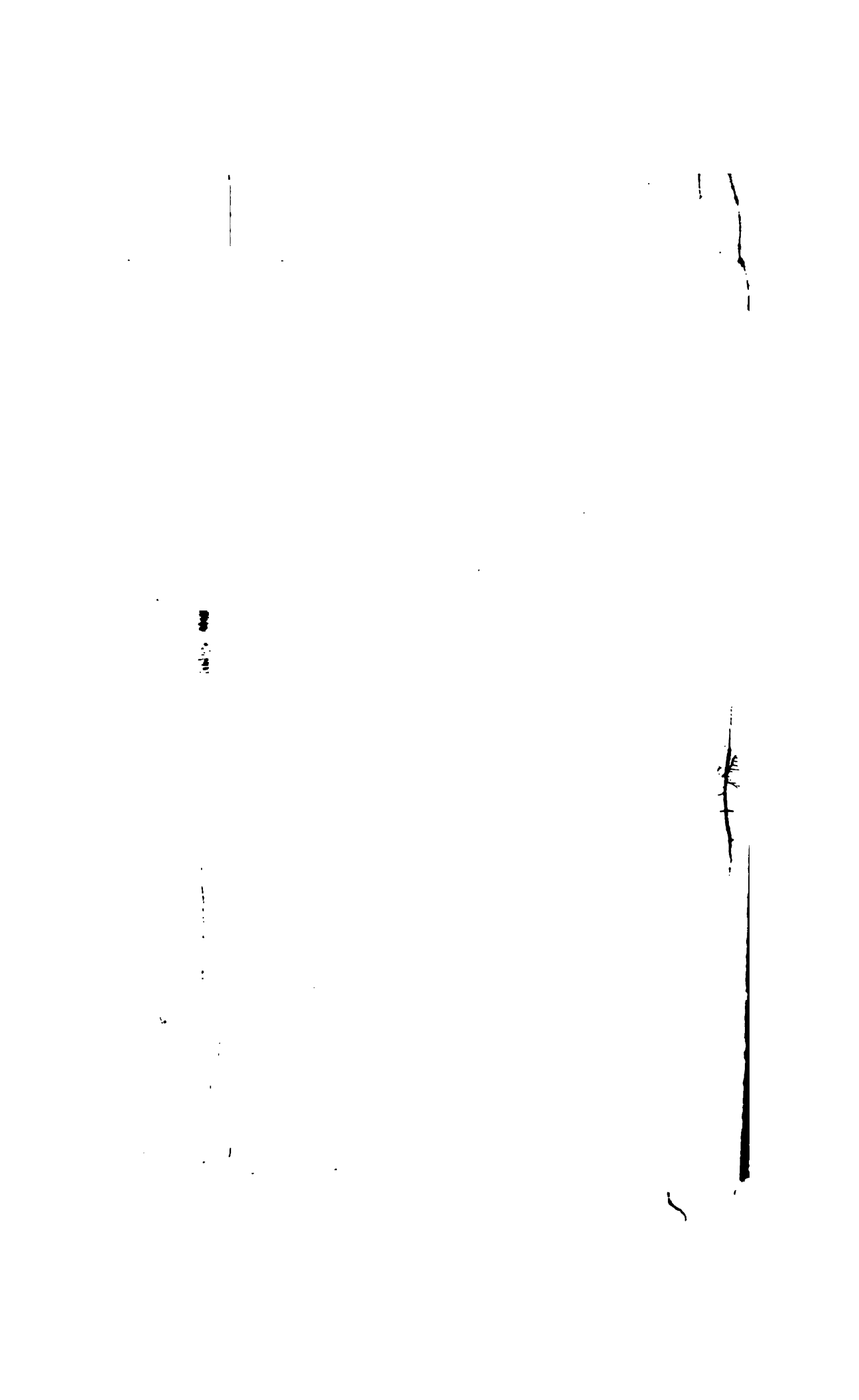
And be yt remembered this passage at 67 degrees to Catayo is but 6,000 leagues, and to passe by the streight of Magilanus to the said Catayo is 15000 leagues. As also the passage of 67 degrees in the moneth of June ther is no darke nightes, but is brighte daye all the 24 howers.

FOR

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Sir



A TRUE DISCOURSE

OF THE

LATE VOYAGES OF DISCOVERIE FOR
FINDING OF A PASSAGE TO CATHAYA, BY THE
NORTH-WEAST, UNDER THE CONDUCT OF
MARTIN FROBISHER GENERAL.

DEVIDED INTO THREE BOOKES.

In the First whereof is shewed, his first voyage. Wherein also by the way is sette out a Geographicall description of the Worlde, and what partes thereof have bin discovered by the Navigations of the Englishmen. Also, there are annexed certayne reasons, to prove all partes of the Worlde habitable, with a generall Mappe adjoyned.

In the Second, is set out his second voyage, with the adventures and accidents thereof.

In the third, is declared the strange fortunes which hapned in the third, with a severall description of the country and the people there inhabiting. With a particular Card thereunto adjoyned of *Meta Incognita*, so farre forth as the secretes of the voyage may permit.



AT LONDON,

Imprinted by HENRY BYNNYMAN, servant to the right Honourable Sir
Christopher Hatton, Vizchamberlaine.

Anno Domini 1578.

WHAT COMMODITIES AND INSTRUCTIONS
MAY BE REAPED BY DILIGENT READING
THIS DISCOURSE.

1. FIRST, by example may be gathered, how a discoverer of new countries is to proceede in his first attempt of any discoverie.

2. Item, how he shoulde be provided of shipping, victuals, munition, and choice of men.

3. Howe to proceede and deale with straunge people, be they never so barbarous, cruell and fierce, eyther by lenitie or otherwise.

4. How trade of marchandize may be made withoute money.

5. How a pilot may deale, being environed wyth mountaines of ise in the frosen sea.

6. How lengths of dayes, change of seasons, sommers and winters, do differ in sundry regions.

7. How dangerous it is to attempt new discoveries, either for the length of the voyage or the ignorance of the language, the want of interpretors, newe and unaccustomed elementes and ayres, straunge and unsavery meats, daunger of theeves and robbers, fiercenesse of wilde beasts and fishes, hugenesse of wooddes, daangerousnesse of seas, dreade of tempestes, feare of hidden rockes, steepenesse of mountaines, darknesse of sodaine falling fogges, continuall paines taking withoute anye reste, and infinite others.

8. How pleasaunt and profitable it is to attempt new discoveries, either for the sundry sights and shapcs of strange beastes and fishes, the wonderful workes of nature, the different manners and fashions of diverse nations, the sundry sortes of gournmente, the sight of straunge trees, fruite, foules, and beastes, the infinite treasure of pearle, gold and silver, the newes of new found landes, the sundry positions of the sphere, and many others.

9. How valiaunt captaines use to deale upon extremitie, and otherwise.

10. How trustie souldiers dutifully use to serue.

11. Also here may be scene a good example to be obserued of any priuate person, in taking notes, and making obseruations of al such things as are requisite for a discoverer of new countries.

12. Lastly, the reader here may see a good paterne of a well governed service, sundrye instructions of matters of cosmographie, geographic, and navigation, as in reading more at large may be scene.

TO

THE RIGHT HONOURABLE, MY SINGULAR GOOD MAYSTER,
SIR CHRISTOPHER HATTON, KNIGHT, CAPTAINE OF THE
QUEENES MAJESTIES GARDE, VIZCHAMBERLAINE TO
HIR HIGHNESSE, AND ONE OF HIR MAJESTIES
MOST HONOURABLE PRIVIE COUNSALE.

RIGHT honorable, when I first entended the voyage of discoverie wyth *Mr. Frobisher*, for the finding of the passage to Cataya (beyng a matter in oure age above all other notable) I applyed myselfe wholly to the science of cosmographie, and secrets of navigation, to the ende, I might enable myselfe the better for the service of my countrie, not only to understande what I read and heard others speake, but also to execute in effect, and practise with my owne hands, the dutie and office appertayning to a marriner: and so thereby be better able to make a true reporte of al occurrents in the same voyage. And for that now the common reporte thereof is so vaine and uncertaine, by cause some men rather contendyng what they are able to say, than considering what in truth they should and ought to say, whereby, by sundrie men's fantasies, sundry untruths are spread abroad, to the gret slaunder of this so honest and honorable an action, I have thought good to lay open to your honorable judgement, the plain truth, and ful discourse of the whole service, which I have taken upon me (though altogether unable) to write, and to dedicate unto your Honor especially, for these speciall causes following. Firste, the world doth witnesse, and I myselfe by good prooffe

[The
Epistle De-
dicatory.]

have tasted and found, being a man by your honorable goodnesse and good countenance, specially supported, and even (as it were) the handy worke of your owne hands, how honorable a regard you beare to vertue, howe readye to countenance the meanest man that truely serveth his countrie, howe willing to give unto suche both grace and opinion with hir Majestie, howe ready to procure rewarde there, for those that shall justlye merite the same. And there withall considering the sounde judgement you have to discern, as wel in this, as in al other causes of waight. And knowing wel what place you hold with hir highnesse, (who for the faithfull service you dayly doe hir, as wel in courte, as common weale, whyche nowe by the true tuchstone of time, and long experience, shee hath founde, and therefore confirmeth a faste and sure opinion in you wyth the chieftest) I have specially thought it necessarye, besides my dutie (whiche above all the worlde my alleageaunce reserved, I owe you moste) for these respects to make relation of this service unto your Honoure above others. And for that this action, both for the worthinesse of the attempt, for the good and quiet government, for the greate and marvelous daungers, for the straunge and unknowne accidents of the unknowne corners of the worlde, above all others, may appeare moste notable and famous: I have bene the rather desirous to take some pain therein, and what I have a ship-boorde rudely and unorderedly framed or observed, to commend to your honourable construction the same: being willing rather to hazarde mine own shame, by shewing my selfe an insufficient writer which perchance maye seeme somewhat besides my profession) than that so honest and worthy attempts of our owne nation, with the example of so wel a governed service, should lye hidden from your Honour's sight. And for that I will be injurious to no man, whyche in this action hath borne place, and well discharged the same, and that those men with the maner of their dayly proceedings there, by name may be knowen unto you, I have in their place

remembered them in order as becommeth: and have not onely named each principall, but everye private person (if by any speciall service hee hath merited the same) to the ende, that the wel deserving man, receyving the due commendation of his deserte, may be encouraged to continue, and take pleasure in wel doing after, and others being animated by like example, may for hope of like reward also, desire to deserve wel.

By this discourse, it may please your Honour to behold the greate industrie of oure present age, and the invincible mindes of our Englishe nation, who have never lefte anye worthy thing unattempted, nor anye parte almoste of the whole world unsearched, whome lately, neyther stormes of seas by long and tedious voyages, danger of darke fogs and hidden rockes in unknown coastes, congealed and frozen seas, with mountains of fleeting ise, nor yet present dayly before their face, coulde anye white dismay, or cause to desiste from intended enterprises; but rather preferring an honourable death before a shameful retourne, have (notwithstanding the former dangers,) after many perillous repulses, recovered their desired port. So that, if now the passage to CATAYA thereby be made open unto us, (which only matter hytherto hath occupied the finest heades of the world, and promiseth us a more riches by a nearer way than eyther *Spaine* or *Portugale* possesseth) whereof the hope (by the good industrie and great attemptes of these men is greatly augmented) or if the golde ore in these new discoveries founde out, doe in goodnesse as in greate plenty aunswere expectation, and the successe do followe as good, as the prooffe thereof hitherto made, is great, we may truely infer, that the Englishman in these our dayes, in his notable discoveries, to the Spaniard and Portingale is nothing inferior: and for his hard adventures, and valiant resolutions, greatly superior. For what hath the Spaniarde or Portingale done by the southeast and southwest, that the Englishman by the northeast and northwest hath not countervailed the same? c 2

And albeit I confesse that the Englishe have not hytherto had so ful successé of profit and commoditie of pleasaunt place (considering that the former nations have happily chanced to travel by more temperate clymates, where they had not onlye good meates and drinkes, but all other things necessarie for the use of man) all whiche things, the English, travelling by more intemperate places, and as it were with mayne force, making waye throughe seas of ise, have wanted, which notwithstanding argueth a more resolution: for *Difficiliora pulchriora*, that is, the adventure the more hard the more honorable: yet concerning the perfecter knowledge of the world, and geographically description, (wherein the present age and posteritie also, by a more universal understanding is much furthered, as appeareth by my universall mappe with pricked boundes here annexed) herein, the Englishman deserveth chiefe honour above any other. For neyther Spaniard nor Portugale, nor anye other besides the English, have bin found, by so great dangers of ise, so neare the Pole, to adventure any discoverie, whereby the obscure and unknown partes of the world (which otherwise had laine hid) have bin made known unto us.

So that it may appeare, that by our Englishmen's industries, and these late voyages, the world is grown to a more fulnesse and perfection; many unknown lands and ilands, (not so much as thought upon before) made known unto us: Christ's name spred: the Gospell preached; infidels like to be converted to Christianitie, in places where before the name of God had not once bin hearde of: shipping and seafaring men, have bin employed: navigation and the navie (which is the chief strength of our realm) maintayned: and gentlemen in the sea service, for the better service of their country, wel experienced. Al whiche things are (no doubt) of so gret importance, as being wel wayed, may seeme to counterwayle the adventures charges; although the passage to CATAYA were not found out, neither yet the golde ore prove good, wher of both the hope is good and gret. But not-

withstanding all these, even in this (if no otherwise) her most excellent Majestie hath reaped no small profit, that she may now stand assured, to have many more tried, able and sufficient men against time of need, that are (which without vaunt may be spoken) of valour great, for any great adventure, and of government good for any good place of service. For this may truly be spoken of these men, that there hath not bin seene in any nation, being so many in number, and so far from home, more civill order, better government, or agreement. For even from the beginning of the service hitherto, there hath neither passed mutinie, quarrel, or notorious fact, either to the slaunder of the men, or daunger of the voyage, although the gentlemen, souldiers, and mariners (whiche seldome can agree) were by companies matched together.

But I may perchance (right Honourable) seeme to discourse somewhat too largely, especially in a cause that (as a partie) somewhat concerneth my selfe; which I doe, not for that I doubt of your honorable opinion already conceived of the men, but for that I know, the ignorant multitude is rather ready to slander, than to give good encouragement by due commendation to good causes, who, respecting nothinge but a present gaine, and being more than needefully suspicious of the matter, do therewithall condemne the men, and that without any further respect, either of their honest intents, either of their wel performing the matter they dyd undertake (which according to their direction, was specially to bring home ore) either else of their painful travel (which for their Prince, and the publicke profite of their countries cause they have sustained.)

But by the way, it is not unknown to the world, that this our native country of England in al ages hath bred up (and specially at this present aboundeth with) many forward and valiant minds, fit to take in hand any notable enterprise; wherby appeareth, that if the Englishman had bin in times paste as fortunat and foreseeing to accept occasion offered,

as he hath bin always forward in executing anye cause once taken in hand, he had bin worthily preferred before all nations of the worldè, and the Weast *Indies* had now bin in the possession of the Englishe.

For *Columbus*, the firste Discoverer of the Weast *Indies*, made firste offer thereof, with his service, to King *Henry* the seaventh, then Kyng of Englande, and was not accepted: Whereuppon, for want of entertainment here, hee was forced to go into *Spaine*, and offered there (as before) the same to *Ferdinando*, Kyng of *Castyle*, who presently acceptyng the occasion, did first himselfe, and now his successors, enjoy the benefite thereof.

Also *Sebastian Cabota*, being an Englishman, and born in *Bristowe*, after he had discovered sundrie parts of new found lande, and attempted the passage to *Cataya* by the Northwest, for the King of England, for lacke of entertainment here, (notwithstanding his good desert) was forced to seeke to the Kinge of *Spaine*, to whose use hee discovered all that tract of *Brazil*, and about the famous river *Rio de la Plata*, and for the same, and other good services there, was afterwards renowned, by title of *Piloto Maggiore*, that is Graunde Pylote, and constituted chiefe officer of the Contractation house of *Sivilla*: in whiche house are handled all matters concerning the Weast *Indies*, and the revenues therof; and further, that no Pylot shoulde be admitted for any discoverie but by his direction.

But there hath bin two speciall causes in former age, that have greatly hindered the English nation in their attempts. The one hath bin, lacke of liberalitie in the nobilitie, and the other want of skill in the cosmographie, and the arte of navigation. Whiche kinde of knowledge is verye necessary for all oure noblemen, for that wee being ilanders, our chiefest strength consisteth by sea. But these twoo causes are nowe in this present age (God be thanked) very well reformed; for not only hir majestie now, but all the nobilitie also, having

perfect knowledge in Cosmographie, doe not only with good wordes countenance the forward minds of men, but also with their purses do liberally and bountifully contribute unto the same, whereby it cometh to passe, that navigation, whiche in the time of King Henry the 7th was very rawe, and toke (as it were) but beginning (and ever since hath had by little and little continuall increase) is now in hir Majestie's raign growen to his highest perfection.

Thus right Honorable, as I have in these my first travels in these late voyages, upon such occasions as passed there, nowe rendered your honour this bare and true accompte: so being further resolved to offer myself a continual sacrifice with the first, for hir Majestie and my country, in thys or any other like service, I intend (God willing) according to this beginning, if any thing hereafter fall out worth the memorie to present your honoure therewithall, and from time to time to advertise you of every particular. And in all these things which I deliver now, or shal hereafter advertise, I humbly praye, your honour would vouchsafe to give some credit thereunto, and rather to thinke, I may be deceived, than that I meane to deceive, colour, or conceale any thing, for I neither can, nor wil, use any flourish in the matter, but a bare truth in all: and thereupon I give my poore credite unto your honour in pawne. And herein I humbly pray pardon, for my rude order of writing, which proceedeth from the barren brayne of a souldier and one professing armes, who desireth rather to be wel thought of with your honour, for his well meaning, than for anye hys cunning writing at all.

And thus, having presumed to present these untimely and unripe fruites to your honoures beste and favourable construction, I humbly take my leave, beseeching God to blesse you, as I do faithfully serve, and will honor you ever.

The handie worke of your Honours handes and faithfully to serve you ever,

GEORGE BESTE.

THE PRINTER TO THE READER.

FORASMUCH as (gentle Reader) these three voyages lately made by our countrymen performed, do both for the matter of discoverie, for the strange and unknown accidentes, for the rare and hard adventures, and also for the good and discrete order of government, appeare above all others most notable and famous : I have bin specially desirous, by all meanes possible I could, to procure the publication thereof, thinking it too great an injurie to our common wealth, to burie in oblivion so worthy attemptes of our owne nation, and to hide the ensample of so good and so well a governed service. And for that (as I understand) many trifling Pamphlets have bin secretly thrust out, not only without the consent of the captaynes and executioners of the same, but also rather to the great disgrace of the worthy voyage, than otherwise, I having intelligence of a substantiall discourse whiche was diligently written thereof, and privately dedicated to my very Honourable Mayster, Sir Christopher Hatton Knight, by a gentleman of his own, who was personally present a captain in all the same service ; I have, without making privie the authour, procured his coppie out of the handes of a friende of mine, who had the writing and perusing therof, and have presumed to publish and imprint the same, to the ende that thereby I mighte (gentle reader) as well satisfye thy greedy expectation, by unfolding these newe and unknowen matters, whereof the nature of man is most desirous, as also to performe that dutie whiche I owe unto my sayde Honourable Mayster, in publishing such things as are directed unto him. And for that the mater is worthy to passe under the protection of his honourable name, I have heercin bin willing, rather to beare the burthen of the authores private dis-

pleasure, if therewith he should afterwards be offended, than not by publishing the same, seeme not only to do a publicke injurie unto my native countrey, but also shew a lighte regarde of my duetie, in obscuring the doyngs and travels of him, or anye of his, whose honour (as I am chiefly bound) I tender more than my owne safetic. And albeit I have in a fewe places somewhat altered from my copie, and wronged therby the authoure, and have soughte to conceale upon good causes some secretes not fitte to be published or revealed to the world (as the degrees of longitude and latitude, the distance, and true position of places, and the variation of the compasse,) and whiche neverthelcsse, by a generall, and particular mappe concerning the same, heereunto annexed, is so sufficiently explained, that easilie anything apperteyning unto the voyage, or in this discourse mentioned, may sensibly be understode; and though the matter be entirelie the authours owne, yet am I contented (for thy sake) rather than the same should be published, to beare the burthen of blame, and to abide the reprofe of the faultes escaped, taking upon me that reproche of presumption, and hazarding my name to the world, all which things the author peradventure taketh for so great disgraces, as willingly he would not adventure in his owne name the publishing thereof. But specially, for that the commendation of a historie consisteth in truthe and playnnesse, I have desired to bring forth, and prefer (before other pamphlets) the same, knowing that the authore thereof, in nothing more than in truth, desireth to maynteyne credite with this honourable personage, unto whome with his owne hand written, he hath privately dedicated the same, as by the epistle dedicatorie may appeare. If therefore thou shalte accept my well meaning in good parte, and yeelde but deserved prayse to the authoure for doing, and thanks to me for publishing the same, it shall suffice to make me thinke my travell well therein employed. And so fare you well.

THE FYRST BOOKE

OF THE FIRST VOYAGE OF *MARTIN FROBISHER*, ESQUIER,
CAPTAYNE GENERALL FOR THE DISCOVERIE OF THE
PASSAGE TO CATAYA AND THE EAST INDIA, BY
THE NORTHWEAST,

FIRST ATTEMPTED IN *ANNO DOM.* 1576, THE 15. OF MAY.

Cicero,
Offic., lib. i.

MAN is borne not only to serve his owne turne (as Tullie sayeth), but his kinsfolke, friends, and the common wealth especially, loke for some furtherance at hys handes, and some frutes of his laboure: where upon sundry men finding themselves as it were tyed by this bond and dutie of humane society, have willinglye endeavoured sundry wayes to shew themselves profitable members of their common weale. Some men by study of the minde, have employed themselves to give out good lawes and ordinances for governement, as *Solon*, *Lycurgus*, and others. Some have spented their time in devising artes and sciences, for the better sharpening of man's witte, and the casier expressing his conceytes, as in time past *Aristotle* for Logicke and Philosophie, *Cicero* and *Demosthenes* for Rethoricke, *Euclide* and others for Arithmeticke and Geometrie. Others againe by long and diligent observation, have found out the motion and courses of the celestially

Astronomie.

times and seasons, the better to direct his doings both for taking paynes and rest, as occasion and circumstances doth require. Some delight in feates of armes, thereby to be better able to defend their countreys from the force of the enimic, and rightfully (when occasion is) to enlarge their

dominions. And many others in sundrie faculties and sciences, have both heretofore, and especially now in these later dayes do so bestow and employ their time, that rightly they may be sayd to have deserved the name of profitable members in the common wealth; so that now by continuall practise, and exercising of good wittes, the world is waxed finer, and growen to more perfection, not only in all the speculative artes and sciences, but also in the practicall application of the same, to man's use, whereof as the one doth exceedingly delighte the inward mind, in seeing the sequelle of things by arte and reason, so the other in the mechanicall and practicall application (whiche of late yeares, This is the flourishing age. more than ever heeretofore hath bin used) dothe so pleasure and profite the world, that this time only may rightly be called the liberall and flourishing age. For when was there ever heard of such abundance of gold and silver (whiche no doubt being well used, is the great benefite and good blessing of God to mankind) as in these our dayes. No, *Solomon* himselfe, with all the pretious mettall of *Ophir*, which he (one only king) had in that only place, can not be comparable to the great store of golde, and all other mettals, which dayly are digged out of the bowels of the earth, almost in all parts of the world, and now lately in the supposed hard and congealed frozen lands, almost under the Poles. Yea, now every private man can witnesse this with me, that he is no more contented with the wealthe and riches that his auncesters hadde, but thinkes himself base minded, if by his industrie he encrease not his privat wealth proportionallie, as the whole world increaseth in common wealth, and not only of gold and silver is such great encrease, but also of all other things, serving as well for plcasure and delightes of the mind, as for the necessarie uses of man's life. For, as we are placed Abundance of all things. in these lower elementes firste to know and acknowledge the high Creator, and then thankfully to take the fruition of things for oure mayntenance, which are especially two, that

To what end
man is
created.

is, meate and drinke to susteyne the body, and coverture to defend the same from the rigor of heate and cold, and so thereby to glorifie God in his workes: what age hath bin ever heeretofore, that hath so abounded with store, not only of necessarie meates, but also of pleasant and delectable confections, to delight man withal: for whatsoever sundry sorte of corne, grayne, and meates former yeares have had, we not only have all the same in farre greater abundance, but thereunto are added thousandes of new things simple and compound, never heretofore seene or heard of. And as for coverture to defende the bodye, the matter is growen to such excellencie of architecture and building, to such finenesse of cloth and silkes of all sortes and colours; that man studieth no more to multiplie the encrease thereof; so much as to devise fashions, to make it serve more for ornament, than for necessarie uses. And the chiefest cause of all these effects (next after y^e divine Providence) is the searching wit of man, whiche being more curious and inquisitive of new and strange devises than heeretofore, bringeth out dayly more strange inventions, and causeth others, through emulation, to do the like—not only in providing y^e necessary things aforesaid, but also a continual care and constancie to find out other new arts, occupations, and faculties. For to remember one or two inventions for al, found out of late

Printing of
bookes.

yeares. The use and benefite of printing bookes, a devise so commodious and necessarie, saving within these few yeares in respect, hath layne utterly hid and unknowen. The arte

The arte of
warre.

of war is nowe growen to that excellencie, that if *Achilles*, *Alexander* the Great, *Julius Cæsar*, and other, should come in these later dayes, they themselves would more admire and wonder at the courages of our men, their engines, and their policies in warre, than the ignorant and barbarous multitude in their dayes did to them in celebrating their solemnities with all the honor that might be. But to drawe neere to my purposed scope, that is to discourse of inventions by way of

discoveries, I say, that one of the excellentest artes that ever hath bin devised is the arte of navigation, which in times Navigation. past was so raw and unknowen, that no man durst travel by sea, saving only alongst the shore: and if by wind, currant, or tempest, he were driven against his will so far from the land that he lost the sight thereof, he made no other accompte but to be cast away, his vessell was so rude and his skill so little.

In those dayes they knew not the singular use and benefite of the loadestone, called in Latin *Magnes*, whiche, besides the The stone called magnes. property of drawing iron unto it, it directeth, and with opposite poyntes sheweth two principall partes of the worlde, the north and the south, and that more distinctly than the rising of the sunne doth shew east and west (excepte it be onely in the dayes of *Æquinoctium* which is but twice a yeare), whiche rare propertie of the loadestone, if any man desire at large to see, let him put the sayd stone into a round dish, and they both so together in some vessel of water, wherein they might swim at pleasure voluntarily, which dish when it standeth still then doe the two principall and opposite poyntes of the stone firmly and constantly poynt out north and south; and if, before the quarters of north and south were knowen, by this experience he may find out the two principal poyntes of the stone; so that the one being knowen, the other can not be wanting. And that a man may be the better persuaded of this effect, let him remove or turn round the dish after it hath once stode still, and he shall ever finde it to returne constantly to the same poynt againe. Also a pillier or piece of steele being but touched with the foresaid *Magnes*, playing *Æquilibra* upon some piramid or point, receyveth such virtue that it produceth like effect. Whereunto, if wood or paper in circular forme devided into Two and thirty poynts of the compass. 32 equall parts be handsomely compacted, it will distinguishe and poynte out all parts of the horizon, and direct into all coasts of the worlde, and that onely by the influent spirite

of the two principall poyntes respecting ever north and south.

This excellent propertie and benefite of the lodestone I the rather remember at large, because some seamen whiche knowe this rare and miraculous effecte as well as I, doe not sufficiently admire the same, bycause it is now so commonly knowen, and yet indeede is to be preferred before all pretious stones in the worlde, whiche only tend to ornament, and have no other vertue, whereas this serveth to so necessarie use. The vertue of this stone, as it is not long since it was first found, so in these dayes it is like to receive his perfection concerning his north-easting and north-westing to be brought in rule, and particularly in this noble voyage of our worthy Captaine *Martine Frobisher*, who, as you shall after understande in the discourse, hath diligently observed the variation of the needle. And such observations of skylfull pylotts is the onlye way to bring it in rule; for it passeth the reach of naturall philosophy. The making and pricking of cardes, the shifting of sunne and moone, the use of the compasse, the houre-glasse for observing time, instrumentes of astronomie to take longitudes and latitudes of countreys, and many other helps, are so commonly knowen of every mariner now adayes, that he that hathe bin twice at sea, is ashamed to come home if he be not able to render accounte of all these particularities. By whiche skill in navigation is brought to passe that the people of Europe can as easilye and far more easilier make long voyages by sea than by lande, whereby hathe come to passe that within the memorie of man within these foure-score yeares, there hath beene more newe countries and regions discovered than in five thousande yeares before; yea, more than halfe the worlde hath beene discovered by men that are yet (or might very well for their age be) alive. When I name the world in this sense, I meane the uppermoste face and *superficies* of the earth and sea, which, unite together, make one globe or

The variation of the needle.

New discoveries.

sphere. And this face of the earth whiche Almighty God hath given man as most convenient place to inhabite in, thorowe the negligence of man hathe, until of late dayes, layne so hidde and unknowen that he hathe loste the fruition and benefit of more than halfe the earth.

A marvellous thing, that man, who hath always abhorred so muche thraldome and restraite, and so greedily desired liberty, coulde be contented so many thousande yeares, to be shut up in so narrow bounds. For it is to be thought that only such countries in times paste have bin known as either did bounde and hang together, or else were separated by very narrow seas, as are Europa, Affrica, and Asia, out of which from either to other a man may travaile by lande, or else shall finde in some places very narrow seas separating them, and so mighte saile from the one to the other onelye by lande-markes wythoute the arte of navigation, bycause the one was wythin a ken of the other.

For even the greate strength and stoutnesse of Hercules himselfe, when out of *Græcia* westward he had travelled and conquered all the regions and countries comming to the straight betweene Spaine and Barbarie, made accompte to have beene at the west ende of the worlde, and therefore there created two pillers as a perpetual monument of his fame, whiche to this day are called *Herculæ Columnæ*, the pillers of Hercules, the one standing in *Spaine* of *Europe*, the other in *Affrica*, and called the straight *Fretum Herculeum*: and nowe commonlye is named the straightes of Mallega or Gibraltar. And having come so farre westwarde, contented himselfe, and said, *Non plus ultra*, no further.

The west
end of the
old worlde.

Likewise, Alexander Magnus, out of *Macedonia* in *Greece*, passing throw *Armenia*, *Persia*, and *India*, comming to the great River Ganges, and conquering all these countries (althoughe he was persuaded that *Asia* extended somewhat further into the cast and north-cast) yet knowing them not to be very great countries, and thinking them to be

The east
end of the
old worlde.

of small moment, erected there certaine aultars, whiche are yet called *Aræ Alexandrinæ*, as beyond which no man else in those dayes had passed, or neede to passe more eastwarde, and this was accompted as it were a bounder of the easte side of the worlde, althoughe indeede Asia doeth extende further, twenty degrees, and is environed with *Mare Eoum*, and the straight Anian, which our Captaine Frobisher pretendeth to finde out.

The end of
the old
worlde south-
ward.

Touching the south parts of the world towards *Affrica*, Ptolomeus King of *Ægipt*, a famous cosmographer, who was more sollicite and curious in describing al the face of the earth than any king before him or after (excepte of late dayes), delivered in plat described and knowen only sixteen degrees beyond y^e equinoctiall to the southwardes or pole Antartique, and that bounder was called Montes Lunæ, out of whiche the greate river *Nilus* is supposed to have his beginning and spring. And, as for the knowen land on the north partes of the world, *Thyle* being one of y^e ilands of Orcades (more probably than *Iseland*), was so long pronounced and continued *Ultima*, that it was esteemed a great erreure for anye man to imagine anye lande more north than that.

The end of
the old
worlde north-
ward.

Thus have I briefly named the foure principall bounders of the worlde, which was onely known from the beginning of the worlde (as some thinke) untill within these eighty last yeares. That is, the Straights of *Gibraltar* or *Malaga* westward. The east part of *Asia* beyond the *Aræ Alexandrinæ* eastwarde. *Vltima* Thyle by Scotlande northward, and sixteen grades beyond the equinoctiall southward. But these sixteen degrees of south latitude are to be understoode only in the continent of *Africa*, whiche extendeth not passyng seventy degrees in longitude. Therefore, whatsoever countries or regions have since been discovered and knowne beyonde 180 degrees in longitude, 60 degrees in north latitude, and 16 degrees in south latitude, all the commendation, honour, renoume, glorie, and fame thereof, must be attributed to the

The greates
discoveries
of late yeres.

Englishmen, Spaniardes, Portingales, Frenchmenne, and Italians, whose valiaunt courage and high mindes be suche that either they alreadye have, or shortly will discover and searche out every narrowe corner of the world. By these means valours and industries, the knowne regions of the worlde, whiche before were divided into three partes; that is, Europa, Affrica, and Asia, are now made sixe, by addition of other three. For like as the whole massie frame of the world being firste divided into two principall regions, the one elementiall, the other heavenly, the elementiall containeth foure partes; that is, the four elements, the earth, the water, the ayre, and the fyre: the heavenly region, although one yet for diversitie of motion, may be compted two; that is, *Primum Mobile*, moving onelye uppon the poles, Articke and Antarticke, and all the reste of orbes and planets, moving uppon the poales of the zodiacke are by this difference of motion imagined two, whereby ariseth the number of sixe substances partes of the world; that is, the foure elements and the two varieties of orbes. So likewise the inferiour world, I meane the *superfices* of the earth, is also divided into sixe partes; that is, *Europa, Affrica, Asia,* The earth divided into six partes. *Terra Septentrionalis, America, and Terra Australis*, whose bounders bycause this division seemeth somewhat strange, I thought good for the more particularitie, here briefly to repeate.

THE CHIEFE BOUNDERS OF THE PRINCIPALL PARTES OF
THE WORLD.

Europa is bounded on the weast side with our Weaste Europa. Ocean; on the south side wyth *Mare Mediterraneum*; on the east with *Mare Ægeum, Pontus Euxinus*, and the river *Taniæ*, folowing the meridian thereof northwarde; on the north side it was thoughte sometime to be bounded with islandes—*Hebrides, Orcades, and Hyperborei montes* in *Sarmatia* of Europe. But nowe, by the navigation of the Englishemen,

the boundes are extended unto that sea which compasseth Norway, Laplande, and Moscovia.

Africa.

Affrica is bounded westwarde with the sea *Atlanticum*; southward with the South Ocean, passing by Cape d'Buona Speranza; eastwarde with the Red Sea; and northwarde by the sea *Mediterraneum*.

Asia.

Asia is bounded on the south side with the South Ocean; on the easte side with *Mare Eoum*, and the Straighte *Anian*; on the north side with the Scithian Sea; on the weaste side with the meridian of the river *Tanais*, and parte of the sea *Mediterraneum*, as *Pontus Euxinus*, *Mare Egeum*, *Sinus Issicus*, and the Red Sea.

Terra Septentrionalis.

Terra Septentrionalis is divided from *Asia* by the Scythian Sea, from *Europe* by the North Sea aboute *Iselande*, called in times past *Mare Congelatum*, the Frosen Sea, and from *America* is divided by Frobisher's Straights. It lyeth rounde about the Pole Artike, and is included by a paralell passing about 70 degrees in north latitude, as it is also more at large described in Mercators and Ortelius Universall Mappes.

This parte of the world hath beene most or onely made knowne by the Englishmen's industrie. For, as Mercator mentioneth out of a probable author, there was a frier of *Oxforde*, a greate mathematician,¹ who himselfe went verve farre north above 200 yeares agoe, and, with an astrolabe, described almoste all the lande aboute the Pole, finding it divided into foure partes or ilandes by foure greate guttes, indrafts, or channels, running violently and delivering themselves into a monstrous receptacle and swallowing sincke, with suche a violent force and currant, that a shippe beyng entred never so little within one of these foure indraftes, cannot be holden backe by the force of any great winde, but runneth in headlong by that deepe swallowing sincke into

¹ Nicholas de Linna, *i.e.*, of Lynn in Norfolk, whose voyage to the Arctic regions in 1360 is quoted by Mercator in his map of the world dated 1569, from the Itinerary of Jacob Croyen of Bois le Duc, and also referred to by Dr. John Dee. See *Hakluyt*, vol. i, pp. 121, 122.

the bowels of the earth. Hee reporteth that the south-weast parte of that lande is a fruitfull and a wholesome soyle. The north-east part (in respect of England) is inhabited with a people called *Pygmœi*, whiche are not at the uttermoste Pigmei. above foure foote highe. One of these foure greate monstrous gulfes wyth hys violent raging course followeth the meridian of the fortunate ilandes, and receiveth the ocean with three mouths, and is frozen over three moneths in the yeare, and is 37 leagues in breadth. The next eastwarde beyonde the iland *Vagats* is at 110 degrees in longitude and receyveth the East Ocean with five mouths, and, being narrowe and swifte, is never frozen. The third is at 190 degrees in longitude, and receiveth the East Ocean with nineteen receipts. The fourth is at 280 degrees in longitude. All these indraftes and raging channels runne directly towards a point under the Pole, where is also said to be a monstrous gret mountain of wonderful gret height and about 35 leagues in compasse at the foot. A great rock under the pole.

Guilielmus Postellus saith, that here under and aboute the Pole is best habitation for man, and that they ever have continuall daye, and know not what night and darknesse meaneth. But this seemeth contrary to the principles of the sphere, Continual day for ever. whyche alloweth well that they shoulde see the sunne halfe a yeare together without any night. During the time of his being in the north signes from the one *Equinoctium* to the other, yet, that in y^e other halfe they shold have continuall night without any day. But I thinke Postellus (being a good astronomer) doubted nothing of y^e reason of y^e sphere, but meaneth y^t for their great twilights, and y^e high swelling of y^e erth, and y^e high mountaine under the Pole, they have continual light; but hereof you shall heare more at large hereafter in this treatise, when I speake of the temperature of y^e north regions. This so particular a description of y^e land and countries lying about the Pole, argueth that this *Oxford* frier tooke great pains therein, and induceth great A frier of Oxford.

probabilitie and likelihood of y^e truth thereof, bicause he observed so diligently by measure, the bredth of the indrafts, what time, and how long they continued frosen, and with how manye mouths or receipts every one of them received the ocean.

Sir Hughe
Willoughby
and Rich.
Chancelor.

Upon y^e bounds and description of this part of the erth, I have y^e longer staid, because I find it discovered only by the English nation. And although y^e greatest part herof was made knowen 200 and odde yeres past, yet some bounders thereof were described and set out by y^e travel of Sr. Hugh Willoby Knight, an Englishman, who ventured and lost his life in y^e cause, and so died an honorable death, and with him Ric. Chancelor, chiefe Pilot in that voyage, in an. 1554, who discovered and founde out, y^t Norway and Sweden &c., conjoined not to *Groneland*, or any part of y^e Northern regions, as one firme and continent, but y^t by sea a man might travel to y^e country of *Moscovia*, and a gret way more estward, as far as the gret river Obby. Also oure worthy General Ca. Frobisher in his three last voyages, wherof we are briefly to entreat in these three books, hath discovered and described a gret part of y^e Southwest bounds thereof. and meneth (God willing) not only to describe the one halfe therof in going to *Cataia* by y^e Northwest, but also to put in triall, whether he may return into England by the Northeast, and so also to describe y^e other part, which to do, is one of y^e waightiest matters of the world, and a thing that will cause other Princes to admire y^e fortunate state, and y^e gret valor of y^e English nation. But to retourne againe to the bounding of the other parts of the world.

Frobisher's
3 voyages.

America.

America an ilande is included on the east side with the sea *Antartique*; on the weast side with *Mare del Sur*, or *Mare Pacificum*; on the south side it is bounded wyth the straight of Magellanus; and on the north with Frobisher's straights.

Terra
Australis.

Terra Australis seemeth to be a great firme land, lying

under and aboute the south pole, being in many places a fruitfull soyle, and is not yet thorowly discovered, but onely seene and touched on the north edge therof, by the travaile of the Portingales and Spaniards, in their voyages to their East and Weast *Indies*.

It is included almost by a paralell, passing at 40 degrees in south latitude, yet in some places it reacheth into the sea with greate promontories, even into the tropicke Capricornus. Onely these partes of it are beste knowen, as over against *Capo d' buona Speranza* (where the Portingales see popin-gayes commonly of a wonderfull greatnesse,) and againe it is knowen at the south side of the straight of Magellanus, and is called Terra del Fuego.

It is thoughte this southlande, about the pole Antartike, is farre bigger than the north land aboute the pole Artike; but whether it be so or not, we have no certaine knowledge, for we have no particular description hereof, as we have of the lande under and aboute the north pole.

Thus I have briefly butted and bounded out all the parts of the earth, according unto thys latter division into sixe parts. Which, that it might be more apparent and sensible to every man's understanding, I have hereunto adjoynd an universall map, wherein my minde was to make knowne to the eye what countries have been discovered of late yeares, and what before of olde time. The olde knowen partes have their boundes traced and drawen with whole lines, the newe discovered countries have theyr bounds drawen wyth points or broken lines, whereby the reader shall at the firste sight see both the shape and fashion of the whole universall face of the earth, compared all togyther, and also all the severall partes thereof, whether they were of old time discovered, or of late yeares, the which mappe, though it be roughly framed, withoute degrees of longitude or latitude, yet is it sufficient for the purpose it was ordeyned, for heerein, as in all the rest of this discourse, of the three voyages of our

worthy Generall Captayne Frobisher, my intente is, more to sette out simply the true and playne proceeding and handling of the whole matter, than to use circumstance of more words, or fyne eloquent phrases, wherein if I shoulde once goe about to entangle myselfe, it would doe nothing else, but bewray my owne ignorance, and lack of schole skylle. Therefore, of me there is nothing else to be loked for, but such playne talke and writing, as souldiers and marriners doe use in their daily meetings and voyages, and this of necessity must anye man use that will deale with suche a matter as thys is, although he were curious to the contrarie.

By this discourse and mappe, is to be seene, the valiante courages of men in this later age within these eighty yeares, that have so muche enlarged the boundes of the worlde, that now we have twice and thrice so muche scope for oure earthlie peregrination, as we have hadde in times past, so that nowe men neede no more contentiously to strive for roume to build an house on, or for a little turffe of ground, of one acre or two, when greate countreys, and whole worldes, offer and reache out themselves, to them that will first voutsafe to possesse, inhabite, and till them. Yea, there are countreys yet remaying withoute maysters and possessors, whiche are fertile to bring forth all manner of corne and grayne, infinite sortes of land, cattell, as horse, elephantes, kine, sheepe, great varietie of flying fowles of the ayre, as phesants, partridge, quayle, poppingeys, ostridges, etc., infinite kinde of fruits, as almonds, dates, quinces, pomgranats, oringes, etc., wholesome, medicinable, and delectable. Greate varietie of floures continuallie springing, winter and sommer, beautifull for coloure, odiferous, and comfortable. Abundance of faire hilles and valleys, furnished with all maner woddes and pleasante rivers. Millions of newe fashions, and strange beastes and fishes, both in sea and fresh waters. Mountaines bringing forth all maner of mettals, as gold, silver, yron, etc. All sorts of pretious stones and spices, in all which land wanteth nothing that may

be desired, eyther for pleasure, profit, or necessarie uses. Which sundrey countreys to possess and obteyne, as it is an easie thing, so would I not have our Englishe nation to be slacke therein, least perhaps agayne they overshootte themselves, in refusing occasion offered, as it was in the time of King Henry the seventh, when all the West Indies were firste profered to the Englishmen, to be given into their handes, whiche they little regarding, was afterwards offered to the Spaniards, who presently accepted the occasion, and now enjoy the infinite treasure and commoditie thereof. I would not wishe Englishmen to be now unlike themselves, for in all the later discoveries the English nation hath bin as forward as any other. As firste, by their navigations north-eastward, the bounds of Europe were made perfect on the north syde, for Ptolomie, Strabo, and al other geographers lefte it described but onley to the ilandes Orcades in Irelande, and Hyperboreas Montes in Sarmatia, and finding the land on the north side of Germany, Poland, Moscovia, and Asia, to extend northward, they left it confusedly, and knew not whether it reached to the pole as one firme lande, or whether it were devided by some sea they knew not. But this doubt hath long since bin dissolved, by the valiant attempt of Sr. Hugh Willoughby Knight, who (as I said before) in this noble discoverie, died an honourable death, and the voyage hath since been perfected by y^e two brethren the Borowes, and other valiant yong men of our time eastward, beyonde y^e great River Objj, as farre as y^e empire of y^e great Cam or Cane of Tartaria, as appeereth in my general mapp by y^e pricked bounds thereof. That voyage was then taken in hand, of y^e valiant Knight, with pretence to have gone eastward to the rich countrey of Cataya, and was grounded briefely upon these reasons. First, bicause there was a unicornes horne found upon the coast of Tartaria by the River Objj, which (said he) was like by no other ways to come thither, but from India or Cataya, where the saide

West
Indies pro-
fered to the
English
nation.

The bounds
of Europe
perfected by
English-
men.

The two
Barowes.

Reasons to
prove the
passage by
the north-
east.

unicornes are only found, and that by some sea bringing it thither. Also a fisherman of Tartaria reporteth, y^t he sailed v^{er}ve farre south-eastward, and found no end of sea, or likelyhoode therof. Lastly, a Tartarian, inhabiting neere y^e Scithian Sea, reported such a streame and currant to runne there continually, towards the west, that if you cast anything therein, it would presently be caried out of your sight towards the west, whereby necessarily foloweth, ther should be some passage to some larger sea, wherein this continual streame might emptie itself. And by y^e experience of this voyage, it was found, y^t the frozen zones were not frozen, but habitable and navigable, a thing y^t almost all the old philosophers did deny, and went about with sundry reasons to impugne, for in this voyage to Moscovia, our men passed beyond seventy-two degrees in north latitude, wheras y^e frozen zone beginneth at sixty-six degrees and a halfe. This enterprise, although it toke not effect, to finde y^e passage to Cataya eastward, because y^e worthy knight, the chief author therof, dyed in y^e way thither, yet hath it bin very beneficiall to England, in finding out y^e trace to S. Nicholas, both for y^e maintenance of y^e navie, and the yerely profit is reaped therby, the which voyage is known to be more dangerous and painful, than any y^e Spanyards or Portugals have ever dealt in, for they being borne in a somewhat hote countrey, hapned to deale with easie voyages, although they were long out, not much differing from their own temperature.

Commodi-
ties by
Moscovia
voyage.

And I thinke, a man mighte be bolde to saye, that in all their long voyages, to the East and West Indies, they were never so muche distressed and oppressed with so infinite numbers, and sundrie kindes of dangers, as oure valiante Generall Captayne Frobisher, and his companye were in every one of these his three voyages, as readyng it, you shall understand more at large. And yet they courageously persist and continue on their purposed enterprise, and will not surceasse untill they have (God willing) found oute that long

wished passage to Cataya, to the everlasting renoune, glorie, and fame of the English nation.

Also, the valor of the Englishmen, did first of all discover and finde out all that part of America, whiche nowe is called Baccalaos: for Sebastian Cabot, an Englishman, borne in Bristow, was by commandment of Kyng Henry the seaventh in anno 1508, furnished with shipping, munition, and men, and sayled along all that tract, pretending to discover the passage to Cataya, and went alande in many places, and brought home sundry of the people, and manye other things of that countrey, in token of possession, beeing (I say) the firste Christians that ever there sette foote on land.

Also, the sayde Englishman Cabot, did first discover, at the procurement of the Kyng of Spayne, all that other porte of America, adjoyning next beyond Brasill, lying aboute the famous river called Rio de la Plata.

Also, the Englishmen have made sundrye voyages to Guinea and Binny, although the Spanyardes and Portugalles, bycause of their neare dweelling thereunto, got thyther the firste starte of them, and there prevented them in building townes and castels, whereby appeareth, that the English nation, by their long and dangerous navigations, have diligently and paynefullie searched out by sea the temperature of all the zones, whether they were burning, frozen, hot, colde, or indifferent, even from the pole Artike to the equinoctiall, and crossing it also passed beyonde the tropicke of Capricorne, and returned agayne. And therefore, as we are inferioure to no other nation, in making greate and long voyages by sea, so knowe I no nation comparable unto us in taking in hande long travels and voyages by lande. For what nation is it that hath ever had such a long trade by land as is the Englishmans into Persia, which, besides two monethes sayling by sea along the weast English-
meane great
travellers by
land. and northerne coastes of Norway and Lapland, by Wardhouse unto the Bay of Saint Nicholas, it remayneth more in

voyage by land and fresh rivers, aboute three thousande English myles: for from the merchantes house at Saint Nicholas, by the river Duina and Lughana, to the citie Volugda, is compted seaven hundred English miles; from thence to the citie Yearuslaue, standing upon the great river Volga, travelling by only land, is reckned about one hundred and forty miles, where the merchants making new shipping for the freshe river Volga, goe eastwarde aboute seven hundred miles: then the sayde river turning agayne south by many windings, at the last by the greate citie Astracan, delivereth it selfe into the south side of the Sea Caspium, that tract being above nine hundred miles: then after in two or three dayes, with a good winde crossing the Caspium Sea, they arrive at a port named Bilbill, where after by lande journeying with camels in one and twenty dayes, being almost six hundred miles, they come to the famous city of Tauris or Teuris, being the greatest citie of Persia for trade of merchandise. This long and paynefull voyage by land was taken in hand by a worthy gentleman, Mayster Anthony Jenkenson, who made thereof a plat, with the first particular description that I have seene of the whole countrey of Moscovia whiche is yet extant, and therefore the Englishmen are to be preferred before all other nations in making long voyages by lande. The Spanyards and Portugalles undoubtedly are worthye immortal fame and glorie, for their greate enterprises and good successes they have therein: yet have they never seene nor hard such straunge and extraordinarie accidents of the sphere as hath happened unto the Englishmen. For neyther Spaniarde nor Portugal ever sawe in all their long voyages, the sun and the moone to make whole and perfect revolutions above the horizon, as our men yearely do see in their voyage to Moscovia, where when they abide any time at Wardhouse they see the sunne goe continually above ground the space of above two moneths together, where if they take not great heed, they shall not

Voyage to
Persia.

know what day of the moneth it is, after the order of our calender, for that they have no nights. But yet bycause once everye twenty-four houres the sunne draweth neare to the horizon in the north parts, it is there commonly shadowed with vapours and thicke fogges, whiche usually rise from the earth, and seeme a little to shadowe the bodye of the sunne; and that lowest approaching of the sun to the earthward, they counte night, and so make good enough reckning of the days of the moneth, according to our usuall fashion. But one inconvenience there is that dismayeth and deterreth moste men (though they be of valiant courage) from taking in hande long voyages, eyther by sea or by lande, and that is the newe and uncustomed elements, and the extreme ayres of hot and cold, whereby (as some think) if they travel far northward, they shall be frozen to death in the harde congealed and frozen sea: and again, if they travel far toward the south, they fear they should be parched and broyled to death with the extreme heat of y^e middle burnyng zone: or else if perhaps they escape alive, yet at least they shold be burned as black as a cole, as the Indians or black Moors there are; and this to believe they are partlye perswaded by the sight of those Indians, and partlye by the perswasions of certaine philosophers, who went with reasons to prove that between the two tropicks was no dwelling or being for the extreme heate, the sunne beating on them continuallye: neyther neare eyther pole, for the extreme frostes, colde and snow whiche continuallye hath there (from the beginning of the world as some thinke) increased, the sunne being so farre distante from them. Which opinion of some, bycause it importeth very much, I thought good here to do my indeavour to refell, both bycause I know the contrarie by my owne experience, and also for that I finde the course of the sunne in zodiacke (which God hath ordayned to give light and life to all things) can induce no such kinde of extremitie: and so, lastly, to confirme all partes of the worlde to be habitable.

EXPERIENCES AND REASONS OF THE SPHERE, TO PROVE AL PARTES OF THE WORLD HABITABLE, AND THEREBY TO CONFUTE THE POSITION OF THE FIVE ZONES.

Experience
to prove
that *Torrida*
Zona is
habitable.

First it may be gathered by experience of our Englishmen in *an.* 1553; for Captain Windam made a voyage with merchandise to *Guinea*, and entred so far within the *Torrida Zona*, that he was within three or four degrees of the Equinoctial, and abiding there certain moneths, returned with gain.

Also the Englishmen made another voyage verie prosperous and gainfull, *an.* 1554, to y^e Coasts of *Binin*, lying east from *Guinea*, being within three degrees of y^e Equinoctial. And yet it is reporteth of a truth, that al y^e tract from *Cape de las Palmas*, trending by *C. de tres Puntas*, alongst *Benin*, until the Ile of Saint Thomas (which is perpendicular under the Equinoctial): al y^e whole bay is more subject to many bloming and smothering heates, with infectious and contagious ayres than any other place in al *Torrida Zona*, and the cause thereof is some accidents in y^e land. For it is most certain that mountains, seas, woods, and lakes, etc., may cause through their sundrie kind of situation sundry straunge and extraordinarie effects whych the reason of the clyme otherwise woulde not give. I mention these voyages of oure Englishemenne, not so much to prove that *Torrida Zona* may be, and is inhabited, as to shew their readynesse in attempting long and dangerous navigations. We also among us in England have blacke Moores, Ethiopians, out of all partes of *Torrida Zona*, whiche after a small continuance can wel endure the colde of our countrey, and why should not we as well abide the heate of their countrey. But what shoulde I name anye more experiences, seeying that all the coastes of Guynea and Bynnin are inhabited of Portugals, Spanyards, French, and some Englishmen, and there have built castels and townes. Onely this I will say to the merchants of London that trade yeerely to Marochus,

it is very certayne that the greatest part of the burning zone is far more temperate and coole in June than the country of Marochus, as shall appeere by these reasons and experiences following. For let us first consider the breadth and bignesse of this burning zone (which, as every man knoweth, is forty-seven degrees eache tropicke, whiche are the bounders thereof) being twenty-three degrees and a halfe distant from the Equinoctiall. Imagine againe two other paralels on each side the Equinoctiall one, eyther of them distant from the Equinoctiall about twentie degrees, whiche paralels maye be described eyther of them twice a yeare by the sunne beinge in the firste degrees of Gemini the eleventh of May, and in Leo the thirteenth of July, having north latitude. And agayne, the sunne beeyng in the first degrees of Sagittarius the twelfth of November, and in Aquarius the ninth of January, havng south latitude, I am to prove by experience and reason that all that distance included between these two parralels last named (conteyning fortye degrees in latitude, goyng rounde aboute the earthe, according to longitude) is not only habitable, but the same most frutefull and delectable, and that if anye extremitie of heate bee the same not to bee within the space of twentye degrees of the Equinoctiall on eyther side, but onely under and about the two tropicks, and so proportionally the nearer you do approche to either tropicke the more you are subject to extremitie of heate (if any suche be), and so Marochus being scituate but six or seven degrees from the Tropicke of Cancer, shall be more subject to heate than any place under the Equinoctiall line.

Marochus
more hote
than about
the equi-
noctiall.

And first by the experience of sundrie men, yea thousands travailers and merchaunts to the East and Weast *Indies* in many places, both directly under, and harde by the Equinoctiall, they with one consent affirme that it aboundeth in the middest of *Torrida Zona* with all maner of grain, hearbes, grasse, fruite, wood, and cattell, that we have here, and

thousands other sortes farre more holesome, delectable, and pretious than anye wee have in these northerne climates, as very well shall appeare to him that wil reade the Histories and Navigations of such as have travelled *Arabia, India intra* and *extra, Gangem*, the Ilandes Moluccæ, America, etc., which all lye about y^e middle of y^e burning zone, where it is truly reported that the great hearbes, as are radishe, lettuce, colewortes, borage, and suche like, doe waxe ripe, greater, more saverie and delectable in taste than ours within sixteene dayes after the seed is sownen. Wheat being sowed the first of Februarie, was found ripe the firste of May, and generally, where it is lesse fruitefull, the wheate will be ripe the fourth moneth after the seede is sowne, and in some places will bring forth an eare as bigge as the wriste of a man's arme, containing a thousand graines. Beanes, pease, etc., are there ripe twice a yeare. Also grasse being cutte downe will growe up in sixe dayes above one foot highe. If our cattell be transported thither within a small time their yong ones become of bigger stature and more fatte than ever they would have been in these countries. There are found in everie wood in great numbers such timber trees as twelve men holding handes together are not able to fadome. And to be short, all they that have bene there, with one consent affirme that there are the goodlyest greene meddowes and playnes, the faireste mountaines, covered with all sorts of trees and fruits, the fairest vallies, the goodliest pleasaunt fresh rivers, stoared with infinite kinde of fishes, the thickest woods, greene and bearing fruite al the whole yeare, that are in al the worlde. And as for gold, silver, and al other kinde of metals, al kind of spices, and delectable fruites, both for delicacie and health, are there in such abundance as hitherto they have bene thought to have bene bred no where else but there. And in conclusion, it is now thought that no where else but under the Equinoctiall, or not far from thence, is the earthlye Paradise and the only place of per-

Marvellous
fruitful
soile under
the equi-
noctiall.

Great trees.

Commodi-
ties and
pictures
under the
equinooc-
tiall.

fection in the world. And that these things may seeme the lesse strange bycause it hath bin accompted of the old philosophers that there could nothing prosper for the extreme heate of the sunne continually going over their heades in the zodiacke, I thoughte goode here to alleage suche naturall causes as to mee seeme verie substanciall and sure reasons. First, you are to understande that the sunne doeth worke his more or lesse heate in these lower parts by two meanes, the one is by the kind of angle that the sun-beames doeth make with the earth, as in all *Torrída Zona*, it maketh perpendicularly righte angles in some place or other at noone and towards the two Poles very oblique and uneven angles. And the other meane is the longer or shorter continuance of the sunne above the horizon. So that wheresover these two causes do most concurre there is moste excesse of heate; and when this one is wanting the rigor of the heate is lesse. For though the sunne-beames do beate perpendicularly upon any region subject to it, if it hath no continuance or abode above the horizon to worke his operation in, there can no hote effect procede. For nothing can be don in a momente. And this seconde cause, *mora supra horizontem*, the time of the sunne's abiding above the horizon, the old philosophers hence remembered, but regarded only the manner of angles y^t the sun-beames made with the horizon, which if they were equall and right, the heate was the greater, as in *Torrída Zona*; if they were unequall and oblique, the heat was the lesse, as towards both Poles, which reason is very good and substancial; for the perpendicular beames reflect and reverberate in themselves, so that the heate is doubled, every beame striking twice, and by uniting are multiplied and continue strong in forme of a columne. But in our latitude of fifty and sixty degrees the sun-beams descend oblique and slanting wise, and so striketh but once and departeth, and therefore oure heate is the lesse for any effect that the angle of the sun's beames make. Yet, because we have a

Heat is caused by two meanes, that is, by his maner of angle and by his continuance.

Note thys reason.

longer continuance of the sunne's presence above the horizon than they have under the Equinoctiall, by whiche continuance the heate is increased, for it shineth to us xvj or xvij houres sometime, when it continueth with them but twelve houres alwayes.

And againe, oure night is very shorte, wherein colde vapors use to abound, being but six or eight houres long, whereas theirs is alwayes twelve houres long, by which two advantages of long dayes and shorte nights, though we wante the equalitie of angle, it commeth to passe that in sommer oure heate here is as greate as theirs is there, as hath bin proved by experience, and is nothing dissonant from good reason.

Therefore, whosoever wil rightly way the force of colde and heate in any region, muste not onelye consider the angle that the sunne beames make, but also the continuance of the same above the horizon. As firste to them under the equinoctiall the sunne is twice a yeare at noone in their zenith perpendicular over their heades, and therefore during the ii houres of those two dayes the heat is very urgent, and so perhaps it will be in four or five days more, an houre everye daye, untill the sunne in his proper motion, have crossed the equinoctiall, so that this extreame heate caused by the perpendicular angle of the sunne beames, endureth but two houres of two dayes, in a yeare.

But if any man say the sunne maye scalde a good while, before and after it come to the meridian, so farre forthe as reason leadeth, I am content to allow it, and therefore I will measure and proportion the sunne's heate, by comparing the angles there, with the angles made here in England, bicause this temperature is best knowen to us. As for example, the 11th day of March, when under the equinoctiall it is halfe houre past eight of the clocke in the morning, the sun will be in the east about thirty-eight degrees above the horizon, bycause there it riseth always at six of the clock, and moveth

every hour fifteen degrees, and so high very neare will it be with us at *London* the saide 11th of March at noone. And therefore looke what force the sunne hath with us at noone, the 11th of March, the same force it seemeth to have under the equinoctiall at half houre past eight in the morning, or rather lesse force under the equinoctiall. For with us the sunne had beene alreadye sixe houres above the horizon, and so had purified and clensed all the vapours, and thereby his force encreased at noone, but under the equinoctiall, the sunne having been uppe but two and half houres hadde sufficient to doe, to purge and consume the cold and moyst vapors of the long night past, and as yet had wrought no effect of heate. And therefore I may boldly pronounce, that there is much less heate at halfe houre past eight under the equinoctiall, than is with us at noone (*d fortiori*). But in *Marche*, we are not onely contented to have the sunne shining, but we greatly desire the same. Likewise the 11th of June, the sunne in our meridian is sixty-two degrees highe at London; and under the equinoctiall it is so high after ten of the clocke, and seeing then it is beneficiall with us, *d fortiori*, it is beneficial to them after ten of the clocke.

And thus have we measured the force of the sun's greatest heate, the hottest dayes in the yeare, under the equinoctiall, that is, in March and September, from sixe tyll after tenne of the clocke in the morning, and from two untill sunne set. And this is concluded, by respecting only the first cause of heate, which is the consideration of the angle of y^e sunnes beames, by a certaine similitude, that whereas the sunne shineth never above twelve houres, more than eight of them would be coole and pleasant even to us, much more to them that are acquainted alwayes with suche warme places. So there remaineth lesse than foure houres of any excessive heate, and that only in the two sommer dayes of the yare, that is, the 11th of March, and the 14th of September, for under the equinoctiall, they have two sommers the one in

March, and the other in September, which are our spring and autumn; and likewise two winters, in June and December, which are our sommer and winter, as may well appeare to him that hath onely tasted the principles of the sphere. But if the sunne be in eyther tropicke, or approaching neare thereunto, then may we more easlye measure the force of his meridian altitude, that it striketh upon the equinoctial. As for example, the twelfth of June, the sunne will be in the first degree of cancer. Then loke what force the heate of the sunne hath under the equinoctiall, y^e same force and greater, it hath in all that paralel, where the pole is elevated betweene forty-seven and forty-eight degrees. And therefore *Paris* in *France*, the 12th daye of June, sustayneth more heate of the sunne, than Saint Thomas Ilande, lying neere the same meridian, doth likewise at noone, or the ilandes *Taprobana*, *Molucco*, or the firme lande of *Peru* in *America*, which all lye underneath the equinoctial. For upon the 12th day of June aforesaid, the sunne beames at noone doe make an Isocheles triangle, whose *vertex* is the center of the sunne, the *basis* a lyne extended from Saint Thomas Ilande, under the equinoctiall, unto *Paris* in *France*, neare the same meridian; therefore the two angles of the base, must needes be equall p 5, *primi*, ergo the force of the heate equall, if there were no other cause, than the reason of the angle, as the olde philosophers have appointed. But bycause at *Paris* the sun riseth two houres before it riseth to them under the equinoctiall, and setteth likewise two houres after them, by means of the obliquity of the horizon, in which time of the sunnes presence 4 houres in one place more than the other, it worketh some effect more in one place than in the other, and being of equall height at noone, it muste then needes follow to be more hote in the paralell of *Paris* than it is under the equinoctiall. Also this is an other reason, that when the sun setteth to them under the equinoctiall, it goeth very deep and lowe under their hori-

Paris in
France is as
hote as
under the
equinoctiall
in June.

zon, almost even to their *antipodes*, whereby their twylights are very shorte, and their nights are made verye extreame darke and long, and so the moysture and coldenesse of the long nightes wonderfully encreaseth, so that at length the sun rising can hardly in many houres consume and drive away the colde humoures and moyst vapours of the nighte paste, whiche is cleane contrarye in y^e paralel of *Paris*. For y^e sun goeth under their horizon but verye little, after a sloping sorte, whereby their nights are not verye darke, but lightsome; as looking into the north in a cleare night withoute cloudes, it doeth manifestlye appeare their twylights are long, for the paralel Cancer cutteth not the horizon of *Paris* at right angles (but at angles very uneven and unlike), as it doth the horizon of the equinoctiall. Also the sommer day at *Paris* is sixteene houres long and the night but eight; where contrarie wise, under the equinoctial, the day is but twelve houres long, and so long is also the nighte, in what soever paralel the sun be; and therefore looke what oddes and difference of proportion there is betweene the sunnes abode above the horizon in *Paris* and the abode it hath under the equinoctiall (it being in Cancer), the same proportion would seeme to be between the heate of the one place and heate of the other: for other things (as the angle of the whole arcke of the sunnes progresse that day in both places) are equall.

The twylights are shorter and the nights darker under the equinoctial than at Paris.

But under the equinoctial, the presence and abode of the sunne above the horizon is equall to his absence and abode under the horison, eache being twelve houres. And at *Paris* the continuance and abode of the sunne is above the horizon sixteene houres long and but eight hours absence, whiche proportion is double, from whiche, if the proportion of the equalitie be subtracted to find the difference, there will remaine stil a double proportion; whereby it seemeth to followe, that in June the heate at *Paris* were double to the heate under the equinoctiall. For (as I have saide) the

angle of the sunne beames are in all points equall, and the cause of difference is *Mora solis supra horizontem*, the staye of the sunne in the one horizon more than in the other. Therefore, whosoever could finde out in what proportion the angle of the sunne beames heateth, and what encrease the sunnes continuance doeth adde thereunto, it might expressly be sette downe what force of heate and cold is in all regions.

They use
and have
neede of
fire under
the equi-
noctiall.

Thus you partely see, by comparing a clymate to us well knowe and familiarlye acquainted by lyke height of the sunne in bothe places, that under the equinoctiall in June is no excessive heate, but a temperate ayre, rather tendinge to colde. For as they have there for the moste parte a continuall moderate heate, so yet sometime they are a little pintched wyth colde, and use the benefite of fyre as well as wee, especiallye in the evening when they goe to bedde; for as they lye in hanging beddes tyed faste in the upper parte of the house, so wyll they have fyres made on both sides their bed, of which two fires, y^e one they devise superstitiouslye to drive awaye spyrites, and the other to keep away from them the coldnesse of the nights.

Colde inter-
mingled
with heate
under the
equinoctiall.

Also in many places of *Torrída Zona*, especially in the higher landes somewhat mountainous, the people a little shrinke at the colde, and are often forced to provide themselves clothing, so that y^e Spaniards have found in the West *Indies* many people clothed, especially in winter; whereby appeareth, that with their heate there is colde intermingled, else would they never provide this remedy of clothing, which to them is rather a grieffe and trouble than otherwise. For when they go to warres they wil putte off al their apparell, thinking it to be cumbersome, and wil alwayes goe naked, y^t they thereby might be more nimble in their flight. Some there be that thinke y^e middle zone extreme hot, by-cause y^e people of y^e countrie can and do live withoute clothing, wherein they childishly are deceived, for oure clime

rather tendeth to extremitie of colde, bicause we cannot live without clothing: for this our dubble lining, furring and wearing so many cloths, is a remedy against extremitie, and argueth not y^e goodnesse of y^e habitation, but inconvenience and injury of cold: and that is rather y^e moderate, temperate, and delectable habitation, where none of these troublesome things are required, but that we may live naked and bare, as nature bringeth us forth. Others again imagine y^e midle zone to be extreme hote, bycause the people of *Africa*, especially y^e Ethiopians, are so cole blacke, and their haire, like wooll, curled short, which blacknesse and curled haire they suppose to come only by y^e parching heate of y^e sun, which how it should be possible I cannot see. For even under the equinoctiall in *America*, and in y^e East *Indies*, and in the Ilands *Moluccæ* y^e people are not blacke but white, with long haire uncurled as we have; so that if the Ethiopians blacknesse came by the heate of the sune, why shoulde not those *Americans* and *Indians* also be as blacke as they, seeyng the sunne is equally distant from them both, they abiding in one paralel: for the concave and convex *superfices* of the orbe of the sun is concentrike and equidistant to y^e earth, except any man should imagine somewhat of *Aux* [Arx] *Solis* and *Oppositum*, whiche indifferently may be applied as wel to y^e one place as to the other. But y^e sunne is thought to give no otherwise heate but by way of angle in reflection, and not by his neerenes to y^e earth; for throughout al Africa, yea in y^e midst of y^e middle zone, and in all other places, upon y^e tops of mountains, there lyeth continuall snow, which is nerer to the orbe of the sunne than y^e people in the valley by so muche as the height of these mountaynes amount unto; and yet the sunne, notwithstanding his nereenesse, can not melt the snow, for want of convenient place of reflexions. Also the middle region of the ayre, where all the hayle, frost and snowe is engendered, is nerer unto the sunne than the earth is, and

Ethiopians
blacke with
curled haire.

The sunne
heateth not
by his near-
nesse, but
only by re-
flexion.

yet there continueth perpetuall colde, bycause there is nothing that the sunnes beames may reflect against, whereby appeareth the neerenesse of the body of y^e sunne worketh nothing. Therefore, to returne again to the blacke Moores, I my selfe have seene an Ethiopian as blacke as a cole brought into Englande, who taking a faire Englishe woman to wife, begatte a sonne in all respects as blacke as the father was, although England were his native countrey and an English woman his mother: whereby it seemeth this blacknesse proceedeth rather of some natural infection of that man, whiche was so strong, that neyther y^e nature of y^e clime neyther the good complexion of the mother concurring coulde anything alter, and therefore we can not impute it to y^e nature of the clime. And for a more fresh example our people of Meta Incognita (of whome and for whome thys discourse is taken in hande) that were broughte this last yeare into Englande, were all generallie of the same coloure that many nations be lying in the midst of the middle zone. And this their coloure was not only in the face, whiche was subjecte to sunne and ayre, but also in their bodies, which were still covered with garments as oures are, yea the verye suckinge childe of twelve moneths age hadde his skinne of the very same coloure that most have under the equinoctiall; which thing can not proceed by reason of the clime, for that they are at least tenne degrees more towards the north than we in Englande are; no, the sunne never commeth neere their zenith by 40 degrees, for in effect they are within three or four degrees of that which they call the frosen zone, whereby it followeth that there is some other cause than the clymate, or thè sunnes perpendicular reflection, that shoulde cause the Ethiopians great blacknesse. And the most probable cause to my judgemente is, that this blacknesse proceedeth of some naturall infection of the first inhabitants of that countrey, and so all the whole progenie of them descended are still poluted

A blacke Moores son borne in England.

The coloure of the people in Meta Incognita.

with the same blot of infection. Therefore it shall not be farre from our purpose to examine the first originall of these blacke men, and how by lineall discente they have hitherto continued this blacke. It manifestly and plainly appeareth by holy Scripture that after the generall inundation and overflowing of the earth, there remained no more men alive but Noe and his three sons, Sem, Cham, and Japheth, who only were lefte to possesse and inhabit the whole face of the earth: therefore all the land that untill this daye hath bin inhabited by sundry discents, must needes come of the offspring eyther of Sem, Cham, or Japheth, as the onely sonnes of Noe, who all three being white and their wives also, by course of nature should have begotten and brought forth white children. But the envie of our great and continuall enemye the wicked spirit is such, that as he could not suffer our old father Adam to live in the felicitie and angelike state wherein he was first created, but tempting him sought and procured his ruine and fal: so againe, finding at this flood none but a father and three sonnes living, he so caused one of them to transgresse and disobey his fathers commandement, that after him all his posteritie shoulde be accursed. The fact of disobedience was this. When Noe at the commandement of God had made and entered the Arke, and the flood gates of heaven were opened, so that the whole face of the earth, every tree and mountaine was covered with abundance of water, he straightly commanded his sonnes and their wives, that they should with reverance and feare behold the justice and mighty power of God, and that during the time of the flood, while they remained in the Arke, they should use continence and absteine from carnall copulation with their wives: and many other preceptes he gave unto them, and admonitions touching the justice of God in revenging sinne and his mercie in delivering them who nothing deserved it. Which good instructions and exhortations notwithstanding, his wicked sonne Cham

The cause
of the
Ethiopians
blacknesse.

The Arke
of Noe.

Chus y^e
soune of
Cham
accursed.

disobeyed, and being persuaded that the first child borne after the flood (by right and law of nature) should inherit and possesse all the dominion of the earth, he, contrarie to his fathers commandement, while they were yet in the Arke used company with his wife, and craftily went about thereby to disinherit the offspring of his other two brethren; for the which wicked and detestable fact, as an example for contempte of Almighty God and disobedience of parents, God would a sonne shuld be borne whose name was Chus, who not only itselfe, but all his posteritie after him, should be so black and lothsome that it might remaine a spectacle of disobedience to all the world. And of this blacke and cursed Chus came all these blacke Moores which are in Africa, for after the water was vanished from off the face of the earth and that the land was drie, Sem chose that part of the land to inhabit in which now is called Asia, and Japhet had that which now is called Europa wherein we dwell, and Africa remained for Cham and his blacke sonne Chus, and was called Chamesis after y^e fathers name, being perhaps a cursed, dry, sandy, and unfruitful ground, fit for such a generation to inhabit in. Thus you see y^t the cause of y^e Ethiopians blacknesse is the curse and natural infection of blood and not the distemperature of the clymate, which also may be proved by this example, that these black men are found in all partes of Africa, as well withoute the tropicks as within, even unto Capo d' buona Speranza southward, where by reason of the sphere should be the same temperature that is in Spayne, Sardigna, and Sicilia,¹ where all be of very good complexions. Wherefore I conclude that the blacknesse proceedeth, not of the hotenesse of the clime, but as I sayd of the infection of bloud, and therefore this their argumente gathered of the Africans blacknesse is not able to destroy the temperature of the middle zone. We may therefore very well be assertayned, that under the equinoctiall is

Africa was
called
Chamesis.

¹ In *Hakluyt*, it stands thus "Sicilia, Morea, and Candie."

the most pleasant and delectable place of the world to dwell in, where, although the sunne for two houres in a yeare be directe over their heads, and therefore the heate at that time somewhat of force, yet bycause it commeth so seldome and continueth so small a time, when it commeth it is not to be wayed, but rather the moderate heate of other times is all the yeare to be remembered. And if the heate at any time should in the shorte day waxe somewhat urgent, the coldnesse of the long night there would easilie refreshe it, according as Honterus¹ sayth, speaking of the temperature under the equinoctiall.

Greatest
temperature
under the
equinoctiall.

*Quodq. die solis violento incanduit aestu
Humida nox reficit, paribusq. refrigerat horis.*

If the heate of the sunne in the day time doe burne or parch any thing, the moysture of the night dothe coole and refresh the same againe, the sunne being as long absente in the night as it was present in the day. Also our author of the *Sphere*, Joannes d' Sacrobosco,² in the chapter of the Zodiacke, deriveth the etimologie of *Zodiacus*, of the Greeke word *Zoe*, which in Latin signifyeth *Vita*, life, for out of Aristotle he alledgeth, that *secundum accessum et recessum solis in Zodiaco, fiunt generationes et corruptiones in rebus inferioribus*: according to the sunnes going to and fro in the zodiacke, the inferiour bodies take their causes of generation and corruption. Then it followeth, that where there is most going too and fro there is most generation and corruption: whiche must needes be betweene the two tropikes, for there the sunne goeth too and fro most, and no where else but there. Therefore betweene the two tropikes, that is, in the midle zone, is greatest increase, multiplication, genera-

Under the
equinoctiall
is greatest
generation.

¹ Joannes Honterus or Honter of Cronstadt in Transilvania, in the 3rd Book of his *Rudimentorum Cosmographicorum libri quatuor*, 1573.

² John Holywood, better known as Joannes de Sacrobosco, the famous author of the *Sphaera Mundi*, an astronomical work which maintained its reputation for four centuries. He was a native of Yorkshire, and died in 1256.

tion and corruption of things; which also we find by experience, for there is sommer twice in the yeare and twice winter, so that they have two harvests in the yeare and continuall spring. Seing then the middle zone falleth out so temperate, it resteth to declare where the hottest part of the world should be, for we fynde some places more hote than others. To answeere this doubt, reason persuadeth the hottest place in the worlde to be under and aboute the two tropickes, for there more than in anye other place doe both the causes of heate concurre, that is, the perpendicular falling of the sun beames at right angles, and a greater continuance of the sunne above the horizon (the pole there being elevated three or foure and twentie degrees). And as before I concluded, that though the sunne were perpendicular to them under the equinoctiall, yet bycause the same continued but a small tyme (theyr dayes being short and theyr nightes long), and theyr speedie departure of the sunne from their zenith, bycause of the suddayne crossing of the zodiacke with the equinoctiall, and that by such continuall course and recourse of hote and colde the temperature grew moderate.

Greatest
heate under
the tropiks.

So now to them under y^e two tropikes, the sun having once by his proper permotion declined 20 degrees from the equinoctiall, beginneth to draw neere theyr zenith, which may bee (as before) aboute the eleventh day of May, and then beginneth to send his beames almost at right angles, about which tyme the sunne entreth into the first degree of Gemini, and with this almost right angle the sunne beames will continue untill it be past Cancer, that is, the space of two moneths every day at noone, almost perpendicular over their heads, being then the time of *Solstitium Aestivale*, whiche so long continuance of the sun aboute their zenith maye cause an extreame heate (if anye be in the world) but of necessitie farre more heate than can bee under the equinoctiall, where the sunne hathe no suche long abode in the zenith, but passeth away therehence very quickly. Also

under the tropikes the day is longer by an houre and a halfe than it is under the equinoctiall, wherefore the heate of the sunne, having a longer tyme of operation, must needes be encreased, especially seeing the nighte, wherein colde and moysture doe abounde under the tropikes is lesse than it is under the equinoctiall. Therefore I gather that under the tropikes is the hottest place, not onely of *Torrida Zona*, but of any other parte of the worlde, especially bycause there both causes of heate doe concurre, that is, the perpendicular falling of the sunne beames two moneths togyther, and the longer abode of the sunnes presence above the horizon. And by this meanes more at large is proved that Marochus in sommer is farre more hote than at any tyme under the equinoctiall, bycause it is situate so neere the tropike Cancer, and also for the length of their dayes. Neyther yet doe I thinke that the regions scituate under the tropikes are not habitable, for they are founde to be verye frutefull also, although Marochus and some other partes of Africa neere the tropike, for the drynesse of the native sandie soile and some accidentes, maye seeme to some to be intemperate for overmuch heate. For Ferdinandus Ouiedus,¹ speaking of Cuba and Hispaniola, ilands of America, lying hard under or by the tropike Cancer, sayeth that these ilandes have as good pasture for cattell as any other countrey in the world.

Also they have most holesome and cleere water and temperate ayre, by reason whereof the heards of beastes are much bigger, fatter, and of better tast than any in Spayne, bycause of the rank pasture, whose moysture is better digested in the hearbe or grasse by continuall and temperate heate of the sunne, whereby being made more fatte and unctious, it is of better and more stedfast nourishment. For continuall and temperate heate dothe not only draw much moysture out of the earth, to the nourishmente of suche things as growe and are engendred in that clyme, but dothe

¹ Oviedo, the Spanish traveller and historian.

Under the
tropics is a
moderate
tempera-
ture.

also by moderation preserve the same from putrifying, digesting also and condensating or thickening the sayd moyst nourishmente into a gummie and unctious substance, whereby appeareth also that under the tropikes is both holesome, frutefull, and pleasant habitation; whereby, lastly, it followeth that al the middle zone, whiche untyll of late dayes hath bin compted and called the burning, broyling, and parched zone, is now found to bee the most delicate, temperate, commodious, pleasaunte, and delectable part of the world, and especially under the equinoctiall.

Havyng nowe sufficiently at large declared the temperature of the middle zone, it remayneth to speake somewhat also of the moderate and continuall heate in colde regions, as well in the nighte as in the daye all the sommer long, and also how these regions are habitable to the inhabitantes of the same, contrarie to the opinion of olde writers.

OF THE TEMPERATURE OF COLDE REGIONS ALL THE SOMMER LONG, AND ALSO HOWE IN WINTER THE SAME IS HABITABLE, ESPECIALLY TO THE INHABITANTS THEREOF.

The colde regions of the worlde are those whiche, tending towarde the pole artike and antartike, are withoute the circuit or bounds of the seaven climates, which, agreeable to the opinion of the olde writers, is founde and sette out in our authore of the *Sphere*, Joannes de Sacrobosco, where he playnely sayeth, that without the seaventh climate, which is bounded by a parallel passing at fiftie degrees in latitude, all the habitation beyonde that to be discommodious and intollerable: but Gemma Phrisius, a late writer, finding England and Scotland to be withoute the compasse of those climates wherein he knew to be very temperate and good habitation, added thereunto two other climates, the utter-

Nine
climates.

most paralell whereof passeth by 56 degrees in latitude, and therein comprehendeth over and above the first computation, England, Scotland, Denmarke, Moscovia, etc., which all are rich and mightie kingdomes.

The old writers, perswaded by bare conjecture, went aboute to determine of those places, by comparing them to their own complexions, bycause they felt them to be hardly tolerable to themselves, and so toke thereby an argument of the whole habitable earth, as if a man borne in Morochus, or other part of Barbarie, should at the latter end of sommer, upon the suddayne, eyther naked, or wyth hys thinne vesture, be broughte into England, he would judge this region presently not to be habitable, bycause he being broughte up in so warme a countrey, is not able heere to live, for so sodaine an alteration of the cold ayre; but if the same man hadde come at the beginning of sommer, and so afterwarde by little and little by certaine degrees, had felt and acquainted himselfe with the frost of autumnne, it would have seemed by degrees to harden him, and so to make it far more tollerable, and by use after one yeere or two, the ayre woulde seeme to hym more temperate. It was compted a greate matter in the olde time, that there was a brasse pot broken in sunder with frozen water in *Ponthus*, which after was broughte and shewed in *Delphis*, in token of a miraculous cold region and winter, and therefore consecrated to the Temple of Apollo.

A comparison
betweene
Marochus
and Eng-
land.

This effect being wroghte in the paralell of 48 degrees in latitude, it was presentlye compted a place verye hardlye and uneasily to be inhabited for the greate colde. And howe then can suche men define uppon other regions very farre without that paralell, wh'er they were inhabited or not, seeing that in so neare a place they so grossely mistooke the matter, and others their followers being contented with the inventions of the olde authors, have persisted willingly in the same opinion, with more confidence than consideration

of the cause, so lightly was that opinion received, as touching the uninhabitable clime neare and under the Poles.

All the north regions are habitable.

Therefore I am at this present to prove y^t all the land lying betweene the laste climate even unto the point directly under either Poles, is or maye be inhabited, especially of suche creatures as are ingendred and bredde therein. For indeed it is to be confessed, that some particular living creature cannot live in every particular place or region, especially wyth the same joy and felicitie, as it did where it was first bredde, for the certaine agreement of nature that is betweene the place, and the thing bredde in that place, as appeareth by the elephant, which being translated and brought out of the second or third climate, though they may live, yet will they never ingender or bring forth yong. Also wee see the like in many kinds of plants and hearbs: for example, the orange tree, although in Naples they bring forth fruit abundantly, in Rome and Florence they will beare onely faire greene leaves, but not any fruite: and translated into England, they will hardly beare either flowers, fruite, or leaves, but are the next winter pinched and withered with colde: yet it followeth not for this, that England, Rome, and Florence should not be habitable.

Elephant.

Orange tree.

Two causes of heate.

In the proving of these colde regions habitable, I shall be verye shorte, bicause the same reasons serve for this purpose, which were alleaged before in the proving the middle zone to be temperate, especially seeing all heate and colde proceede from the sunne, by the meanes eyther of the angle his beames doeth make with the horizon, or else by y^e long or shorte continuance of the sun's presence above ground: so that if the sunnes beames do heate perpendicularye at righte angles, then there is one cause of heate, and if the sunne doe also long continue above the horizon, then the heate thereby is muche increased by accesse of this other cause, and so groweth to a kind of extremitie. And these ii causes, as I said before, doe moste concurre under the two tropickes, and

therefore there is the greatest heate of y^e worlde. And likewise, where both these causes are most absent, there is greatest want of heate, and encrease of colde (seeing that colde is nothing but the privation and absence of heat), and if one cause be wanting and the other present the effect will grow indifferent. Therefore this is to be understood, that the nearer anye region is to the equinoctiall the higher the sunne doeth rise over their heades at noone, and so maketh either righte or neare righte angles, but the sun tarryeth with them so much the shorter time, and causeth shorter dayes, with longer and colder nights, to restore the damage of the daye paste, by reason of the moisture consumed by vapour. But in such reasons, over the which the sun riseth lower (as in regions extended towards eyther pole) it maketh there unequall angles, but the sunne continueth longer, and maketh longer dayes, and causeth so much shorter and warmer nights, as retayning warme vapoures of the daye paste. For there are found by experience sommer nights in Scotland and Gothland very hot, when under the equinoctiall they are found very colde. This benefit of the sunnes long continuance and encrease of the day, doth augment so muche the more in colde regions, as they are nearer the poles, and ceaseth not encreasing, until it come directly under the point of the pole articke, where the sunne continueth above grounde the space of sixe moneths or halfe a yeare together, and so the daye is halfe a yere longe, that is the time of y^e suns being in the north signes, from the first degree of Aries until the last of Virgo, that is all the time from our 10 day of March, untill the 14th of September. The sun therefore during the time of these 6 moneths without any offence or hindaunce of the nighte, gyveth his influence upon those landes with heate that never ceaseth during that time, which maketh to the great increase of sommer, by reason of the sunnes continuance. Therefore it followeth, that though the sunne be not there very high over their heads to cause right

Hot nights
near y^e
pole.
Cold nights
under the
equinoctiall.

One daye
of sixe
moneths.

angle beams and to give great heate, yet the sun being there sometime almost 24 degrees high, doth caste a convenient and meane heate which there continueth without hinderance of the night the space of six moneths (as is before saide) during whiche time there foloweth to be a convenient, moderate and temperate heat, or else rather it is to be suspected the heat there to be very great, both for continuance and also *quia virtus unita crescit*, the vertue and strength of heat united in one encreaseth. If then there be suche a moderate heat under the poles, and the same to continue so long time, what shoulde move the olde writers to saye there cannot be place for habitation. And that the certaintie of this temperate heat under both the poles might more manifestlye appeare, lette us consider the position and qualitie of the sphere, the length of the day, and so to gather the heighte of the sunne at all times, and by consequent the quantitie of his angle, and so lastely the strength of his heate.

Those landes and regions lying under the pole and having the pole for their zenith, muste needes have the equinoctiall circle for their horizon, therefore the sunne entring into the north signes, and describing every 24 houres a paralell to the equinoctiall by the diurnall motion of *Primum Mobile*, the same paralels must needes be wholly above the horizon, and so looke how many degrees there are from the fyrst of Aries to the last of Virgo, so many whole revolutions there are above theyr horizon y^t dwell under the pole, whiche amounteth to 182, and so manye of oure dayes the sunne continueth with them. During whych tyme they have there continuall daye and lighte withoute anye hinderance of moiste nightes. Yet it is to be noted that the sunne being in the fyrst degree of Aries, and laste degree of Virgo, maketh his revolution in the very horizon, so that in these 24 houres halfe the body of the sunne is above the horizon and the other halfe is under this only center, describing both the horizon and the equinoctiall circle.

The sun
never
setteth in
a 182 dayes.

Horizon
and equi-
noctiall one
under the
pole.

And therefore seeing the greatest declination of the sun is almost 24 degrees, it followeth his greatest height in those countries to be almost 24 degrees. And so high is the sun ^{London.} at noone to us in London about y^e 29 of October, being in the 15 degree of Scorpio, and likewise the 21 of January being in the 15 of Aquarius. Therefore looke what force the sun at noone hath in London the 29th of October, the same force of heate it hathe, to them that dwell under the pole, the space almost of two moneths, during the time of the sommer *solstitium*, and that without intermingling of any colde night : so that if the heate of the sunne at noone coulde be well measured in London (which is verye harde to do, bycause of the long nights, whiche engender greate moysture and colde), then woulde manifestly appeare by expresse numbers the maner of the heate under the poles, which certainly must needes be to the inhabitants verye commodious and profitable, if it inclyne not to over much heate, and if moysture do not want.

For as in October in England we find temperate aire, and have in our gardens hearbes and floures notwithstanding our colde nights, how much more shoulde they have y^e same good ayre, being continual without night. This heate of ours continueth but one houre while the sunne is in y^e meridian, but theirs continueth a long time in one height. This our heate is weake, and by the coolenesse of the night vanisheth ; that heate is strong, and by continual accesse is still increased and strengthened. And thus by a similitude of the equal height of the sunne in both places, appeareth the commodious and moderate heate of the regions under the <sup>Commo-
dious under
the poles.</sup> poles.

And surely I can not thinke that the divine providence hath made any thing uncommunicable, but to have given such order to all things that one way or other the same shoulde be employed, and that every thing and place should be tollerable to the next. But especiallye all things in this

lower world be given to man to have dominion and use thereof. Therefore wee neede no longer to doubt of the temperate and commodious habitation under the poles during the tyme of sommer.

The nightes
under the
pole.

And al the controversie consisteth in the winter, for then the sun leaveth those regions, and is no more seene for the space of other sixe months, in the which time al the sunnes course is under their horizon for the space of halfe a yeare, and then those regions (saye some) muste needs be deformed with horrible darkenesse and continuall nyghte, whiche maye be the cause that beastes can not seeke their foode, and that also the cold should then be intollerable. By which double evils al living creatures should be constrained to die, and were not able to indure the extremitie and injurie of winter and famine ensuing thereof, but that all things shoulde perish before the sommer folowing, when they should bring forth their broode and yong, and that for these causes y^e said clime about the pole shold be desolate and not habitable. To al which objections may be answered in this manner: first, that though the sun be absent from them those five months, yet it followeth not there should be such extreame darkenesse, for as the sunne is departed under their horizon, so is it not farre from them. And not so soone as the sunne falleth, so sodainely commeth the darke night, but the evening doth substitute and prolong the daye a good while after by twilight. After which time the residue of y^e night receiveth light of the moone and starres untill the breake of the day, which giveth also a certaine light before the sunnes rising, so that by these means the nights are seldom dark, which is verified in all parts of the world, but least in the middle zone under the equinoctiall, where the twylights are short and the nights darker than in any other place, bycause the sun goeth under their horizon so deepe, even to their *antipodes*. Wee see in Englande in the sommer nights, when the sun goeth not far

The twy-
lights give
light under
the pole
almoste at
the winter.

under the horizon, that by the light of the moone and stars wee may travel al night, and if occasion were do some other labour also. And there is no man that doubteth whether our cattel can see to feede in y^e nights, seeing wee are so well certified thereof by our experience: and by reason of the sphere, our nights should be darker than any time under the poles. The ending of twilight.

The astronomers consent that the sun, descending from our upper hemisphere at the 18 paralell under the horizon, maketh an end of twilight, so that at length the darke night ensueth, and that afterward in the morning, the sun approaching againe within as many paralels, doth drive away y^e night by accesse of y^e twilight. Againe, by the position of the sphere under y^e pole, the horizon and the equinoctiall are al one. These revolutions therefore that are paralell to the equinoctiall are also paralel to the horizon, so that the sun descending under y^e horizon, and there describing certain paralels not farre distant, doeth not bringe darke nights to those regions until it come to the paralels distant 18 degrees from y^e equinoctiall, that is, about y^e 21 degree of Scorpio, which wil be about y^e 4 day of our November and after the winter *solstitium*, y^e sun retourning backe againe to y^e 9 degree of Aquarius, whiche wil be aboute y^e 19 of January, during which time only, that is from y^e 4 of November untill the xix day of January, which is about six weeks space, those regions do want y^e commoditie of twylights. Therefore, during y^e time of these said six moneths of darknesse under y^e poles, y^e night is destitute of y^e benefit of y^e sun, and y^e said twilights, only for y^e space of six weeks or thereabout. And yet neither this time of six weeks is without remedy fro heaven. For y^e moone with hir increased light hathe accesse at that time and illuminateth the moneths, lacking light every one of themselves severally halfe the course of y^e moneth, by whose benefite it commeth to passe y^t y^e night named extreame dark possesseth those

But six weeks dark under the pole.

regions no longer than one moneth, neither that continually or al at one time, but this also divided into two sorts of shorter nights, of y° which either of them endureth for y° space of 15 dayes, and are illuminate of y° moone accordingly. And this reason is gathered out of the sphere, whereby we may testifie y^t the sommers are warme and fruitful, and the winters nights under the pole are tollerable to living creatures. And if it be so that the winter and time of darknes there be very cold, yet hath not nature left them unprovided therefore. For there y° beasts are covered with haire so muche the thicker in how much the vehemencie of cold is greater, by reason wherof the best and richest fures are broughte out of the coldest regions. Also the foules of these cold countries have thicker skins, thicker feathers, and more stored of down than in other hot places. Our Englishmen that travel to S. Nicholas, and go a fishing to Warehouse, enter far within the circle artike, and so are in the frozen zone; and yet there, as well as in Iseland, and all along those northern seas, they finde the greatest store of the greatest fishes that are, as whales, etc., and also abundance of meane fishes, as herings, coddess, haddockes, brettess, etc., whiche argueth, that the sea as well as the land, maye bee and is well frequented and inhabited in the colde countries.

The creatures of that countrie are provided for the cold.

But some, perhaps, will marvel there should be such temperate places in y° regions aboute y° poles, when at under degrees in latitude, our Captaine Frobisher and his company were troubled wyth so manye and so great mountaines of flecting ise, with so great stormes of colde, with such continuall snow on toppes of mountaines, and with such barren soyle, there being neither woodde or trees, but lowe shrubbes, and suche like. To al which objections may be answered thus:—First, those infinite ilandes of ise were engendered and congealed in time of winter, and now by the gret heate of sommer were thawed, and then by

An objection of Meta Incognita.

ebbes, floudes, windes, and currants, were driven to and fro, and troubled the fleete, so that this is an argument to prove the heat in sommer there to be great, that was able to thaw so monstrous mountaines of ise. As for continuall snow on tops of mountains, it is ther no otherwise than is in the hottest parte of the middle zone, where also lyeth great snowe al the sommer long uppon toppes of mountaines, bycause there is not sufficient space for the sunnes reflection wherby the snowe should be molten. Touching the colde stormy windes, and the barrennesse of the country, it is there, as it is in *Cornwall* and *Devonshire* in England, which parts, though we know to be fruitful and fertile, yet on the north side therof al alongst the coast within seaven or eight myles off the sea, there can neither hedge nor tree grow, although they be diligently by art husbanded and seene unto; and the cause therof are the northerne driving windes, whiche, coming from the sea, are so bitter and sharp, that they kill al y^e yong and tender plants, and suffer scarce anything to grow, and so is it in y^e ilands of *Meta Incognita*, which are subject most to east and northerne winds, which y^e last were choked up y^e passage so with ise, that the fleet could hardly recover their port; yet, notwithstanding all the objections that may be, the countrey is habitable, for there are men, women, children, and sundrie kind of beastes in great plentie, as beares, dere, hares, foxes, and dogges: all kind of flying fowles, as duckes, seamews, wilmots, partriches, larkes, crowes, hawkes, and such like, as in the thirde booke you shall understand more at large. Then it appeareth, that not only the middle zone, but also the zones about the poles are habitable, which thing being well considered, and familiarly knowen to our generall Captaine Frobisher, as well for that he is thoroughly furnished of the knowledge of the sphere, and all other skilles apperteyning to the art of navigation, as also for the confirmation he hath of the same by many ycares experience, both by sea and

Meta Incognita
inhabited.

Captaine
Frobisher

Frobisher's
first voyage.

Captaine
Frobisher
pretended
this disco-
verie above
xv yeares
agoe.

land, and being persuaded of a new and neerer passage to Cataya, than by Capo d'buona Speranza, which the Portugalles yeerly use. He began first with himselfe to devise, and then with his friendes to conferre, and layde a playne platte unto them, that that voyage was not onely possible by the north-weast, but also, as he coulde prove, easie to bee performed. And further, he determined and resolved wyth himselfe, to go make full prooffe thereof, and to accomlishe, or bring true certificate of the truth, or else never to retourne againe, knowing this to be the onely thing of the worlde that was left yet undone, whereby a notable mind mighte be made famous and fortunate. But although his will were great to performe this notable voyage, whereof hee had conceived in his mind a great hope, by sundry sure reasons and secret intelligence, whiche heere, for sundry causes, I leave untouched—yet he wanted altogether meanes and abilitie to set forward and performe the same. Long tyme he conferred with his private friendes of these secretes, and made also manye offers for the performing of the same in effect unto sundry merchants of our countrey, above fifteen yeares before he attempted the same, as by good witness shall well appeare (albeit some evill willers whiche challenge to themselves the frutes of other mens laboures, have greatly injured him in the reportes of the same, saying that they have bin the first authors of that action, and that they have learned him the way, which themselves, as yet, have never gone). But perceyving that hardly he was hearkened unto of the merchants, whiche never regarde vertue withoute sure, certayne, and present gaynes, hee repayred to the courte (from whence, as from the fountaine of oure commonwealth, all good causes have theyr chiefe encrease and mayntenance), and there layde open to manye great estates and learned men, the plot and summe of hys devise. And amongst manye honourable myndes whyche favoured hys honest and commendable enterprise, he was specially bounde and beholding to the

ryghte honourable Ambrose Dudley, Earle of Warwicke, whose favourable mynde and good disposition, hath alwayes bin readye to countenance and advance all honest actions wyth the authors and executors of the same ; and so by meanes of my lorde hys honourable countenance, hee recyved some comforte of hys cause, and by little and little, with no small expense and payne, brought hys cause to some perfection, and hadde drawn together so many adventurers and suche summes of money as myghte well defray a reasonable charge, to furnishe hymselfe to sea withall.

He prepared two small barkes of twentie and fyve and twentie tunne a peece, wherein hee intended to accomplish his pretended voyage. Wherefore, beeyng furnished wyth the foresayde two barkes and one small pinnesse of tenne tunne burthen, havynge therein victuals and other necessaries for twelve monethes provision, he departed upon the sayde voyage from Blackewall the fiftenth of June, *Anno Domini* 1576.

Furniture
for the first
voyage.

One of the barkes wherein he wente, was named the Gabriell and the other the Michaell, and sayling north-weast from Englande upon the firste of July, at length he hadde sighte of a highe and ragged lande, whiche he judged Freeselande (whereof some authours have made mention), but durst not approche the same by reason of the greate store of ise that lay alongst the coast, and the greate mistes that troubled them not a little.

Gabriell and
Michaell.

Not farre from thence hee lost companie of his small pinnesse, whiche, by meanes of the greate storme, he supposed to bee swallowed uppe of the sea, whercin he lost onely fourc men.

The
pinnesse
lost.

Also the other barke named the Michaell mistrusting the matter, conveyed themselves privilie away from him, and returned home wyth greate reporte that he was cast awaye.

The
Michaell
returned
home.

The worthye captayne, notwithstanding these discomfortes, although his mast was sprung, and his toppe mast blowen

Queene
Elizabeths
Forlande.

overboorde wyth extreame foule weather, continued hys course towardes the north-weast, knowing that the sea at length must needes have an endyng, and that some lande shoulde have a beginning that way ; and determined, therefore, at the least, to bryng true prooffe what lande and sea the same myght bee, so farre to the northwestwardes, beyonde anye man that hathe heeretofore discovered. And the twentieth of July hee hadde sighte of a highe lande, whyche hee called Queene Elizabeth's Forlande, after hyr Majesties name, and sayling more northerlie alongst the coast he descried another forlande with a greate gutte, bay, or passage, deviding as it were, two maynelands or continents asunder. There he met with store of exceeding great ise al this coast along, and coveting still to continue his course to the northwardes, was alwayes by contrarie winde deteyned overthwarte these straytes, and could not get beyonde. Within few days after he perceyved the ise to be well consumed and gone, eyther there engulfed in by some swifte currants or in draftes caried more to the southwardes of the same straytes, or else conveyed some other way ; wherefore he determined to make proff of this place to see how far that gutte had continuance, and whether he mighte carrie himselfe through the same into some open sea on the backe syde, whereof he conceyved no small hope, and so entred the same the one-and-twentieth of July, and passed above fyftie leagues therein, as hee reported, having upon eyther hande a greate mayne or continent ; and that land upon hys right hande as hee sayled westward, he judged to be the continente of Asia, and there to bee devided from the firme of America, whiche lyeth upon the lefte hande over against the same.

Frobishers
first en-
trance
within the
streightes.

Frobishers
streytes.

This place he named after his name Frobisher's Streytes, lyke as Magellanus at the south-weast ende of the worlde having discovered the passage to the South Sea (where America is devided from the continente of that lande whiche

lyeth under the south pole), and called the same straites Magellanes streightes. After he hadde passed 60 leagues into this foresayde strayte hee wente ashore, and founde signe where fire had bin made.

He saw mightie deere y^t seemed to be mankind, which Deere. ranne at him, and hardly he escaped with his life in a narrow way, where he was faine to use defence and policie to save his life.

In this place he saw and perceyved sundry tokens of the peoples resorting thither, and being ashore upon the toppe of a hill, he perceived a number of small things fleeting in the sea afarre off, whyche hee supposed to be porposes or seales, or some kinde of strange fishe; but coming nearer, The firste sight of the salvage. he discovered them to be men in small boates made of leather. And before he could descende downe from the hyll certain of those people had almost cut off his boate from him, having stollen secretly behinde the rocks for that purpose, where he speedily hasted to his boate and bente himselfe to his holberte, and narrowly escaped the daunger and saved his bote. Afterwards he had sundry conferences with them, and they came aborde his ship, and brought him salmon and raw fleshe and Salmon. fishe, and greedily devoured the same before our mens faces. And to shewe their agilitie, they tryed many maisteries upon the ropes of the ship after our mariners fashion, and appeared to be very strong of theyr armes and nimble of their bodies. They exchaunged coates of seale and beares skinnes, and suche like, with oure men, and received belles, looking-glasses, and other toyes in recompence thereof againe. After great curtesie and many meetings, our mariners, contrarie to theyr captaines dyrection, began more easily to trust them, and five of oure men going ashoare, were by them intercepted with theyr boate, and were never since hearde of to Five Englishmen intercepted and taken. this daye againe. So that the captaine being destitute of boate, barke, and al company, had scarcely sufficient number to conduct back his bark againe. He coulede nowe neither

convey himselfe ashore to rescue his men (if he had bin able), for want of a boate ; and again, the subtile traytours were so warie as they would after that never come within our mens danger. The captaine, notwithstanding, desirous to bring some token from thence of his being there, was greatly discontented that he had not before apprehended some of them. And therefore to deceive the deceivers he wrought a prettie pollicie, for knowing well how they greatly delighted in our toyes, and specially in belles, he rang a pretie lowbel, making wise that he would give him the same that would come and fetch it. And bycause they would not come within his daunger for feare, he flung one bell unto them, which of purpose he threw short that it might fal into the sea and be lost. And to make them more greedie of the matter he rang a lowder bell, so that in the ende one of them came neare the ship side to receive the bell, which, when he thought to take at the captaine's hand he was thereby taken himself; for the captain being redily provided, let the bell fal and cought the man fast, and plucked him with maine force boate and al into his bark out of the sea. Wherupon, when he founde himself in captivitie, for very choller and disdain, he bit his tong in twayne within his mouth: notwithstanding, he died not therof, but lived untill he came in Englande, and then he died of colde which he had taken at sea.

*Taking of
the first
savage.*

Nowe with this newe pray (whiche was a sufficient witnesse of the captaines farre and tedious travell towards the unknowne partes of the worlde, as did well appeare by this strange Infidel, whose like was never seen, red, nor harde of before, and whose language was neyther knowne nor understoode of anye) the saide Captaine Frobisher returned homeward, and arrived in England in August folowing, an. 1576, where he was highly commended of all men for his great and notable attempt, but specially famous for the great hope he brought of the passage to Cataya, which he

*Frobishers
returne.*

doubted nothing at all to find and passe through in those parts, as he reporteth.

And it is especially to be remembred at the first arrivall in those partes, there laye so great store of ise all the coaste along so thicke together, that hardely his boate coulde passe unto the shoare. At lengthe, after diverse attempts, he commaunded his company if by anye possible meanes they could get ashore, to bring him whatsoever thing they could first find, whether it were living or dead, stocke or stone, in token of Christian possession, which thereby he toke in behalfe of the Queenes most excellent Majestie, thinking that therby he might justify the having and enjoying of y^e same things that grew in these unknowne partes.

The taking
possession
of Meta
Incognita.

Some of his companye broughte floures, some greene grasse, and one brought a peece of a blacke stone, much lyke to a seacole in coloure, whiche by the waight seemed to be some kinde of mettall or mynerall. This was a thing of no accompt in the judgement of the captain at the first sight. And yet for novelty it was kept, in respect of the place from whence it came.

How the ore
was found
by chance.

After his arrival in London, being demanded of sundrie his friendes what thing he had brought them home of that country, he had nothing left to present them withall but a peece of this black stone. And it fortun'd a gentlewoman, one of y^e adventurers wives, to have a peece thereof, which by chance she threw and burned in the fire, so long, that at the length being taken forth and quenched in a little vinegre, it glistered with a bright Marquesset of golde. Whereupon the matter being called in some question, it was brought to certain goldfinders in London to make assay therof, who indeed found it to hold gold, and that very ritchly for the quantity. Afterwards, the same goldfinders promised great matters thereof if there were anye store to be found, and offred themselves to adventure for the serching of those partes from whence the same was brought. Some,

Many
adventures.

that had great hope of the matter, sought secretly to have a lease at hir Majesties hands of those places, whereby to enjoy the masse of so great a publike profit unto their owne private gaines.

In the
second voy-
age commis-
sion was
given only
for ye
bringing
of ore.

In conclusion, the hope of the same golde ore to be founde, kindled a greater opinion in the heartes of many to advaunce the voyage againe. Whereupon preparation was made for a newe voyage against the yeare following, and the captaine more specially directed by commission for the searching more of this golde ore than for the searching any further of the passage. And being wel accompanied with diverse resolute and forward gentlemen, hir Majestie then lying at the right honourable the Lord of Warwicks house in Essex, came to take theyr leaves, and kissing hir highnesse hands, with gracious countenance and comfortable words departed towards their charge.

STATE PAPERS SUBSEQUENT TO THE FIRST
VOYAGE.

- I. ANOTHER ACCOUNT OF THE FIRST VOYAGE. ANONYMOUS, BUT APPARENTLY BY MICHAEL LOK.
- II. MICHAEL LOKS ACCOUNT OF HIS CONNECTION WITH CAPTAIN FROBISHER.
- III. MR. LOCKES DISCOARS TOUCHING THE EURE.
- IV. MR. MARTIN FURBISHERS PETITION TO HER MAJESTIE.
- V. A BRIEF NOTE OF THE COSTE OF THREE SHIPPS.
- VI. A NOTE OF PROVISION AND FURNYTURE FOR THE SAME.
- VII. SHIPPINGE THOWGHT MEET TO BE EMPLOYED.
- VIII. THE NAMES OF THE VENTURERS.
- IX. REPORT ON THE OUTFIT FOR THE SECOND VOYAGE.
- X. ARTICLES OF GRAUNT FROM THE QUEENS MAJESTIE TO THE COMPANY OF KATHAY.
- XI. ARTICLES CONSENTED TO AND FULLY AGREENDE BY THE COMPANY OF KATHAY.

STATE PAPERS SUBSEQUENT TO THE FIRST VOYAGE.

[*Otho, E.*, viii, fol. 46 (47) ; *Colonial*, 27.]

EAST INDIA BY THE NORTHWESTW[ARD].

Captayn hath now allready and hath put that matter owt of [all dowbt] that he there hath found the same seas [passing from] the one into the other. Neither nede I [say anythi]ng touching the naturall riches and infinit t[reas]or and the great traffik of rich merchandise th[at] is in those cuntries of Kathay, China, India, and [other] cuntries therabouts, for that every boke of histo[ry or] cosmography of those parts of the world, which a[re] to be had in euery prynters shop, doo declare [the] same at large: and the cuntries of Spayn and Portingale doo fynde and feele the same to their great ioy. But of the matters that chiefly moved me to enterprise and avance this new voyage, and to venture my mony therein so largely: I will say briefly that three things chiefly moved me thereto. First: The great hope to fy[nde] our English seas open into the seas of East India by that way, which I conceived by the great likelihood therof which I found in reading the histories of many mens travailes toward that parte of the world, whereby we might have passage by sea to those rich cuntries for traffik of merchandize, which was the thing I chiefly desyred. Secondly: I was assured by manifolde good proofs of dyvers travaillers and histories, that the cuntries of Baccaleaw, Canada, and the new fownd lands thereto adioining, were full of people and full of such commodities and merchandize, as are in the cuntries of Lappia, Russia, Moscovia, Permia, Pechora, Samoietza, and the cuntries thereto adioining, which are fures, hydes, wax, tallow, oyle, and other. Whereby yf yt should happen those new lands to stretch to the north pole so that we could not have passage by sea that way which we sought to the northwestward to pas into East India, yet in those same new lands to the northwestward might be established the like trade of merchandize, as is now, in the other sayd cuntries of the that on the sea coasts to the northwestwards [abunda]nce of fish of many kyndes, and of wha[les and other gre]at fishes wherof the trane oyle is made [and the best] place for fishing therof that is in any pla[ce in the w]orld whereby would also grow to the

realm, and [to all the] followers therof great riches and benefit. And now, to speake of the good mynde and sufficient [courage] of this rare and valiant Captayn Martyn Froby[sher], who hath thus put his lyfe in so great hazard and endured such great labours for the benefit of his cuntry, as the like is not to be read of in any history, yf his dooings and theirs be duly considered and compared. My eloquence and wit are insufficient to declare the same. Nevertheles, according to my small talent therein, I will briefly show my good will towards him in declaring the truthe of him and his dooings according to my knowledge and true information had thereof, referring his due commendations therefore unto other whom God shall move in due tyme to doo the same, according to his great good deserts. He was borne at _____ of honest parentage—jentlemen of a good house and antiquity, who, in his youth for lak of good scholes therabout, sent him to London, being of the age of _____ yeres, where he was put to Sir John York, knight, now deceased, being his kinsman ; who, perceiving him to be of great spirit and bould courage, and naturall hardnes of body, sent him in the ship named _____ to the hote cuntry of Guinea in company of _____ other ships which were set owt by dyvers merchants of London, Anno Domini _____ in which voyage &c., [t]hus being furnished with ship[s] and all other things] necessary in as ample manner as the [funds supplied] would reach : in the name of God he set [sail and depa]rted withall on his voyage from Ratelyfe the vii day of June, anno domini 1576, and [Gr]avesend the xii day of June aforesayd. And bei[ng] ath]wart of Harwith the xiii day with a contrary wynd he put into Harwich, and departed agayn from thence [on the] xiiii day, and passing along the coast northwards with _____ skant wyndes was put agayn to Harwich three tym[es], and arived at Yarmouth Road the xviiith day, and set sail from thence the xixth day, and with fayr weather arived at the Ile of Shotland the xxvi day of June, wher[e] they ankered one tyde to refresh their water. And the same day at night set sayle agayne with a large wynd and fayr weather on their way northwestward untill th[e] xxxth day, wheron the weather grew to very great storm, which continued untill the viii day of July, in which tyme they could beare no manner of sayle. And in the sayd night they lost the sight of their small pynnes having three men therein, which they could never syns here of, though they used all possible diligence and means that the weather would suffer to seke and save the same. And when the storm ceased they set sayle and passed along on their way agayn, and on the xith day of July they had sight of land vnknown to them, for they could not come to set fote theron for the marveilous haboundance of monstrous great ilands of ise which lay dryving all alongst the coast therof. But by coniecture had owt of histories and cartes of cosmography yt should seeme to be the great Ilond of Friseland, which they saw all along by the eastern syde therof. And bearing in nerer to discover the same, they found yt mar-

veilous high, and full of high ragged roks all along by the coast, and some of the ilands of ise were nere yt of such heighth as the clowds hanged about the tops of them, and the byrds that flew about them were owt [of sight] they lost [shi]p Michael, to their great discomfor[ture] [u]ntill their return to London for that [com]pany of that ship Michael being to make discovery of newe lands nor cou-[rage] that he possessed at his departure from [Being] now (rather willingly then by force), separated from their captayn, and put to their own shift [and gove]rnment, toke counsaile with his mariners and com[rades] in the ship what they were best to doo. And among [them]-selves concluded (as they say), that having yet a good [ti]me of the yere, and iudging themselves to be not far from [the] new land named Labrador, they wolde procede accor[din]g to their commission, at the least, to see that land and proceeding within iiij dayes, they saw that land. and found [it] so compassed with monstrous high ilands of ise fleting [b]y the sea shore, that they durst not approche with [th]eir ship, nor land thereon with their bote. And [so] in great discomfort cast about with the ship the [n]ext day: and set their course bak agayn homward to [L]ondon, where they arived the first day of September. And in this mean tyme the sayd captayn with his ship Gabriel (as is sayd before) being overset with a sea which they shipped on the xij day of July in the rage [of] an extreme storm which cast the ship flat on her syde. And being open in the wayste, fylled her with water so as she lay still for sunk: and would not weare nor steare with any help of the helm: and could never have rysen agayn but by the marveilous work of God's great mercy to help them all. In this distres when all the men in the ship had lost their courage, and did dispayre of lyfe: the captayne like himselfe with valiant courage stood up and passed amongst the ship's side in the chayn wales lying on her flat syde, and caught holde on the weather leche of the foresaile and in the weather coyling of the ship, the foreyard brake. And to lighten the ship, they cut over the main maste. And the mariners allso would have cut over the mayn maste, which the capit[ayn] [u]pright agayn being full of w[ater]. And so with the rolling of the both sydes, the water yssued and withall [m]any things fleting over the ships sydes. [An]d so they put the ship before the sea all [that day] and next night in that storm: wherein allso they their mayn maste afterward, and mending it ag[ayn]. And the storm being ceased, and being now owt of [hope] any more to mete with his other ship: yet sti[ll] de]termined alone to follow his enterprise and voyage a[ccor]ding to commission to the uttermost of his power. A[nd] rather to make a sacrifice onto God of his lyfe than to return home without the discovery of K[athay] except by compulsion of extreme force and necessity. And so returned to the course of his way toward t[he] Land of Labrador, according to commission. And by fay[re] and by fowle on the xxixth day of July the capitayn himself first had sight of a new land of a mar-

veillous great heith : which by the account of the course and way they iudged to be the Land of Labr[ador] as in dede upon good proof afterward they iudge yt s[till] so to be. The hed land wherof he named Elizabeth Foreland in memory of the Quene's Majestie. And drawing still nere thereto in great comfort, when they approached nere they fownd the sea-shore full of monstrous high ilands and mountayns of ise fleting and driving with the wyndes and tydes and streams so as they durst not yet approche with their ship to land theron. Nevertheles remaying still with hope by some means of serch to fynde a safe place to enter with the ship ; and passing still to and fro along the coste, still in the sight of land as occasion required to avoyd dangers : within the tyme of xvj dayes the yse being well consumed and gone : they did land in three or four places upon ilands, and the master of the ship did land upon the first iland and named it Halls Iland after his own name, and there repayed his ship of her laks and leaks they fo[un]d y[t] betwene two great mayn [wh]ich they named Frobysher's streit, by [reason of his] name who discovered yt : and many ilands good harboroughs for ships which they dis[covered as] they passed. And on the sixth day of August [they f]ownd an iland which liked them, and named yt by the naem of one of the mariners which first [espyed] the same. And thereon they landed. And the capi[tayn] and six of his men went to the top of an high moun[tain] therof to discover about them : and there theie espyed [vij] strange botes with men rowing toward that iland. [Wh]er-upon in great haste they ran down agayn to recover [the]ir own bote which hardly they recovered before the ari[va]ll of those vij botes. But so he returned to his ship [wi]th his bote to put all in readynes for defence yf nede [sh]ould be. And sent aland his skyf with men, [to] vewe the men and have speache with them as they could. They made of friendship to our men for desyre to have [th]em on land to take their rest. And by signes yt was agreed that one of their men came in the skyf aborde the ship, and in pledge for him one of our men went on land to them. And this man being in the ship made great wondering at all things : and the capitayn gave him to taste of the ship's meat and drink and wyne : but he made no countenance of liking any. And he gave him and other tryffles which he liked well and toke them with him to land where he was delyvered and our man received bak agayn. And hereby the captayn perceiving these strange people to be of countenance and conversation proceeding of a nature geven to fyersnes and rapyne, and he being not yet well prepared in his ship for defence, he set sayle presently, and departed thens to take more tyme to prepare for defence to an other iland which they named by name of being very nere to the mayn land (on the northern syde) which they named on land. But be[ing] no [w] [w]ynde contrary they passed from [th]e western land : and there ankered [and] prepared them selves to defend the best they [could as] nede should be ; which was no force having so [small a]

ship now armed with so faynt and weake men [who had] so great labours and diseases suffered at the sea [the] captayn only excepted, whose force and courag[e never] fayled for all his labours passed. And on this [wes]tern shore the capitayn with of his men went on [shore] on an iland mynding to have gone to the top of an high [moun]tayn to discover what he could of the straiets of the sea [and] land about, and there he saw far the two hed lands at [the] furdest end of the straiets and no likelyhood of land to th[e] northwards of them and the great open betwene th[em] which by reason of the great tydes of flood which they found comming owt of the same, and for many other good reasons they iudged to be the West Sea, whereby to pas to Cathay and to the East India. And on this syde the sa[yd] hedlands they saw many ilands not far asonder. A[nd] there also they found the walls of xij olde houses of the cuntry-like cottages but no people in them. Which cottages seemed rather to have byn work 'of' houses, th[an] dwelling houses where they perchance used to dres leather, trane oyle of some whales, or seales, or other great fisshes, of whose bones they saw there great store. And withall they also espyed in a valley right under them iij houses covered with leather of seales skyns like tents, and allso two dogs. And presently to avoyd danger the captayn with his men repayred to the bote at the sea shore and assone as they were entred they espyed a great bote of that cuntry with men therin hard by them behynde a rok, who made signes of freendship (by laying their head in their hands) to them : to come on land and take their rest. But the captayn would not trust them, but made signes to them to come into his ship. And the master of our ship being one in the bote was his ship before. An[d] we]nt on land to the people being who received him and led him by the [hand into their] houses, or rather cottages. And they thus [having got the] master among them, some of them made secret [signs to the] man for pledge in our bote that he should es[cape out] of the bote into the water, which signes th[e] cap]itayn perceived. And, therefore, having in his han[d a f]ayer long partezan gylt, he held the poynt therof [to] the strange mans brest, threatening by signes to [ki]ll him yf he did ones stir. And thus the master [w]as led into their houses and there saw their manner of [f]oode and lyfe, which is very strange and beastly, as hereafter shall be shewed. And he being returned to the bote [and] entred therein the stranger kept for pledge was delyvered on land, and presently an other of those strange men went willingly in the capitayns bote aboard the ship to see the same : to whom was given many tryfles of haberdash, which pleased him well. And he being in the ship the capitayn had talke with him by signes in a bargayn which they made that he should be their pylot through the Streiets into the West Sea : to pas in his little bote rowing before the ship thither : which he agreed onto, and made signes that in two dayes rowing he should be there : and for his labour he should have many tryfling things which there were shewed him, and layd owt for him.

Yet yf they had thus passed no trust could have byn geven to such a pylot then the capitayn had sene good cause. And hervpon this strange pylot was caryed back agayn to land in our ship bote to the end to prepare himself in his own bote. And bycause the capitayn did wisely forsee that these strange people are not to be trusted for any cause nor shew of freendship that they would make, and allso did see the foolish mynde of the mariners that should row the bote with him to be desyrous at the land to have some traffik with the people for their danger of los of all of his men to go with them, and he had greater confidence than them that they should set that strange [pylot on lan]d at the poynt of a certayn rok of that i[land which he] assigned them : which was within his own sight and [so he might ha]ve rescued them yf any force should have byn off[ered a]gainst them. And that so done they should furth[with] return back to the ship. But these foolish men, be[ing] five of them in all in the bote, having set on land thi[s] stranger at the place appointed : the capitayn being [in] the ship saw them quietly put of their bote, and immedia[tely contrary to his commandment and charge geven th[ey] rowed furder beyond that poynt of the land owt of hi[s] sight, and there landed iij of them, and the other twayn reste[d] in the bote a little from the land so as he saw them agayn, to whom owt of the ship they made signes and noyse as well as they could to call them to the ship. And immedia[tely] these two men with the bote rowed into the land agayn to their fellowes owt of his sight, and after that hower he never saw them, nor could here anything of them. And thus the capitayn having lost his bote and five of his best men, to his great discomfirt he still remayned with the ship there at anker all that day and next night hoping to here of them agayn. But he could not here or know anything of them : and thereby he iudged they were taken and kept by force. Wherefore the next morning, which was the xx day of August, he set sayle with the ship and passed along by their houses, as nere as he could, and caused his trumpet to sound and shot a pece of ordonance over the houses but not to touche them. But with all this he could see nothing nor here of his bote or men. And therere passed from thens to a bay not far of, where he ankered all that day and next night : and from thens returned bak agayn the next morning to the same place where he lost his bote, and there they of the land had sight of his ship. And he hard them of the land laugh or rather not lightly to make peace agayn [with them but rath]er depart from thens to other places ther[e to try and f]ynde some other people of that land to whom [their late doi]ngs were unknown, and of them to take some pry[soners for] his own men, which he did for the space of thr[ee days], and fynding none other people, he then determined of all his men in the ship (except the master) to re[tu]rn agayn to the same place where he lost his bote and men. And being there come to anker vnder that iland, he perceived that all

the men were gone from thens and their houses allso, which was to his greatest discomfort: for [t]hat he remayned then in dispayre of the recovery of his bote and men any more. Whereby allso being thus maymed and disarmed he uttered dispayred how to procede furdur on his voyage toward Cathay. And most of all other was oppressed with sorrow that he should return back agayn to his cuntry bringing any evidens or token of any place whereby to certify the world where he had byn. And so remayning in this great perplexity and sorrow more willing to dy than to lyve in that state: suddenly he espyed a number of the botes and men of that cuntry comming towards the ship. Wherat he was revived though he weak state being duly considered, he had the more cause to be affrayd. But he with courage (more than a man) presented, armed, and prepared his ship with all things within necessary for defence; and allso without he covered the chayn wales and shrowds, and all other places (where the enemy might take any hold on 'places' any ropes to clamber into the ship) with canvas fast nayled to the ships sydes. So as they could take no hold thereby to enter into the ship being so low and so nere to the water. And in the waste of the ship he placed a pece of ordonance mynding to shote to synk one of their great botes having xx men therein. And so with the ship under sayle to have recovered some of them for prisoners, yf otherwise he could not come by any of them to redeme his own men. And when their botes being appr[oa]ch[ed] and perceiving the defens made men mustering in the ships waste fearfullnes of the men which stood before pece of ordonance they parting from yt pece appered to them: therewith they all themselves with their botes, and would approche no n[er]er] but drew together in counsaile. And therupon we w[ent] to the contrary syde of the ship from the pece of ordonance, and so stayed far of, and onely one bote with one man therin, which was he that first of all came into the ship, approached very nere to 'to' the ships syde making signes of freendship that we should on land and ta[ke] our rest. Wherat the capitayn likewise made him signes of freendship as though that he would so doo, and thus entertayned him with signes of freendship, and placed him self at the waste of the ship at the syde alone having at his fete in secret his weapons, and caused all his men to withdraw from him, whereby he might appere to them open as though without any malice. And made offer of small things to geve him at the ship's syde, but the man a while stood in susspition and wolde not approche. Wherupon the captain cast into the sea a shirt and other things that would swym which the streame caryed from the ship, and he toke them up. And likewise made offer of a bell in his hand, which he toke of him hard at the ships syde.

Wherwithall one of the mariners mynded with a botehoke to have taken holde of his bote, which the man espyed and so suddenly put of his bote far from the ship, and in a long tyme would no more approche,

which was no small grief to the capitayn and the rest. Yet at the last with the fayr offers and entisements with gifts of the capitayn he approached agayn with his bote to the ships syde, but stood upon garde with his ore in one hand next to the ship ready to put of his bote agayn suddenly yf nede should have byn through any cause of suspition that he might have perceived. And in this order of dealing in the presence of the rest of all his company he toke on bell more at the cap[tayn's hands] self whereby the ship into the [r]est of our men. But the capi[tayn] mischief as might happen offred him frendly countenance and made a short arme [and let the] bell fall into the sea to move the man the to approche more nere within him. Whereat the [man seemed] to be greatly sory for the los thereof and therevpon sudde[nly the] capitayn called for an other bell which allso he [rea]ched to him with a short arme, and in that reache [he] caught holde on the man's hand, and with his other hand [he] caught holde on his wrest; and suddenly by mayn force of strength plucked both the man and his light bote owt of the sea into the ship in a tryse and so kept him withowt any shew of enmity, and made signes to him presently that yf he would bring his v men he should go againe at liberty, but he would not seem to vnderstand his meaning, and therefore he was still kept in the ship with sure garde. This was done in the presence of all the rest of his fellows being within an arrow shote of the ship, whereat they were all marveilously amased and thereupon presently cast them selves into counsell and so departed in great haste toward the land with great hallowing or howling showts after their manner; like the howling of wolves or other beasts in the woods. And the capitayn with his ship remayned still there all that day, and ankered iij leges from thens all the night and the next day but could here no newes of his men nor bote nor could perceive by the prysoner that wold come agayn. Whereupon having this strange man prisoner in his ship he toke counsaile with the master and other in the ship what were best to be done. And they all 'all' agreed that consydering their evell and weak state by the los of their bote and five of their best men, and the weaknes and little hability of the rest of the men that were left in the ship, being but xiiij men and boyes so tyred and sik with laboure of their hard voyage, passed as they were neither hable well to procede in any long voyage toward the tyme of winter nor yet of return home already passed than to pro[ceed] any further with so great danger of the vtt[er loss of the] enterpryse for ever after if they should way. And therefore on the xxv day of Aug[ust they set] sayle with their ship keping their course ba[ck to]ward England, and in their way they had sight of the Iland Friseland, which they discovered round about but did not land thereon through the diffi[culty] of the monstrous great yse which lay fleeting still by [the] land. And after they departed from thens they endu[red] continually extreme storms of weather but the w[ynde] still in their favour home-

wards. So as by the xxvth da[y] of September they were on the coast of Scotland in sight of the Iles of Orkney, and passed from thens so as they aryved at Harwich on the ij day of October in safety where they taryed to refresh their sick and weake men, and so came to London with their ship Gabriel the ixth day of October and there were ioyfully received with the great admiration of the people, bringing with them their strange man and his bote, which was such a wonder onto the whole city and to the rest of the realm that heard of yt as seemed never to have happened the like great matter to any man's knowledge. Wherefore I being not hable to geve to this capitayn his due commendation for this great and strange attempt so well accomplished I leave the dooing thereof to other which are better hable to enter therinto, that his good renown may lyve for ever according to the woorthines of his well dooings in this matter so greatly appertayning to the benefit of this whole realme of England which he is determined still to follow with the travaile of his body and spending of his lyfe ontill he have brought the same to such perfection as is desyred.

And because that I have heard report of many strange tales and fayned fables touching the personage and manners of this strange man, I have thought good therefore to declare the very truthe thereof to satisfy the world and allso to expres his picture as well as may be done with ink and paper. He was a very good shape and strongly pight made his head, his nek, his brest a very brode face and very fat and fu[ll] his body. But his legs shorter and smaller [than the pro]portion of his body required, and his hands h]is heare cole blak and long hanging and 'tyer' tyed [in a knot] above his forehead. His eyes little and a little [cole] blak beard. His cullor of skyn all over his bo[dy] and fa]ce of a dark sallow, much like to the tawny Mores, [or ra]ther to the Tartar nation, whereof I think he was. [His] countenance sullen or churlish and sharp withall.

Colonial 27. Otho E. viii, fol. 41 (42.)

PASSED ANNO 1577.

[The] gracious favor of Almighty God hath byn [alwaies my Pro]tector these xlv yeres in manner following [and I trust the] same will still protect me allso the rest of my [life to] his glory, to others benefit, and to the cum[fort of] me and myne.

My late father Sir William Lok, knight, alderman of [Lon]don, kept me at scholes of grammer in England [un]till I was xij yeres olde, which was A.D. 1545, [and] he being sworn servant to King Henry VIIJth [as] his mercer; and allso his agent beyond the seas [in] dyvers affayres, he then sent me over seas to Flan[d]ers and France to learn those languages and to know the world. Synce which tyme I have con-tynned these xxxij yeres in travaile of body and study of mynde, fol-

lowing my vocation in the trade of merchandise, whereoft I have spent the first xv yeres in contynuall [t]ravaile of body, passing through almost all the cun[t]ries of Christianity, namely owt of England [i]nto Scotland, Ireland, Flanders, Germany, France, Spayne, Italy, and Grece, both by land and by sea, not without great labours, cares, dangers and expenses of mony incident; having had the charge (as capitayn) of a great ship of burden 1000 tuns by the space of more then iij yeres in dyvers voyages in the Levant Seas wherewithall I returned into England. In which travailes besides the knowlege of all those famous 'common' languages of those cuntries I sought also for the knowledge of the state of all their commonwealths chiefly in all matters apperteing to the traffique of merchants. And the rest of my tyme I have spent in England under the happy raigne of the Quenes Majestie now being. Where by a certayn forcible inclination of mynde I have byn drawn contynually as my vocation and care for my family wolde. Cosmo[graphy] arts apperteing as in voiaiges I could get for my mony. And [also] acquryng by dyvers conferences with many [foreign] nations, travaillers and merchants fa[miliar knowledge] of the state of the whole worlde as might [appert]ayn to the benefit of myn aturall cuntry w[ith the] maintenance of myselfe and my family by the tr[ade in] merchandise according to my vocation. And as [Horatius]¹ sayth: Impiger extremos currit mercator ad Indos: Pauperiem fugiens per saxa, per mare, per ignes. The diligent merchant runneth to the furdest Indians flying poverty by roks, by seas, by fyers; as by m[a]nifold notes thereof in writing and remaining still by m[e], which being put together wolde not be contained in an[y] hundred shetes of paper that I have made for my own pryvate satisfaction yt may appere. Whereby I am perswaded of great matters. And of late by God's good providence renuyng myne old acquayntance with Martyn Frobisher gentleman; and fynding him sufficient and ready to execute the attemp[t] of so great matters, I ioyned with him, and to my power advanced him to the world with credit and above myne own power for my parte furnisshed him with things necessary for his fust voyage lately made to the northwestward for the discovery of Cathay and other new cuntries, to thintent the whole world might be opened unto England which hitherto hath byn hydden from yt by the slowthfulnes of some and policy of other. In the which voyage allready made by that way are discovered such new lands as the world now doth talk of which very shortly by God's grace the world shall playnly see to yelde to the Quenes Majestie great honor, and to the whole realm infinit treasure and benefit, which God graunt and make us thankfull.

And bycause that of late dayes syns the return home of Martyn Frobisher, dyvers men speake dyversly of his dooings.

¹ Epis. i, i, 45. Should be—

Per mare pauperiem fugiens, per saxa, per ignes.

MONETH OF

ANNO 1574.

[Mart]yn Frobisher brought a letter under the [c]ertayn of the Quenes Majesties most honora[ble Privy] Cownsaile directed to the Cumpany of Mosco[via] containing this effect: That, forasmuch as [the discov]ery of the cuntry of Cathay by sea wold be t[o En]gland, a matter of great commodity, and they being a [cum]pany priveleged and incorporated for the discovery of [n]ewe trades. Against whose privelege they would not [at]tempt any matter without their licence. Therefore [I ex]horted and perswaded them to attempt that matter now [o]nce agayn, themselves, after xx yeres allready past, syns their first enterprise thereof. Or els, to grant their licence to others which are desyrus now to 'attemp' at[t]empt the same. Uppon the receipt of which letter the said Cumpany assembled themselves at their Court, to consyder the same: And thereunto made answer by their letter, requiring to have conference with the parties that were desyrus to attempt that matter that thereby they might determyn what were mete to be done therein. Wherupon the sayd Martyn Frobisher agayn repayred to the sayd Cumpany with order for himselfe and others not then named to have conference with them; and theruppon the Cumpany appointed certayn of them selves, namely, Mr. George Barn, now Shrief of London, William Jowerson and Steven Borough, mariner; and me, as their agent, having the charge of all their busynes to understand the ground of this case. And in the conference of the matter, we perceiving the purpose to be to the northwestward, and no good evidence shewed by the parties for the proof of the matter: upon one relation therof made to they Company, they suspected some other matter to be meant by the parties. And forasmuch as they themselves with their very great charges allready had discovered more than half the way to Cathay by the northeastward, and purposed to doo the rest so sone as they might have good ad[vice] [a]ny good [gr]eatly hurtful to them to to any others. And therefore appo[inted] Heyward their Governour, and man and me to certify the right honora[ble Lord] [Bur]ghley, Lord High Treasurer of England of [the s]tate of the matter; which they did in the p[re]sence of [Martyn Frobisher] aforesayd. Yet neverth[less] very shortly afterward by the sute of the say[d] Martyn Frobyshe, an other letter was brought [to the] Cumpany, requiring them either to attempt the matt[er] them selves or to grant licence to other to doo yt by the northwestwards, wherupon for dyvers considerations then moving the Cumpany they did grant licence and privilege therof to me and Martyn Frobisher and such other as would be venturers with us in the sa[me] as appereth by the writings under their common sea[l], dated in the moneth of February, Anno Domini 1574.

Wherupon presently we made such preparation for ship[s], and all

other necessaries as we could. But for lack of sufficient mony thereto in due tyme the enterpryse was stayed that yere. Nevertheles, by the good assistance of the mony and favour of dyvers persons of honour and worship, and others hereunder named the matter toke such effect the yere following that we furnished two small barks of xxv tuns the pece: the one named the Gabriell, wherof was Master Christofer Hall of Lyme-hous, mariner. And the other named the Michaell wherof was Master Owen Gryffyn of _____, mariner. And a small pinnes of x tun with a close dek to sayle with them. And with them passed the sayd Martyn Frobisher for capitayn and pylot; and with them in all 34 persons, whose names be hereunder: who departed together from Gravesend, on their voyage, the xijth day of June, Anno Domini 1576. And, although the world in all the yere, and other tyme before hering talke of this purposed enterpryse, did not beleve that yt wolde take any good effect; but rather the most _____ of the _____ others which were of _____ [wi]sdom and dignity in the common _____ the enterpryse and assist the same as tyme. Wherin I will now speake p[recisely and s]ay the truthe that every mans good dede [may have] his iust commendation. The learned man, Mr. John Dee, hering the common [report] of this new enterpryse and understanding of the prepa[rations] for furniture of the ships being thereby perswa[ded] that it would now procede, and having not byn acquain[ted] with our 'new enterpryse', purpose in any parte before, [abo]ut the xxth day of May, Anno 1576, of his own good na[tu]re favoring this enterpryse in respect of the service and commodity of his naturall cuntry came unto me, desy[r]ing to know of me the reasons 'and' of my foundation and purpose in this enterpryse, and offering his furderance thereof with such instructions and advise, as by his learning he could geve therein. Wherupon I conceived a great good opinion of him: and therefore apointed a tyme of meeting in my house, wherat were present Martyn Frobyshe, Steven Burrough, Christofer Hall, with other. Where freely and playnly I layd open to him at large my whole purpose in the traffike of merchandise by those new partes of the world for the benefit of the realm by many meanes as well in the cuntries of East India, yf the sea this way be open as also otherwise, though that this 'ne' new land should chance to bar us from the sea of India. And also declared such coniectures and probabilities as I had conceived of a passage by sea into the same sea of East India by that way of the north-west from England. And for the proof of these two matters I layd before him my bokes and authors, my cardes and instruments, and my notes therof made in writing, as I had made them of many yeres study before. Which matters, when he had thus hard and sene, he answered that he was right glad to know of me thus much of this matter, and that he was greatly satisfied in his desyre about his expectation, and that I was so well grounded in this [pur]pose he sh[e]wed me all[so] his own. And also shewed me _____ I did very well like. And afterw[ards]

[the while] the ships remayned here, he toke pay[ns to learn the] rules of geometry and cosmography for [the informat]ion of the masters and mariners in the use of [the in]struments for navigation in their voyage and fo[r cas]ualties happening at sea which did them service whereby he deserveth iust commendation. Allso {Sir} Humfrey Gilbert, knight, hath byn of many yeres (as I am enformed) a great good willer to this like enterpr[ise]. And syns I came acquainted with him which was abo[ut] Easter last, Anno Domini 1575, I have hard him make dyvers good discourses in the favour therof, and allso his go[od] will and study therein doth well appere in the boke which he made and put in prynt in the monthe of May, Anno 157, for the mayntenance of the good hope and likelihood in this enterprise of new discovery. Whereby men may see many good causes to move them to like well thereof. Although to say the very truthe without geving any offence: neither that boke comming out so late nor yet his former discourses, being none others than were wel[l] known to us long before, were any manner of causes o[r] instructions to the chief enterprises of this new voyage of discovery to attempt the same or to direct us therin. And William Burrough, although he was not so well perswaded of this enterprise, that he woud venter his money therein: yet, in respect of the service of his cuntry, he did take paynes to procure a master and many mariners for the ships. And gave his good advise in the furniture of the ships: and did consent unto the opinion and mynde of the capitayn in the direction of the ships course in the voyage which was to very good purpose. And besides these men, I know none other worthy of name for any thing done by them to the help of this enterprise, but onely the venturers which did help the same.

[*Otho, E.*, viii, fol. 45. b. (47); *Colonial*, 35.]

I crave pardon with the reading of this writ[ing] xiiij day of October last, Mr. Fro[bysher gave me a] stone aboard his ship: Saying, that acco[r]ding to his promi[se] he did geve me the fyrst thinge that he founde [in the new l]and, which he gave me openly in the presence of two [other] men, whome I know not. But Rowland York and many [others] were then in the ship; and they for the strangers the[ro]f brake off a] pece which they caryed away with them. Within the space of one month after, I gave a small pece to [Mr.] Williams, saymaster of the Towr, not telling what nor wh[ence]. He made proof and aunswered that it was but a marquesite s[tone]. And theruppon, I gave an other small pece to one Wheler g[old] fyner by Mr. Williams order. He aunswered allso tha[t] he made proof and founde it but a marquesite stone. And allso an other small pece to George Nedam: he aunswered allso that he made proof and colde fynde no mettall therin.

Herewithall I stayed, making small account of the stone, and at more leysure musing more thereon. In the begynning of January I delivered a small pece thereof to John Baptista Agnello, not telling what nor from whence. But prayed him to prove what mettall was therein. And within three dayes I came to hym for aunswer. He shewed me a very little powder of gold: Saying, it came therowt, and willed me to give him an other pece to make a better proof. I did so, and within three dayes agayne, he shewed me more powder of golde. I tolde hym I wold not beleve it, without better proof. He asked an other pece to make a better proof: Saying, that he wold make anatomy thereof, I gave it him: Saying, that I marveyled much of his doings, sith I had given peces to other iij to make proof who could fynde no such thinge therin: he aunswered me, 'Bisogna sapere adulare la natura', and so I departed.

The xvij day of January he sent me by his mayde this little scrap of paper written, No. 1, hereinclosed; and thereinclosed the grayne of gold, which afterward I delivered to your majesty, &c., 1577.

[*Colonial*, 34. *Domestic Eliz.*, cxii, No. 25.]

MR. LOCKES DISCOORS TOUCHING THE EWRE, 1577.

To the Quenes Moste Excellent Ma^{tie},

Moste humbly I crave pardon, in troublinge yo^r ma^{tie} wth the readynge of this wrytynge.

In the xiiij day of Octobar laste, Mr. Furbosher gave me a stone, aboard his shyp, sayenge, that accordynge to his promesse, he dyd gyve me the fyrst thyng that he found in the newland, w^{ch} he gave me openly in presens of 2 yonge gentlemen whome I knowe not; but Rowland York was then in the shyp, and they for the straungenes therof brake of a pece w^{ch} they caried awaye wth them.

Within the space of one monthe after, I gave a small pece thereof to Mr. Williams, saymaster of the Towar, not tellynge what nor whens. He made proffe, and answered that it was but a markesyte stone. And another small pece to one Whelar, goldfyner, by Mr. Williams order. He answered also that he made proffe and found it but a markesyte stone, and another small pece to George Nedam; he answered also, that he made prooffe and could fynd no mettall therin.

Herewithall I stayed, makyng small account of the stone.

And at more leysure musynge more theron, in the begynnyng of Januarie, I delyvred a small pece thereof to John Baptista Agnello, not tellynge what nor from whens, but prayed hym to prove what mettall was therin; and within iij dayes I came to hym for answere. He shewed me a very litle powder of gold, sayenge it came therout, and wylled me to gyve hym a better pece to make a better prooffe. I dyd so, and

within iij dayes agayne he shewed me more powdar of gold. I told hym I would not beleve yt without better prooffe. He asked another pece to make a better prooffe, sayenge that he would make anatomie therof. I gave it hym, sayenge that I marvayled moche of hys doynge, sythe I had gyven peces to other iij to make prooffe, who could fynd no suche thinge therin. He answered me, 'Bisogna sapere adulare la natura'. And so I departed.

The xviiij day of Januarie he sent me by his mayde this lytle scrap of paper hereinclosed, wrytten, No. 1, and therinclosed the grayne of gold w^{ch} afterwarde I delyvred to yo^r Ma^{tie}.

And herevppon I had large conferens dyvers tymes wth hym parsawdyng, exhortinge, and conjuringe hym by many causes of great importaunce betwene us, to tell me the trewth hereof. He satisfied me by all dewtyfull meanes of honesty and of Christianitie that it was trew. Whervppon he entred into many discourses wth me, yf we might have sum quantyte therof, for our owne use, and earnestly exhorted me to secreatnes, and greatly pressed me to knowe where it was had I desyred respyte of a few dayes, to consyder what were best to be done in the matter.

The xxiiij day of Januarie, havynge resolved my sellfe of my dewtye towards yo^r Ma^{tie} I dyd retourne to John Baptista, to avoyde suspicion of doble dealyng wth hym, at w^{ch} tyme he entred agayne wth me, to have sum quantyte therof for our owne accountt. Then I delt wth hym somewhat playne, and told hym, that it would be a hard matter for us to have ytt, for that in trewth it was had in the new land discovered by Mr. Furboisher, wherof there is priviledge graunted to a companye. Wherto he answered, that sum devyse might be made to lade it as stones, for ballast of the shyp. Whervppon agayne I toke furder tyme to consyder what might be done therin. And at my departyng he exhorted to secreatnes, and specially to concealle his knowledge hereof.

The next day Mr. Furboisher at my table at dynner, was very desyrous to know what was found in the stone he gave me. I answered, that I had gyven prooffes to iij or iiij, and they found nothinge in ytt, savyng one man found tynne and a litle sylver therin, w^{ch} was worthy of the fetchyng awaye, wherat he was very glad.

The xxviiij day, I delyvred to yo^r Ma^{tie} in wrytyng, the very trewe information of all that I had knowen herein. And the same daye Mr. Secretary Walsyngham, in yo^r Ma^{ties} name sayd unto me, that in my wrytyng I dyd promes a thinge w^{ch} I had not delyvred. I answered the very trewth of my meanyng, that bycaus the bulke therof was somewhat great, I dyd reserve it to a second speche wth yo^r Ma^{tie}, at which tyme I dyd purpose to have declared more of this matter, and presently I dyd delyver it to hym. And he said yo^r Ma^{tie} had told hym theeffect of my wrytyng, and therefore he wylled me to tell hym the circumstance of this matter. I told hym presently theeffect of all this

herebefore wrytten, and that John Baptista was the man, but that he would not be acknoven to be the man. Neverthelesse I sayd he might know the matter of hym by others then by me. Wheryppon he answered me, that he dyd thynk it to be but an alchamist matter, such as dyvers others before had byn brought to yo^r Ma^{tie} by others without trewethe. And in my presens he brake the stone into iij or iiij peces, wh^{ch} he sayd he would delyver to dyvers men to make proofes. And so he lycensed me to depart to London that night.

The xxxi day of Januarie, John Baptista sent for me agayne, as shall appere by his second wrytynge hereinclosed, at w^{ch} tyme he devyded that a ship might go secreatly out of sum place, and brynge the thyng to another place farre from London. But I answered that was not possible, for that none knowe the place but C. Furbisher and the ship master, who would not be corrupted. Then he thought to revele it to the captayne. I said I thought he would revele it to yo^r Ma^{tie}, but I devyded wth hym, that I would send a ship to the place in company of the captayne under culler of fysshynge, and when the captayne were gone through to Kathai, the ship should lade this thinge for ballast, and retorne hether. He allowed well of this devyse, and so I departed for that tyme.

The i day of Februarie, I returned to Mr. Secretarie, who sayd to me that he had gyven peces of this ure to certayne very excellent men, and that sum found nothings therein, but one found a litle sylver, and that Mr. Dyar had made prooffe therof, and found the lyke, and that hym selfe had seene the proffe made, wherby he was perswaded to be so, and that Baptista dyd but play the alchemist wth me. I answered that yesterday I had spoken agayne wth Baptista, and that he dothe styll confyrme to me his former sayenges, and wyll justefie the same, but Mr. Secretarie would not beleve me. Wheruppon I prayed hym to consyder better of the matter, for that I was well assured that it was trew, wheruppon he lycensed me to retorne to London.

The iiij day of Februarie, I went agayne to John Baptista, as well to intertayne hym wth sum matter to avoide suspicion of doble delynge untill I might have answeere of Mr. Secretarie of yo^r Ma^{ties} plesure herein, as also to urge more matter wherby more tryall of the trewth might be had. And I moved hym to know how he would deale wth me, yf I should fynde meanes to send a shyp for this ure. After longe discoursynge he resolved, that he had a frynde that would furnishe a ship at his charges, and that yf I would gyve hym a man to shew hym the place where he might have 100 tons hereof, he would gyve me £20 of money for every ton, within iij monthes after the arivall therof here, and would put me in good assurans for the parformans therof, and at the arivall in London he woulde teache me the art, yf he should chaunse to dye. I told hym I would take tyme to consider whether he should send a ship, or I send a shyp.

The vi day of Februarie, I returned to Mr. Secretarie, and gave hym in wrytynge, this offer made to me by Baptista. He answered, it was but devyses of alchamists, for that Baptista was but poore, and not able to put suretyes, nevertheless he sayd he would consyder of the matter. And so I returned to London.

The xij day I went to Baptista, and put of tyme, hopinge for better answerè of Mr. Secretarie. I said to Baptista that I was informed by a frynd learned in the lawes, that we have a lawe termed tresor trouvee, wherby it is not lawfull for any subject to dealle in suche a matter as this, without lycens of the prynce, and therefore (meanyng to dryve hym to dyscover the matter to yo^r Ma^{tie}, wherby you might be certified of the trewth) I sayd ther must be sum meanes found, to have a lycence of yo^r Ma^{tie} for a ship to passe thether, or ells there is daungier bothe of yo^r Ma^{ties} dyspleasure, and also of the companie who are privileged therin, wherin I sayd I woulde travaylle, yf he could not. He answered, he had a frynd in the courte by whose meanes he would move yo^r Ma^{tie} therof.

The xvj day I went agayne to Mr. Secretarie for answer. He sayd the matter had no good foundacion, excepte good suretyes might be put for performance, also that he had agayne caused others to make prooffe, and that there was no suche thinge found therin. I said that I did marvaile moche therat; for that Baptista dothe styll justifie the matter, and for prooffe therof. I would become bound to her Ma^{tie} for the same. He said he would not wishe me to venture so farre uppon the worde of an alchamist. And so the matter rested untill answerè might be had from yo^r Ma^{tie}.

The xxvij day I had a letter from Baptista, w^{ch} is the third writinge hereinclosed, wherby yo^r Ma^{tie} may parceave, what answerè he receved uppon his sute to have lycens for a ship to passe thether. Wheruppon he would have proceded wth me, that I should send a ship thether in secreat, accordinge to our first talke. Nevertheless, I perswaded hym that he should wryte a lettar to yo^r Ma^{tie}, wherby to gyve you knowledge of his meanynge in sendynge a ship thether, and to dysclose part of the matter to yo^r Ma^{tie}. Wherin my meanynge was, that uppon this occasion I thought yo^r Ma^{tie} would have appointed sum to hvae had full conferens wth hym, to have serched the trewth of this great matter to your satisfaction.

The vi day of Marche, I went agayne to Baptista, to know what answerè he had from yo^r Ma^{tie} to his lettar. He said the answerè was dilatorie, so as he had no more courage in that sute. Wheruppon I said to hym, that I had a frynd in the court, by whose meanes I would attempt to have a lycens to send a shyp, for that without that lycens I durst not deale therin. He bad me prove.

The vii day of Marche, I went agayne to Mr. Secretarie, and told hym theffect that I had passed with Baptista, and he said that yf Baptista

would put good suretyes for the parformans of payment, he would warrant me to have lycense for a shyp of 100 tons to fetch this ure. Wheruppon I returned to Baptista as in myne owne name to know what assurans I should have. He said I should have very good assurans to my contentement; but named no man, which I reported agayne unto Mr. Secretarie, and offred my owne bond, and the ure to be delyvred into yo^r Ma^{ties} custodye at the arivall.

In this mean tyme entringe more deeply into the matter, and consyderinge that the weightynes therof would be myne utter undoynge yf the matter were not good, I went agayne unto Baptista, and more effectually dyd enter into talk of the maner of the contract to delyver hym c. tons of this ure. Wheruppon he offred me to pay xxx li. a ton, being delyvred here at my charges, and the best assurans that I could then gett was to have the ure in myne owne custodye, and for the rest I must credit his honestie. That the ure was of sufficient valew to make me ryche, I was so well perswaded of his honestie, that I was fully resolved to put the whole matter in hasard, theruppon makynge this account wth my selfe that the charges of the ship and the men to dyg the ure would cost me x li. the ton, and I would gyve to yo^r Ma^{tie} for the lycens x li. the ton, and the other x li. the ton should be to reliefe me and my children, yf that yo^r Ma^{tie} would not deale wth this matter for yoursellfe.

The xi day, I came agayne to Mr. Secretarie, and gave hym my request in wrytinge. That yf it were so that yo^r Ma^{tie} could not be satisfied of the trewth of this matter, and were not mynded to deale therein for yoursellfe, that for the triall of the matter I would venture on it at my charges. Yf it would plese yo^r Ma^{tie} to gyve me lycens to bryng hether iijc tons of this vre at my costes and charges, I would pay yo^r Ma^{tie} iijm li. of money within one yere after the arrivall, and for assurans would gyve my bond, and the ure into yo^r Ma^{ties} custodie. He said this demand was to great. I remytted it to his owne moderation. He promysed he would move yo^r Ma^{tie}, and said I should have lycens for a reasonable quantyte, which I dyd beleve verely to obtayne, consyderinge the manyfold refusall had more then x tymes; and the great dyscredite of my playne report made of the trewth of the matter from tyme to tyme, accordinge to my dewtye, and the reportes he had of others to whome he had put the ure to proffe, who found no gold.

The xvi day of Marche I came agayne to Mr. Secretarie for answeere. He said he had no leysure as yet to move yo^r Ma^{tie} thereof, but he would doo. He asked of me yf M. Furbisher knew of this matter, I said no, nor none other parson by me, but onely yo^r Ma^{tie}, and he and Baptista, which is the very trewth.

In this meane tyme I was dayly urged by Baptista to fynishe the contract betwene us as yo^r Ma^{tie} may parceave by his iij billes, No. 4, 5, 6, hereinclosed. Whereuppon, at the xix day of Marche I fynished

and subscribed the same, as yo^r Ma^{ties} may parceave by the same contract hereinclosed, hopynge that eyther by yo^r Ma^{ties} lycens, I should be able to parforme the same, or ells that by yo^r Ma^{ties} favour I should be dyscharged therof againste the said Baptista, sythe I dyd it onely for the better tryall of the trewth of this great matter, and dyd declare theeffect of all my doynge therin dayly vnto Mr. Secretary. And when I came to the house of Baptista to subscribe the same contract, I found thereat subscribed the name of Sir John Barkley as suretye for Baptista to parforme the covenantts; a thyng very straunge unto me, for that I never in all my lyffe had spoken wth Sir John Barkley, neyther before nor after.

The xx day, I came agayne to Mr. Secretarie, to know yo^r Ma^{ties} plesure. He said he had moved yo^r Ma^{ties} in the matter, but had no answer. He asked agayne yf M. Furbysker knew of the matter, I said no. He wylled me to imparte it to hym. I said I would, and so I dyd. He prayed me to get hym another pece of the vre. I said I would.

The xxii day, I came to Mr. Secretarie, and brought hym another pece of the vre. He wylled me in his name to carrye it to one Gefrey, a Frenchman, and to tell hym that it came out of Ireland, and to wyl hym to make a proffe therof, and he to bringe reporte to hym. I dyd accordingly delyuer it wth the message, and synce that howar I never saw the same Jeffrey, nor never beffore, but Mr. Secretary hathe told me that he found nothings therin, but a little sylver, as I remember.

The xxviiij day Marche, I was wth others at howsse of Sir William Wyntar in comyssyon by letters from yo^r Ma^{ties} Honourable Privye Councell had by my procurement to consyder vppon all matters requisite for the furnytur and dyspache of M. Furbisher for Kathai, wth busynes beinge done for that daye, Sir William Wyntar wylled me to come to hym the next mornynge to talk wth hym in a matter of importance. I came. He entred wth me in secret, prayenge me to tell hym what I had found of the state of the vre brought home by M. Furbisher. I refused that conferens, sayenge I knew not the matter, nor dyd vnderstand his meanyng. He said he knew the matter as well as I, and that he desyred this conferens vppon good meanyng towards me. I refused hym agayne, sayenge I knew nothyng, nor would tell nothyng. Then he vrged me agayne, sayenge that yf I would not tell hym, he would tell me. Then I asked hym, yf he had spoken wth Sir John Barkley of late. He sayd yea. Then I said, he might know moche of the matter. He answered that he dyd know the whole matter. I answered I thought he dyd not know all. And then presently he told me the whole effect of all my contract made wth John Baptista in wrytinge, and furder told me that Sir John Barkley had opened the same to Sir William Morgan, and Sir William Morgan vnto hym, and thervppon he and they and others had made proffes therof in a howsse at Lambethe, and also hym self in

his owne howsse wth his owne man, the proofes wherof in gold he shewed me presentlye in his chamber wyndowe, sayenge that it was moche rycher then I was informed of, and that it was a matter to great for hym and me to deale withall, and belonged onelye to the prynce. Then I told hym that I was of hys mynde, and that therefore accordynge to my dewtye I had alredy informed yo^r Ma^{tie} therof longe before, accordinge to the trewthe that was informed me by Baptista, but that I was not credited therin, and that this was (as styll it is) vnknownen to Baptista and to Sir John Barkley. Wherat he was moche abashed, and sayd God hathe brought us together this daye for suum good, for otherwyse I should have done sumwhat herein that should have hurte bothe you and me. And then he sayd that it was our dewty that yo^r Ma^{tie} should knowe hereof, and that hym selfe would certyffy yo^r Ma^{tie} hereof, soas you should be right well assured that it was trew. And said agayne that it was a farre greattar treasour then was knownen; which thyng in deed synce that tyme I have perceaved, by a prooffe therof w^{ch} I have seene made by the same workmen, w^{ch} holdethe more than iiij onces of golde in c.lb. weight of vre, w^{ch} at iij*li*. of money the once amounted xii*li*. of money the c w^{ch} is cexl pounds of money for every ton of the vre. And it is very likely that where this vre laye on the face of the earthe, there is farre more ryche vre vnder the earthe. But of this matter I thynke yo^r Ma^{tie} have byn fully certyffed by Sir William Wyntar and C. Furboisher, but onely I put in mynd of yo^r Ma^{tie} parte of my first wrytyng delyured, that yo^r Ma^{tie} gyve order in this matter in secreto quanto si puo et con fortessa, et con expeditione, least forayne prynces sett footte therin. Whervppon that yo^r Ma^{tie} may the better consyder, I besече yo^r Ma^{tie} to beholde the situation of the world in this small carta herewithall presented trewly thoughe grossely made accordynge to my skylle.

And thus by this means of the doynge of Sir John Barkley and Sir William Morgan dealyng therin wth others their parteners, and wth the Douchemen their workmen vtterly without my knowledge, or ells by the meanes of others, who have pece of the vre for proofes of others, and not of me, the secreatnes of this great matter is discourd so as it is abroade.

And bycause that I doo vnderstand, aswell by aletter herein closed received from Baptista dated the iiij April, as also by credible report of others, that the blame is layed all on me, as author of the speche that now is abroade of this great treasour. I doo by this wrytyng purge my selfe of that vntrew surmyse. And I doo call to wytnes heaven and earthe, that herein I have symply and trewly sett downe in wrytyng, the maner of all my procedynges in this matter. And I do yelde into the handes of yo^r Ma^{tie} all my goodes and my lyffe at yo^r pleasure, yf other then this can be proved to be done by me in this matter.

And most humbly cravyng pardon of yo^r Ma^{tie} for this my presumption and besechyng the same to accept my dewtyfull trew meanyng. I

beseche the lyvynge God to preserve yo^r Ma^{tie} longe to raygne over us, wth all happynes.

I humbly beseche yo^r Ma^{tie} to restore me the wrytynges of Baptista when as you are well satisfyed in this matter.

Yo^r Ma^{ties} most humble subjecte,

MICHAEL LOK.

The 22 April, 1577.

[*Colonial 34. Domestic Eliz., cxii, No. 25, i.*]

No. 1.

Questo poco oro e cauato fuori di quell poca minera mi mandacti, 6 vero mi donasti, di sorte che si truoua esser in ogni cento lib. oz. j. $\frac{1}{4}$ di oro finissimo, et largamente.

Jn^o Bap^{ta} Agnelo, Italiano, in Santa Helena in Londra. Adi 18 Janaro 1576. De la Mimera di Tramontana Maistro. nuouo.

No. 2.

Mag^{co} et Honor^{do} Sr Lok se vi piacera venir fin qui, io ho di gia pensato al caso nostro, et sara di sorte che penso ne restarete satisfatto, et mi vi racco^{do}.

H^o V^o Giouabatta Agnelo.

Adi 31 Janaro.

No. 3.

Mag^{co} et Honor^{do} Sr Loko. Hieri hebi risposta da sua Mag^{ta} quale mi fece dire che se io gli hauessi dimandato quello io desiderauo, inanci che lei hauessi concesso el priuilegio che uoi sapete, mi hauerebe concesso quanto io desiderauo, ma che essendo detto priuilegio passato et confirmato, non lo volena romper, per tanto sara buono lasciar l'impresa. Credo che il primo acordo facemo voi et io sarebe stato buono per voi et per me senza cerchar fini oltra. Ogni cosa per il meglio. Et con questo me vi racco^{do} di cuore. Questo di 27 Feb^o. del. 77 à natiuitate.

H^o V^o Giouabatta Agnelo In Casa.

No. 4.

Sr mio Mag^{co} mi sara grato intender quello habiamo à fare accio l' amico mio si possi preparare per la giornata ha do fare, per tanto vi prego faciamone vna fine, et mi vi racco^{do}.

H^o V^o Giouabatta Agnelo. In Casa.

No. 5.

Sr Lok. Hieri vi scrissi l'ultima mia resolutione desiderandoui di darmi vltima risposata dell' animo v^o et nō ho poi inteso altro. Hora perche l' amico mio se ne va damatina in paese, son forciato al risoluerlo del tutto per tanto se per tutto hoggi nō mi rissolueate del tutto : pretendo

H 2

che tutto quello habiamo di tempo in tempo conferito insieme sia del tutto ancillato, riò vi delete poi di me et mi vi racco^{do}.

H^o V^o Giouābatt^a Agnello.

No. 6.

Mag^{co} et Honor^{do} Sr Lok.

Considerando mediante le parole vostre mi dicesti hieri, circa la confidencia hauete in me per il negocio nostro, non posso mancare di darui causa che non siate del tutto satisfatto ancora che voi non lo rechiedete, vidi io adonque che quando farete fare l' obbligo d'accordo tra noi, fate vi sia vn spacio di foso con vn sigillo per vn amico mio quale sara sigurta per me di supplire, et m . . . tenere tutto quello io vi ho promesso, accio non parsata che morendo io non possiate ottenese el desiderio vostro. Et questo vorrei fussi fatto dimane mero marti alla piu longa, et farmi sapere à che hora protrete esser qui 'accio io anco possi fare che l' amico mio sia qui, et con questo mi vi racco^{do} si cuore.

H^o V^o Giouābatt^a Agnello. In Casa.

[*Colonial 34. Domestic Elis., cxii, No. 25, ii.*]

Contratto fatto d'accordo fatta tra Michele Lok, Inghilese, mercante, di Londra di vna parte, et Giouan Baptista Agnello, Vinetiano, residente in Londra di altra parte, come seguita.

Detto Michele Lok ha venduto et vende a detto Giouan Baptista Agnello la quantita di cento tonelli (si tanto si puo hauere) di vinti centanari il tonello, cioe di libre cento et duodeci del peso di Londra per ogani centanaro di terra o altra materia minerale di sorte tale quale detto Michele ha dato al detto Giouan Baptista vna pezza per mostro, laquale pezza sta posta in vna scatoletta sigillata con sigilli lori, et detta scatoletta sta posta dentro vna cassetta serrata con due serrature et le chaue di quelle sonò in custodia loro, et detta cassetta e dato in mano et custodia di per guardarla a vso loro per mostro quando sara bisogno. La quale detta terra, o meteria minerale di sorte sopra detta, o altrimenti di sorte tale quale detto Giouan Baptista o altro per lui uole truouare et eligere in la terra nuouamente discorparata per Martin Forbiser, o in gli altre terre circonvisine da discoprire, detto Michele promette a sua speza fare cauare di terra, et carigare in nave, et portare a Londra (Dio mandando la naue a saluamento) et iui consignare a detto Giouan Baptista, lui pagando si come promette di pagare al detto Michele il precio di trenta lire moneta d'Inghilterra per ogni tonello di quella, fra termino di xij mesi dipoi consignata in Londra, cioe ogni tre mesi la quarta parte dela valuta al precio sopra detto di quanto montara la quantita consignata di tempo in tempo. Et per piu causione et securta di detto Michele, il detto Giouan Baptista,

promette et si contenta che la detta terra et altra materia minerale restara in mano et puotere di detto Michele come roba sua propria fin che il sia satisfatto di detto pagamento di danari, eccetto la parte di quella che detto Michele ha da consignare al detto Giouan Baptista auanti mano per lauorare sopra il quale di poi si hauera di fare il pagamento sopra detto di tempo in tempo. Et piu il detto Giouan Baptista promette al detto Michele di insegnare a liu o a un altro che per lui sara assegnato, il uero muodo et Arte che detto Giouan Baptista vsara per cauare gli metalli dal detta terra o materia minerale, fra termino di sei mesi dipoi la consignatione dela prima parte di detta terra o materia minerale in Londra, et ancora dareli in scritto gli regoli et vero muodo di detto arte. Et per complire questo contratto il detto Michele et il detto Giovan Baptista mutualmente l'un a l'altero se obligamo loro persone et heredi et tutti beni di complire quanto di sopra hamo promesso. et vogliano che questo contratto et scritto sia di tanto vigore et forza quanto saria il meglio et piu valido scritto et obligatione che si puotera fare secondo gli leggi d'Inghilterra o di altri leggi qual si vuoglia per accomplimento di quello. Et in fede di tutto ambe due hanno sotto scritti et sigillati questo et un altro simile copia con loro mano proprio. Fatto adi xix di Marco, Anno 1576, in Londra, by me,

MICHAEL LOK.

Jo. Giouabatta Agnello prometo confirmare quanti di sopra è detto et per fede de cio ho sotto scritto di mia propria mano et sogelato di mio sugello. [Seal.]

I, Jhon Barkeley, knighte, doo bynde my selfe, my heyres, executors, and assings to fullfyll all these covenants, articles, and agremts here above written to, and wth one Mychaell Lock, of the citie of London, merchant, w^{ch} one Jhon Baptyste Agnello hath promysed and here above covenanted to and wth the above said Mychell Locke, yn as ample mann^r as the sayde Jhon Baptyste ys bownde by the aforesayde covenants to fullfill the same, yn wytnes wherof I have wrytten and syngned thys byll wth my owne hande and name, and sealyed the same also wth my seale of armes even the 19th day of Marche, An^o. Dm. 1576, by me,

JHON BARKELEY.

[Seal.]

[Colonial 34. Domestic Eliz., cxii, No. 25, iii.]

Mag^{co} et Honor^{do} S^r Lok,

Mic venuto all' orecchie vn certo tuono inaspettato quale mi ha fatto inarassiglia re molto, considerando la promessa vostra mi facesti di tener el negocio nostro secreto la qual cosa non hauete fatto, anzi hauete cercato per tutta Londra se vi fassi qual cuno sapessi far quello ch' io ho fatto, senza proposito alcuno, et mancando della fede: piu oltra hauete

pro ferto alla Regino di dargli piro dieci per tonello di vna ccerta vostra minera, fondandosi sopra le mie parole, il chi fu contra quello mi prometesti. Et se pur si doucua prescrire à sua Ma^{ta} qualcosa, io l' harei potuto fare con piu fondamento et honesta che non hauete fatto voi, perche io gli harei parlato con sostancia et del mio et non farni bello delle mie forti che come hauete fatto voi. Et piu mi prometeste di venir à sugellare el vostro scritto, et non l' hauete fatto. Et anco mi prometeste di portarmi el restante della vostra minera, et non l' havete maneo fatto, per il che io considerando tutte queste vostre qualita io son deliberato di non sequitar piu oltra, per tanto vi prego rimandatemi el mio scritto, et cercato chi meglio vi parera, ch' io per me non me ne voglio piu impaciare in conteniuno, et vi protesto oli non mandar per detto minera per mio conto ch' io non la voglio hauer in conto niuno. Et conqueto miracco^{do} di cuore, et prego Dio vi dia miglior fortuna con altri. Questo di x Aprile del 77. In casa.

H^o V^o Giouābatt^a Agnello.

Al Molto Mag^{co} Sr Michiel Lok.

1577 Jn^o Bap^{ta} Agnello. Rec^d the 3 April, 1577.

[*Colonial, East Indies, No. 28. Domestic Eliz., cxix, No. 31.*]

MR. MARTIN FURBISHERS PETITION TO HER MAJ^{TY} TO BE GRANTED TO HER IN RESPECT OF HIS TRAVAIL ALLREADY, AND HEREAFTER TO BE BESTOWED IN DISCOVERIE OF NEW LANDS.

THAT it maye please yo^r Ma^{tye} in respect of the late discoveries I have made to the north west, and my greate charges and travaill performed therein to graunte to me and myne heires, for ever under yo^r Ma^{ties} letters patentes, the high Admirall-shipp by sea, as well of all those seas alreadie by me discovered or hereafter to be discovered as also duringe my life the government and order by land of suche people of what nature soever they shalbe that shall inhabitt in any parte of those discoveries made or to be made by me and the same to be executed by my self or sufficiente deputie wth suche consideration of fee or allowunce for thexecucion therof as shall beste please yo^r Ma^{tye} to bestowe on me for the same.

Ffurther, that it maie please yo^r Ma^{tye} to graunte me duringe my life for my travaill and service performed in thies discoveries fyve powndes of the cleare gaine of every c^{um}. that shalbe brought owte of the landes or islandes discovered or hereafter to be discovered by me to the north-west. And after my death to myne heires forever xxs, 5, of every c^{um}. of cleare gaynes to be brought as aforesaid.

Item, that I maie make free yerelie, duringe my life, of this voyage,

six persons, so that for the firste yere they comme not in wth above cum. stocke, and after to adventure as all others shall do by order.

And also that every shipp freighted yerelie into thies new discoveries in consideracion of the greate care I must take of them bothe in appointinge apte men to take charge of their shippes, and also must instruct them by sondrie orders and observacions how to holde companie wth me shall, duringe my life, give me one toone freight of every c. toones to be brought from those places to be paide me in monie by the owner or owners of those shippes accordinge to the value they shall receive or to carrie me the freight of one toone at my choise.

[*Colonial, East Indies, No. 32. Domestic Eliz., cxix, No. 33.*]

A BRYEF NOTE OF THE COSTE AND CHARGE OF THE IJ SHIPPS
AND FURNYTURE FOR THE SECOND VOYAGE FOR CATHAI,
ETC.

	<i>li.</i>
For the shyp Ayde, to the Quenes Matie	750 0 0
For the ij barkes Gabriel and Michael, w th almaner furny- ture and ordonans	400 0 0
For new buyldinge and translating the same ships and for new tackelyng and implementes	650 0 0
For ordenans and munytion new bought	550 0 0
For vyttelles	950 0 0
For wagys of men	650 0 0
For necessaryes, for the mynes and workmen	150 0 0
For marchandyse, for traffyke, and provision	300 0 0
Sum of all	<u>li.4400 0 0</u>

This account is but gessed very nere the trewth for that thaccounttes are not yett brought in perfectlye.

And the whole stock of the venturars sett downe in certayntyte as yet dothe amonte but 3000 0 0

Wherof is yet received but *li.*2500

And so thear lachethe in stock of the venturars to supplye
this whole charge *li.*1400 0 0

Ffor the wth summe of *li.*1400, the venturars are to take order presentlye to dyscharge the debt owinge to dyvers men for thinges had for the furnytur of the said shyps and voyage, whiche is most humbly besched by Michael Lok, who hathe gyven his promesse to them for the payment therof by order of the Commyssyoners.

[*Colonial, No. 29. Domestic Eliz., cxi, No. 49.*]

A NOTE OF THE PROVISION AND FURNYTURE NECESSARYE FOR
THE SECOND VOYAGE FOR THE DYSCOURYE OF KATHAI, &c.

A great peece of this charge cut of, for thare went but one shippe
and two barckes in this viage.

A shyp of cxi ton burden, w th tackelinge, ordenans, and munition	li	1000
A ship of cxx ton burden, w th tackelings, ordenans, and munition		800
ij barkes of burden xxv ton eche, w ^{ch} were in the first voiage, w th their tackelinge, ordenans, and munition, w ^{ch} now they have, and others to furnyshe and repayer the same, all . . .		450
v shallop, botes, w th their takle and furniture, wherof ij w th close overlaps at xx <i>li</i> the peece, and iij open, at x <i>li</i> the peece		70
A ship of c ton burden, to be fraighted for fysshinge, in the Straytts where Furbysher was, and from thens to retorne, w th one of the barkes in valew		—

Sum of the shyps 2320*li*

The vyttels for the 180 men, for the said ij shyps and ij
barkes, for xvij monthes, at xiijs. iij*d.* the monthe, for
eche man li2160 0 0

To say in one ship 70 maryners, another 60 maryners, in
the ij barkes 30 mariners, and twenty men of offyces and
artyfyce.

The wages before hand of those 180 men, for their provi-
sion, at iij*li* the man, one wth another li600 0 0

Sum of all this—li5080 0 0

The marchandyse for stock, clothes, 50 carseys, 200 cottons,
40 frizes, 10 tyn ijm. leade, ijm. coppar, and kettels ijm.
and all other marchandyse li1200 0 0

Sum of all—li6280 0 0

That it would please the Quenes Ma^{tie} to graunt her letters patentts
of priviledge in the Corparation to the fyrst Venturars and their suc-
cessors, in ample maner.

That it would please Her Ma^{tie} also to graunt auctoritie to Mr.
Frobysher, for the government of the men in obediens.

That warrant may be graunted to take vyttells at reasonable pryces, and

to prest men at reasonable wagys, and to take shyps at reasonable praysement for the sarvyce of this voyage, yf the Quenes Ma^{ties} shyps doo not sarve.

That order may be taken by agrement of the venturars for offycers for the good governement of the Company, and the mayntaynans of their pryvyldges, and to take the charge of the whole busynes and accountts.

That the shyps may be redy to departe on their voyage by the x day of Marche.

That men may be named by secret commission, to supplye the charge of Mr. Frobysher and Mr. Hawlle, vppon any myshappe, and to be kept secret vntill tyme of nede.

[*Colonial* 33. *Domestic Eliz.* cxi. No. 48, i.]

26 of Marche, 1677.

SHIPPINGE THOWT MYET TO BE EMPLOYDE IN THE VIAGE
ENTENTED BY MR. FURBUSER, viz. :—

	Tons.	Mariners.	Soldiers.	
The Ayde	200	65	25	} Men 115
The Gabriell	15	10	3	
The Myghell	25	10	2	
	<hr/>	<hr/>	<hr/>	
	240	85	30	

A preporion of vittouls for the said 115 men.
 (Bysket 16 tons.) Item bysket for v monthes of 28 daies to the monthe contayneng 140 daies after the rate of 1*li* per man per diem, xiiij^m iij c. iij quarters at xiiij s. iij ct. per c. 95 16 8
 (Meale 30 tons.) Item meale for xiiij monthes contayneng 364 daies, 240 barrells contayneng eche barrell iij bushels w^{ch} maketh 960 bushells at iiij s per bushell, 19*li* mor for the barrells and gryndinge at xx s. per barrell 19 10 0 mownts 211 10 0
 (Biere 80½ tons.) Biere for vi monthes conteyaneng 168 daies after the computation of one gallone aman per daie 80½ ton at 2*li* 5s per ton wth caske iron whoopes and chardges 181 2 6
 (Wyne 5 tons.) Malmsey and secke v tons at xx*li* per ton 100 0 0
 (Biefe 5 tons.) Biefe for iij monthes having fleshe daies 48, at 1*li* a man per diem, vij^m iij^c weight grose at xiiij s per c weight 51 16 0. Item for baye sawlte to preserve the same 55 bushells at ijs per bushell 5 10 0.

Item for iiij tons ij hogsheads of caske to packe the same in at xs per ton, 2 5 0 mounts	59 11 0
(Porke 15½ tons.) Porke for 15 lieke monthes contayneng 240 daies after the rate of <i>li</i> weight aman per diem, xxiiij ^m l viij ^c xxiiij <i>li</i> weight at xiiij ^s per c weight 173 15 0 more for 186 bushels sawlte at ijs. 18 12 0 more for 15 ton ½ of caske at 10s per ton, 7 15 0 mownts	200 2 0
(Peasee 10 tons.) Item pease for 288 fleshe daies in the 18 monthes as afore saied allowinge to iiij men 1 qt of pease per diem, 258 bushels at 3s per bushell 38 14 0 more for 10 tons of caske, 5 0 0	43 14 0
(Stocke fyshe 2½ tons.) Stocke fyshe for 108 daies in ix monthes, as afore saied at 1 quarter of a fyshe aman per diem, iiij ^m lc fyshes at ij ^{li} per c	62 0 0
(Butter 2 tons.) Butter for the saied 108 daies at 1 quarter of a <i>li</i> weight eche man per diem, 3,105 <i>li</i> weight salte at iiijd per <i>li</i> 51 15 0 more, for waste 250 <i>li</i> weight at iiijd per <i>li</i> weight 4 3 4	55 18 4
(Chiese 4 tons.) Chiese for other 108 daies at half-a- <i>li</i> weight aman per diem 6210 <i>li</i> weight subtyll more 500 <i>li</i> weight for allowans of waste amowntinge in the wholle to 6710 <i>li</i> weight at xvjs viijd per c weight	55 18 4
(Otmeale 1½ ton.) Item otmeale 40 bushels towards the suplyenge the want of fyshe	10 0 0
(Riese 1½ ton.) Item riese for the lieke cause 2000 oz.	26 13 4
Item caske to stowe the saied otmeale and riese in iiij tons at xs per ton.	1 10 0
Item honney ij barrells at ij ^{li} vis viijd per barrell	6 13 4
Item sallet oyle 1 hogshead	10 0 0
(Provision for store 8 tons.) Item vyneger 1 ton	8 0 0
Item aquaviete ij hogsheads	10 0 0
Item musterseede iiij bushels	1 10 0
Item candles xij c weight at iijd per <i>li</i>	15 0 0
Item baye sawlte v ton at iiij ^{li} per ton	20 0 0
(Woode 14 tons.) Item wood xiiij ^m l at xiijs iiijd per j ^m l	9 6 8
(Sea coales 30 tons.) Item sea coales 20 chawders at xiijs iiijd per chawders	13 6 8
(Charcoale 1 ton.) Item charcoales 1 loade	1 6 8
Item fyshinge nets, fyshinge lyenes, hooks, harpinge irons and suche lieke nessesaries	8 0 0
(Provision for sick men.) Item to allowe the surgeone towards the furneshinge of his cheaste	6 13 4
Proynes 2 firkens	2 0 0
Item reasons, almonds, liccores, etc.	2 0 0
(Provision for the apparelling of the men.) Item wollinge	

SUBSEQUENT TO THE FIRST VOYAGE.

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clothe for jirkens, breche and hose, canvas and lynnenge	.	.	.
clothe for dublets and sherts, hats, caps, and shewes, etc.	100	0	0
(Chardgs). Item for land carrage, wharffage, labras			
packinge of bief and pork, water carriage, and other			
extraordennarie, etc.	30	0	0
(Rigging, wages, and vittales.) Item for the rigginge,			
wages, and vittails of lx men for ij monthes to end the			
last of Aprile next at xxijs vid aman per mensem	127	10	0
(Prest monney vppon wages.) Item for the too monthes			
wages to be emprest to the company at ij <i>li</i> per man	230	0	0
(Merchandizes). For provision of merchandizes	500	0	0
(The Ayde). The Ayde the firste penny	750	0	0
Item more to furnishe her w th ordenance, takle, apparrell			
and monytions, etc.	450	0	0
(The Gabriell.) The Gabriell throughly perfected in all			
respects	180	0	0
(The Myghell.) The Myghell in lieke sorte	180	0	0
Item ij shallopes	24	0	0
	2582	3	4
Sum of tons	226	tons	$\frac{1}{2}$
Sum of monney	3778 <i>li</i>	2	10
Item for the hier of a ship of cxx tons to waight			
vpon the ships to the Straight, etc.	500 <i>li</i>	4278	2 10
Item for divers extraordinary chardges		221	17 2
Sum of all <i>li</i> 4500	£4500	0	0

[*Colonial East Indies*, No. 50. *Domestic* cxix, No. 41.]

THE NAMES OF THE VENTURERS IN THE SECOND VOYAGE FOR
CATHAIA, &C, BESYDES THEIR VENTURE IN THE FIRST
VOYAGE.

The Quenes Ma ^{tie}	1000
The Privie Counsell.	
The Lord Highe Treasurer, 50	100
The Lord Highe Admirall	100
The Lord Chamberlayne, 50	100
The Erle of Warwyke, 50	100
The Erle of Bedford, 25	50
The Erle of Leycester	100
Mr. Treasurer	50
Mr. Controller	50
Mr. Secretarie Walsyngham	200

Other Venturars.

The Erle of Pembroke	150
The Countesse of Warwyke	50
The Countesse of Pembroke, 25	50
The Lady Anne Talbot, 25	50
The Lord Hounsdon	50
The Lord Charles Howard	50
Sir Henry Wallop, and others	200
Sir Thomas Gresham	100
Sir Leonell Duckett, 25	50
Sir William Wynter	200
Mr. Phillip Sydney, 25	50
— William Pellam	50
— Thomas Randolphe, 25	50
— George Wyntar	100
— Edward Dyar, 25	50
— Symon Boyer, 25	—
— Anthonye Jenkynson, 25	50
— Mathew Smythe	50
— Gefrey Turvyle	50
— William Payntar	50
— Richard Boylland	50
— Mathew Ffyld, 25	50
— Edward Hogan	50
— Richard Yonge	50
— Thomas Allyn	50
— Christofer Huddesdon	50
— William Ormshamc, 25	50
— Robert Kyndersley	50
— Michael Lok	200

[*Colonial, 33. Domestic Eliz., cxi, No. 48, 11.*]

YERE 1577.

THE VENTURERS IN THE SECOND VOYAGE FOR CATHAY, ETC.

In the first voyage as folowethe.	<i>li.</i>
The Quenes Ma ^{tie}	500
50 My Lord Highe Treasurer	100
50 My Lord Highe Admirall	100
50 The Erle of Sussex	100
The Erle of Bedford	25

SUBSEQUENT TO THE FIRST VOYAGE.

109

50	The Erle of Warwyke	100
50	The Erle of Leycester	100
	The Erle of Pembroke	100
	My Lord Hounsdowne	50
	My Lord Charles Howard	50
	Sir Frauncys Knowells	50
	Sir James Croft	50
25	Mr. Francys Walsyngham	50
25	Mr. Phillip Sydney	50
	My Lady Anne Talbot	25
	Mrs. Mary Sydney	25
100	Sir Thomas Gresham	200
25	Sir Leonell Ducket	50
	Sir Henery Knevet	25
	Sir William Wyntar	50
25	Mr. Thomas Randall	50
	Mr. George Wyntar	50
25	Anthony Jenkynson	50
	William Sakford	25
	William Killygrew	25
	Symon Boyer	25
	Geffrey Turvyle	25
	William Payton	25
	Richard Boyland	25
100	Michael Lok	300
50	Edmond Hogan	100
	Mathew Fyld	50
100	William Bond, yonger	200
25	Mathew Kyndersley	50
	Robert Kyndersley	50
25	Christofer Androwes	50
25	Robert Martin	50
All 850	Henry Lok	25
	Thomas Marshe	25
	William Ormshaw	25
	Olyffe Burre	100
	Thomas Chester	25
	Thomas Kelke	25
	Thomas Aldworthe	25
	Robert Halton	25

1225

All the 30 Marche 1577 *li.* 2000

[*Colonial*, No. 33. *Domestic Eliz.*, cxi, No. 48.]

REPORT UPON THE OUTFIT FOR THE SECOND VOYAGE.

It may please yo^r Lordships to understand, wheras you have by yo^r letters, beringe date the xviith of this present, requyred that wee shulde take vpon vs the care of the thorough and speedy settinge furthe to the seas of Mr. Furbusher, wth the shippinge thought meete to passe wth him for the discoverie pretended. So it is that accordinge to your honorable comawndement wee have travelled in the same, and do perceave as followeth : First, wee do finde as well by theexamynacion of the said Mr. Furbusher, as also of the master that was wth him in his last viadge, and other of that company whom wee have particularly examyned a part one from the other, and also vpon dyvers and sundry other matters whiche wee have persved and weyed, that the supposed Straight whiche Mr. Furbusher doth sett out is so farr fourth as we can gather and judge a trueth, and therefore a thinge wurthie in our opynyons to be followed. The number of shippes and other vessells wth the men to go in them, the provicion of victuells to be made, wth all other necessaries fitt for to serve for the said viadge, wee have throughly considered therof, and haue sett downe the same in particulers whiche dothe amount to iiij^m v^e li, as by the said particulers subscribed wth our handes may plainly appere, towards the whiche wee do likewise finde that there is in provicion as well in shippinge as other necesseries to the valewe of one thowsand powndes little more or lesse. So there is to be levied vpon suche as are, or will be the Adventurers, the residewe of the fornamed some of iiij^m v^e li, mowntinge to three thowsand five hundred powndes, whiche matters before rehersed, wee have thought it meete and our dueties to reveale the same, not only to yo^r Honnors, but also to other partners of that Company of Adventurers in the forsaid viage to thend that the same beinge knowen, speedy order may be taken that every person who hath entred into the Company, and sett downe suche somes of money as they will adventure, that they do forthwith take order to bringe in their said somes to Mr. Huggins, beinge appointed Treasurer of that Company, withoutt the whiche nothings can be donne, and if it should be any longer deferred, tyme wolde not serve this yere to take the viage in hand. And thus havinge shewed to yo^r Lordships, and the rest, our travaills and opynyons in that behalf the whiche we leave to yo^r honorable consideracions, wee rest prayinge God to preserve you. London, the xxxth of Marche, 1577.

The charge
to set 3
ships fourth
4500*li*.

There is
already in
shipping
about 1000*li*.

To be yet
levyed
3500*li*.

Order to be
taken that
such as ar
entred into
the Com-
pany, and set
down their
somes, may
bring up the
same w^t
speede.
Nothing can
be don
vlesse it be
brought yn.
The tyme
passeth, al-
most past
for y^s yere.

Yo^r Honorable LL. to command,
W. Wynter, Tho. Randolph, G. Wynter,
A. Jenkinson, Edmond Hogan, Michael Lok.

[*Colonial, 30. Domestic, Eliz., cx, No. 21.*]

ARTICLES OF GAUNT FROM THE QUEENE'S MAJESTIE TO THE
COMPANYE OF KATHAI.

That A, B, C, D, etc., all the names of the fyrst venturers, with M. Lok and M. Frobisher, in the fyrst vyage and attempt made for discovery of Kathai and other newlandes by the north west wards, shalbe one Companye and corporation for ever to them and their successors.

A corpora-
tion and all
things to be
omitted to
be com-
pressed in
form of the
charter of
Moscovia.

That the sayd Companye shalbe named the Companye of Kathai.

That they shall haue pour and auctoritie to admytt others into their corporation at their pleasurs.

That they shall haue poure and lybertie to assemble them selves and to kepe courtes when and wher they will.

That those which shalbe assembled being xv in number at the lest, shall haue poure and auctoritie to chosse a governore, ii consulls, and xii assistantts, to continew in their offyce for terme of iij yeres now nex comyng, and afterwards to chuse ij governors, iiij consulls, and xxiiij assyantts, to contynew in offyce for iij yeres, and so to be renewed or changed from iij yeres to iij yeres.

That those which shalbe so assembled in court in number and order afforsayd, which the governor, ij consulls, and xij assyantts, shall haue full poure and auctorytie to make lawes and ordynances and actes from tyme to tyme as they seme good for the good order and govermentt of the Companye, which shall bynd all the Companye to the dew obseruation therof, and maye sett fynes and penalties uppon the transgressors therof, and comytt them to pryson and attache their goodes untill they performe them.

That they may haue a sargant or offycer or twayne to execute their lawes and actes.

That they maye revok their former lawes, and mak other new lawes, as maye seme good from tyme to tyme for the good goverment of the Companye.

That they may haue a common seal.

That they may sewe and be sewed in all the courtes of the reame by name of the Companye of Kathai.

That they may purchase landes and tennements to the vallowe of one hundreth poundes rent, and may sell and mak leases.

That they may possesse and enjoye all their goodes.

That they may do all thinges in as ample and beneficiall manner as any other corporation may doo.

That they and their successors, and their factors, servantes, deputies, and assignes, shall haue free lybertie, poure, auctoritie, and pryvedge for ever at their will and pleasure, to sayll, goo, and otherwysse by any

As much
herof as
shall not be
contrary to
the former
charters of
the mer-
chants of
Moscovia to
be accorded.

meanes to passe to and from all seas, waters, iles, landes, countryes, etc., saylinge or otherwysse passinge from England, northward, westward, or sowthewarde, or by any other poynt of the sea compasse, betwene the northe, the west, and the southe, aswel under our banners and ensignes as otherwysse without them, with whatsoever shipps and other vessells, and with all manner vythual, munition and furnytur and necessaryes for the same, and with all manner of marchaundis and goodes for to seke, discover, and fynd whatsoever seas, waters, iles, landes, regions, countryes, provences, and other places whatsoever, of whatsoever gentells, heathen, infidells, or other nations, sett and beinge in whatsoever part of the world, which before this tyme, and before the late vyage of discovery made by Martyne Frobysher to the northewestwards hath been unknowne, or not commonly frequented, by the subjects of our reame of England for trade of marchaundise. And also in the same seas, waters, iles, landes, countryes, regions, provences, and other places, and to and from the same, shall and may frelye at their wills and pleasurs from hence fourth for ever, use traffic and trade of merchaundise, and otherwise doo what soever bussines and thinges to them shall seme good and convenyent for their owne proper vantage, comoditie, and proffyt, without theirby incuringe any manner of penaltie, forfayture, or other molestation or trowble whatsoever, notwithstandinge any pryvedge or other actes, lawes, or thinges whatsoever to the contrarye herof in any wysse.

That none other parson, subject, nor denyson of our realmes and domynions, nor any other of whatsoever nation, not beinge free of this Corporation or Companye, shall passe by any meanes to nor from any of the sayd seas, landes, etc., nor vissett the same, nor therein do any featt of marchaundise, nor other business, without the speciall consent and lycence of the sayd Companye, under their common seall, graunted in courtt or otherwysse then for the affayres and bussines of the sayd Companye by their order, uppon payne of losse and forfeyteure, *ipso facto*, of all shipes, vessells, and goodes whatsoever, transported to or from any of the sayd countryes or places, or the vallew thereof, the halfe to the Quene, the other halfe to the Company, to be taken or sewed for by seasure or accyon of debt or otherwysse in any of the Quene's courtes, etc.

That to their best poure and abilitie they may forbyd, withstand, and repulse all other parsons of whatsoever nation that shall dysturbe or interrupt them, or intermedle in their trade of marchaundis or otherwysse in any their attemptes in any of the sayd seas, lands, countryes, or other places before sayd, without therby incuringe any penalties or daunger of our lawes, etc.

That of all the marchaundis which they shall carrye out of our reames and domynions they shall pay no more nor greater custome, subsedy, nor other dewties unto us nor to our heyres, then is now dewe or shall be dew to us by our subjectes by the lawes and customes of our reame.

That of all the goodes, wares, and marchaundis which they shall bringe into England from the countryes afforsayd they shall pay but halfe custome, subsedyes, and other dewties now dew to us, for the terme of xx yeres now next ensewinge, and afterwarde shall paye to us and our heyres for ever no more but 5*£* of 100*£* of the vallew of the same marchaundise that they shall bringe in, accordinge to the vallewation therof, now vsed in our customs in London.

That they shall freeley and at their pleasure transport out of our reames and domynions into any other reames and countryes all such wares and marchaundis as they shall bringe in and not sell in our domynions, free, without payment of any custome or dewtie to us outwarde for the same, notwithstandinge any lawes to the contrarye, etc.

And furdernore, in consideration of the industry, good direction, and great travayll of Michaill Lok of London, mercer, in the fyrst voyage lately attempted by Martyne Frobyshe, gent., for dyscovery of Kathai and other new landes by the northewestwardes, we doo graunt and will that the sayd Michaill Lok shalbe the fyrst governore of the sayd Companye, to contynue in that offyce for terme of his lyffe, except he will resygne the same. And also in consideration of his great cost, charges, and venture for the provision and furnytur of the forsaid fyrst voyage of dyscoverye, we do graunt and will that he shall haue, receive, and tak of the sayd Companye to his owne vse and behoffe for ever, the rate of one of every hundreth of all the wares, goodes, and marchaundis that shalbe brought into England or other countryes for account of the sayd Companye, accordinge to the rate and vallew therof in the payment of custome to the Quene's majestie.

And lykewyse, in consyderation of the industry, good order, and great travayll of Martyne Frobyshe, gent., in the execution of the fyrst voyage latly made in his own parson for the dyscovery of Cathai and other new landes by the northewestwardes, we do graunt and will that the sayd Martyne Frobisher, dewringe terme of his naturall lyffe, shalbe High Admyrall of all seas and waters, countryes, landes, and iles, as well of Kathai as of all other countryes and places of new dyscovery. And also in consyderation of his good sarvyce therein, we do graunt and will that he shall haue, receive, and tak of the sayd Companye to his owne proper vse and behoffe for ever the rate of one of every hundreth of all the warres, goodes, and marchaundise that shalbe brought into England or other countryes for account of the Companye, accordinge to the rate and vallew therof in the payment of custome to the Quene's majestie.

That all the malle chyldren of all the fornamed parsons, which weare fyrst venturers of the Companye, and also the heyres malle of every of the sayd malle chyldren for ever, shalbe admytted into the lyberties and pryveledges of the sayd Companye gratis from tyme to tyme.

[*Colonial*, No. 31. *Domestic Eliz.*, cx, No. 22.]

ARTICLES CONSENTED AND FULLY AGREEDE BY THE COMPANY
OF KATHAYE.

Thatt the Company shalbe named the Company of Kathay.

Thatt Michaell Lok shalbe Governour for vj yerres next ensuinge.

Thatt A. B. shalbe Consullor for iij yerres.

Thatt A. B. C. shalbe Assistante for iij yerres.

Thatt A. shalbe Agente for iij yerres, to doe all the buisness of the Company, according to order of the Company, and shall have stipende yerely.

Thatt Edmond Hogan shalbe Tresourror for iij yerres.

Thatt in consideracion of the industry, good direction, & payns takinge of Michaell Lok in the first viage latly attempted for discouery of Kathay & other new landes, by the Northwestwardes, and also of his great cost, charges, and venture for the provision and furnyture of the same, he shall haue, receiue & take of the Company to his owne vse for ever, the rate of one of every 100, of all the wares, goodes and marchandise, thatt shalbe brought into England or other countries for account of the Company, accordinge to the rate & valew therof in the payment of custome to the Quene's Ma^{tie}.

Thatt in consideracion of the like industry, good order & great travile of Martyn Frobisheir, gent., in the execution of the firste viage latly made in his owne parson, for the discouery of Kathay and other new landes by the Northwestwardes, he shalbe general Captayne by sea and Admyrall of the shippes & navie of the Company duringe his life, and shall have stipend yerely duringe his life, and also shall have, receve & tak of the Company to his owne vse for ever the rate of one of 100 of all the wares, goodes and marchandise thatt shalbe brought into England or other countries for account of the Company, according to the rate & valew therof in the payment of custome to the Quene's Ma^{tie}.

Thatt from hence forth for ever the some of one hundreth poundes of Englishe money shalbe accompted one single parte or share in stok of the Company.

Thatt every parson of this Company as well those w^{ch} now are the first ventures as all others w^{ch} hereafter shalbe free of this Company & wilbe venturers, shall put into accompt for their stock one hundreth poundes of English money, w^{ch} shalbe accompted for one single parte and as many more lik single partes as they please, nott beinge above five single partes, and as the traffick from tyme to tyme will suffer to occupy great stock.

Thatt every one of the first venturers shall haue liberty to put in stock doble number of single partes of any other of the venturers from tyme to tyme.

Thatt every new stock of new account from tyme to tyme shall conteneu for iij yeres, and att thatt tyme thaccompt therof shalbe clearly made up and fynshed, & therof divyden then shalbe made, & shalbe paid to every one of the Company venturars in thatt accompt, or to the heires or executors of those w^{ch} shalbe deade in thatt meane tyme all thatt shalbe founde dew to them vpon thaccompt accordinge to the rate of their stok therin put.

Thatt all such parsons as shalbe admitted into the fredome of this Company att this next cominge viage & venture to be made, shall paye for a fyne xxx poundes towards the charges and losses sustayned by the venturars of firste viage made for discouery.

Thatt Mychaell Lok and Martyne Frobusher shalt haue libertye to assigne x parsons to be admytted into the fredome of this Company gratis, att their pleasure, thatt is to saye, each of them to assigne five parsons.

Thatt no parson shalbe admitted into the fredome of this Company after this next coming viadge to be made vntil the ende of iij yeres & fynshinge of that accompt.

Thatt all other parsons w^{ch} shalbe admitted into the fredome of this Company by redemption after the saide iij yeres tyme & ende of thatt accompt, shall paye for afyne tow hundreth poundes of money, to the vse and benefitt of the whole Company.

Thatt a competent howse and warehowse shalbe highred for the buisnes of the Company, and officers & servantts nedfull for the same.

Thatt all the goodes & marchaundise of the Company shalbe marked wth the mark in the margent.

Thatt all the male children of all the forenamed parsons which weare first venturars of this Company, & also the heires male of every of the said male children for ever, shalbe admitted into the liberties & privedge of the saide Company (gratis) from tyme to tyme.

Thatt such of the Company as shall dye wthout male children may give and assigne over his fredome of this Company to one other parson, by his last will and testament.

[*Colonial, East Indies, No. 26. Domestic, cxix, No. 32.*]

A BRIEFF NOTE OF ALL THE COST AND CHARGE OF THE IJ SHIPPS GABRIELL AND MICHAELL AND THEIR PYNNASSE WITH ALL THEIR FURNYTURE FOR THE FYRST VOYAGE TO CATHAY, ETC., SENT WITH MARTYN FFURBISSHER IN JUNE, ANNO 1567.

	<i>li.</i>
Ffor the hull of the new shipp Gabriell	83 0 0
For the new pynnasse of vij ton	20 0 0
For the shippe Michael, with old takle and furnytüre	120 0 0

For new takling and rigging them all	229 16 10
For ordenance and municion	100 8 4
For instrumentes of navegacion	50 14 0
For vittuall for the whole voyage	387 14 10
For men's wages paid before hand	213 17 8
For marchandiz for traffick	213 5 8

Sume of all the charge appering particularly bie account	li1418 17 4
And nowe wages and charges paid syns the retorne of the shippes home untill the end of December anno. 1576	li195 1 11
Sume totall	li1613 19 3

And all the whole stok of the adventurers sett down in certaintie were but	875 0 0
So there lakid in stok of the adventurers to supply the whole charge	li738 19 3

For the which sume of li738 19s 3d the venturers are to consider to-
wardes Mighell Lok, who did pay and disburse the same for them so
long tyme as thaccountes shall declare to his great hyndrans and
great danger if it had been lost.

After the retorne home of the said ij shippes were sold
divers parcells of the merchandiz and vittuall which
wold not kepe good as particularly by account apperith li117 18 7
And all the rest of the shippes and goodes remaying were valued and
sold to the account of the second voyage as follows:—

For the marchandiz	li148 5 5
For the ij shippes	400 0 0
For wyne and other vittualls an divers implementes	147 15 3
Sume of the remayner sold and charged in account of the second voyage	696 0 8
Sume of all the discharge of this first voyage amountes	813 19 3
So ther was left clare by this first voiage with the stok of the adventurers must bere untill God send better successe	800 0 0
And so restith still good in stok of this first voyage li75 0s 0d which is putt to the account of the second voiage with god increasse	li75 0 0

ACCOUNT OF THE SECOND VOYAGE, WITH
THE INSTRUCTIONS GIVEN TO
MARTYNE FURBISHER.

Colonial, 39. *Domestic Eliz.*, cxiii. No. 12.

INSTRUCTIONS GIVEN TO MARTYNE FURBISHER, GENT., FOR ORDERS TO
BE OBSERVED IN THE VIAGE NOWE RECOMMENDED TO HIM FOR
THE NORTH WEST PARTS AND CATHAY.

1. FYRST, you shall entre as Captayne Generall into the chardge and government of these three vessels, viz., the Ayde, the Gabriell, and the Michaell, wth all that appertaynethe to them whatsoever.

2. Item, you shall appoint for the furnishing of the sayd vessels, the number of 120 persons, whereof xc shalbee maryners, gonneers, carpenters, and other necessarie men to serve for the vse of the shippes: the other xxx to bee moyners, fyners, merchants, and other necessarie persons bothe to accompanie and attend vppon you wth number you shall not in any wise excede.

3. Item, the victualls for vij monthes w^{ch} is delivered into the sayd shippes for the provision of the foresayd persons, you shall carefully see the same expended and preserved without spoyle or hurt taking by negligence.

4. Item, you shall not receave into yo^r companie anie disordred person as neere as you may, and vppon knowledge had to remove them except such as you have received by our order yat were prisoners and condemned persons.

5. Item, you shall vse all diligence possible to depart wth yo^r sayd vessels from hence before the xxth of this

present, and to take yo^r course by north or the west as the wynds will best serve you.

6. Item, in yo^r waye outwards you shall, if it bee no hinderance to yo^r viage, sett on land vppon the coast of Friesland vi of the condemned persons w^{ch} you carie wth you, wth weapons and vittualls suche as you maye conveniently spare : and yf hit can not be don outwards, you shall doe yo^r endeavour to accomlishe the same in yo^r returne ; to which persons you shall give instructions howe they may by their good behaviour wyn the goodwill of the people of that country, and also learne the state of the same : and yf you sett them a land in yo^r goyng outwards, then doe your best to speake wth them in yo^r returne.

7. Item, when you shall bee past the lands of England, Scotland, or Ireland, you shall direct yo^r course withe all yo^r vessels to the island called Hawls Island, beyng in the entrance of the supposed Straight w^{ch} wee name Furbisher's Straight, discovered by yo^r selfe this last yeare. And in yo^r jorney thitherwards you shall have a speciall regard so to order the matter as yo^r vessels doe not loose the companie one of the other : and yf anie wilfulnesse or negligence shall appeare in anie person or persons that shall have chardge (or otherwise) in doying of the contrarie then you shall sharply punishe the same to the example of the rest.

8. Item, at your arrivall at Hawls Island you shall seek a good harborowe for the shippes as nere the same island as may bee, and there to place yo^r shippes in saftie ; and from thence you shall repare wth suche vessels and furniture as is apt to the place where the mynerall oore was had w^{ch} you brought hither the last yeare, and there to place the moyeners and other men to worcke and gather the oores foreseeyng that they maye bee placed as well from danger and malice of the people as from anye other extreamitie that maye happen.

9. Item, when you have placed yo^r moyeners and other persons as before is sayd, you shall then embarck yo^r selfe in

one of the small barcks and take the other barck also wth you, leaving the Ayde behind you in the chardge of some discreet person as well to receave and lade the oores w^{ch} shalbe gotten as also to succour the worckmen; wth the w^{ch} twoe barcks you shall repare towards the place where yo^r men and boate was taken from you, and in the waye goynge you shall make searche bothe for good harborrowes, and also for other moyennes: and yf vppon prooffe you shall fynd moyenes to bee richer than those from whence you came, then you shall returne to the fyrst worckes and remove the moyeners and shippe to those other moyenes as you shall see cawse: and the worckmen beyng once well settled, then you wth the barcks shall proceade for the searching owt of yo^r men lost, and also to discover L or a c (so farr) leagues westward more from that place as ye maye be certayne that you are entred into the South Sea; and in yo^r passage to learne all that you can, and not to tarye so longe from the Ayde and worckmen but that you bee able to retorne homewards wth the shippes in due tyme.

10. Item, to consider what places maye bee the most aptest to make fortification, yf neede requyre to the defence of the moyeners and possessynge of the countrie, and to bring perfect plottes and notes thereof.

11. Item, yf it bee possible you shall leave some persons to wynter in the Straight, givynge them instructions how they maye observe the nature of the ayre and state of the countrie, and what tyme of the yeare the Straight is most free from yse: wth whome you shall leave a sufficient proportion of vittals and weapons, and also a pynnesse wth a carpenter and thinges necessarie so well as maye bee.

12. Item, yf it shall happen that the moyenes do not yeald the substance that is hoped for, then you shall furnishe the twoe barckes wth such as you maye take owt of the Ayde, and therewithall you shall proceade towards the discovering of Cathaya wth the two barcks and returne the Ayde for England agayne.

13. Item, as you shall mistrust rather to muche than any thinge to litle towching the matter of yo^r saltie, when you happen to come to have conference wth the people of those parts where you shall arrive: so agayne wee requyre you, that in all yo^r doynges you doe so behave yo^r selfe, and to cawse yo^r companie to doe the like towards the sayd people as maye gyve lest cawse of offence, and to procure as muche as in you shall lye to wynne bothe frendshippe and likynge.

14. Item, yf you fynd that the oore bee of that qualitie and quantitie that is looked for, that then you doe procure to lade so muche therof in all yo^r shipping as maye bee, allthoughe you doe leave owte other superfluous things.

15. Item, you shall make yo^r returne homewards by the west parts of Ireland, and so by the narrowe seas of England to London, for that wee doe take the same to bee yo^r safest course. And because wee doe not knowe what other matters maye happen to you in the tyme of yo^r jorney, and therefore can not prescribe what is to bee done for yo^r reliefe in suche a case: wee doe therefore referre the consideration of the same to yo^r good discretion, not doubtyng but that the order w^{ch} you will take therein shalbe agreeable wth the good expectation that is conceived of you.

16. Item, wee doe not thinke it good you should bringe hither above the number of iij or iiij or 8 or tenne at the most of the people of that countrie: whereof some to be ould and the other yonge whome wee mynd shall not returne agayne thither; and therefore you shall have great care howe you doe take them for avoidyng of offence towards them and the contrie.

Lastlie we thincke it verie meete that you geve expresse commaundement vnto the fyners and tryers of the oore that they doe not dyscover the secreats of the riches of suche moynes as by you shall be founde out vnto anie besids your self and such others as to you shall be thought fit should be made acquaynted therewith for her M^{tie} better service in that behalf.

A TRUE REPORTE
OF SUCH THINGS AS HAPNED IN THE SECOND VOYAGE
OF CAPTAYNE FROBYSHER, PRETENDEd FOR THE DIS-
COVERIE OF A NEW PASSAGE TO CATAYA, CHINA,
AND THE EAST INDIA, BY THE NORTH WEST.
ANNO DO. 1577.

BEYNG furnished with one tall shippe of hir Majesties, named y^e Ayde, of two hundreth tunne, and two other small barkes, the one named the Gabriell, the other the Michael, about thirtie tunne a peece, being fitlie appointed with men, munition, victuals, and all things necessary for the voyage, the sayde Captayne Frobysher, with the rest of his companie, came aboorde his shippes riding at Blackwall, intending (with God's help) to take y^e first winde and tyde serving him, the five and twentith day of May, in the yeare of oure Lorde God, a thousande five hundred seventie and seaven.

The names of such gentlemen as attempted this discoverie, and the number of souldyours and mariners in each shippe as followeth.

Boord the Ayde being Admirall, were y^e number of one c men of all sorts, whereof ~~xxx~~ or more were gentlemen and souldyers, the rest sufficiente and tall saylors.

Aboorde the Gabriell being Vice-admirall, were in all 18 persons, whereof sixe were souldyers, the rest mariners.

Aboorde the Michaell were sixteene persons, whereof five were souldyers, the rest mariners.

Aboorde the Ayde was : General of the whole company

for hir Majesty, Martin Frobisher; his Lieutenant, George Best; his Aunciente, Richar. Philpot; Corporal of y^e shot, Frauncis Forder; the rest of y^e gentlemen, Henry Carew, Edmund Stafford, John Lee, — Harvie, Mathew Kynersley, Abraham Lyns, Robert Kynersley, Frauncis Brackenburye, William Armshow; the Mayster, Chrisofer Hall; the Mate, Charles Jackman; the Pylotte, Andrew Dyer; the M. Gunner, Richard Coxe.

Aboorde the Gabriell was: Captayne, Edward Fenton; one gentleman, William Tamfield; the Mayster, William Smyth.

Aboorde the Michaell was: Captaine, Gilbert Yorke; one gentleman, Tho. Chamberlaine; the Mayster, James Beare.

On Whitsonday, being the 26 of May, anno 1577, earely in the morning we wayed ancker at Blackwall, and fell that tyde downe to Gravesende, where we remayned untill Monday at night.

On Monday morning the 27 of May, aboorde the Ayde we receyved all the Communion, by the Minister of Gravesende, and prepared us, as good Christians towards God, and resolute men for all fortunes: and towards nighte we departed to Tilburie Hope.

Tewsday the 28 of Maye, aboute nine of the clocke at nighte, we arrived at Harwitch in Essex, and there stayed, for the taking in of certaine victualles, until Friday, being the thirtieth of May, during whyche tyme came letters from the Lordes of the Counsell, streightelye commaunding oure Generall, not to exceede hys complemente and number ap-
 poynted hym, whyche was, one hundred and twentye persons: whereuppon he discharged many proper men, whiche wyth unwilling myndes departed.

The number of men in this voyage. The condemned men discharged.

He also dismissed all hys condemned men, whyche he thoughte for some purposes verie needefull for the voyage, and towards nyghte upon Friday, the one and thirtieth of May, we sette sayle, and putte to seas agayne. And sayling

northwarde alongst the east coastes of Englande and Scot-
 lande, the seaventh day of June, wee arrived in Sainte
 Magnus Sounde in Orckney Ilandes, called in Latine
Orcades, and came to ancker on the south syde of the Bay.

The first
 arrivall
 after our
 departure
 from Eng-
 lande.

Heere oure companye goyng on lande, the inhabitants of
 these ilandes beganne to flee, as from the enemye, where-
 uppon, the Lieutenante wylled everye man to stayer togyther,
 and wente hymselfe unto theyr houses, to declare what wee
 were, and the cause of oure comming thither, whyche
 beeyng understoode, after their poore manner they friendly
 entreated us, and brought us for oure money, such things
 as they had. And heere our goldfynders found a mine of
 silver.

A myne of
 silver found
 in Orkney.

Orkney is the principall of the Iles of *Orcades*, and
 standeth in the latitude of 59 degrees and a halfe. The
 cuntry is much subject to colde, aunswerable for suche a
 climate, and yet yeeldeth some frutes, and sufficient mayn-
 tenance for the people contented so poorely to live.

There is plentie ynough of poultre, store of egges, fishe,
 and fowle.

For theyr bread, they have oaten cakes, and theyr drinke
 is ewes milke, and in some partes ale.

Their houses are but poore without, and sluttish ynough
 within, and the people in nature thereunto agreeable.

For theyr fire, they burne heath and turffe, the cuntry
 in most parts being voyde of woode.

They have greate wante of leather, and desire our olde
 shoes, apparell, and old ropes (before money) for their
 victuals, and yet are they not ignorant of the value of our
 coine. The chiefe towne is called *Kyrway*.

Kyrway the
 chief towne
 of Orkney.
St. Magnua
 sound, why
 so called.

In this iland hath bin sometime an abbey, or a religious
 house, called *Saint Magnus*, being on the west side of the ile,
 whereof this sound beareth name, through whyche we passed.
 Their Governoure, or chiefe lorde, is called the Lord Robert
 Steward, who at oure being there, as wee understoode, was

in durance at Edenburgh, by the Regent's commaundement of Scotlande.

After we had provided us heere of matter sufficiente for our voyage, the eyght of June we sette sayle agayne, and passing through Saint Magnus Sounde, having a merrie winde by night, came cleere, and lost sight of all the lande, and keeping our course west-north-west by the space of two dayes, the wind shifted upon us, so that we lay in traverse on y^e seas, with contrarie, making good (as neere as we could) our course to the westward, and sometime to the northward, as the winde shifted. And heereabout we met with three sayle of English fishermen from Iseland, bound homewarde, by whome we wrote our letters unto our friends in England.

Great
bodies of
trees dry-
ing in the
seas.
Moustrous
fish and
strange
fowle lyving
only by the
sea.

We traversed these seas by the space of 26 dayes, without sight of any land, and met with much drift woode and whole bodyes of trees. We saw many monsterous fishe, and strange fowle, whyche seemed to live only by the sea, being there so farre distant from anye lande. At length, God favoured us with more prosperous windes, and after we hadde sayled foure dayes with good wind in the poupe, the fourth of July the Michaell (being formost a head) shotte off a peece of ordinance, and stroke all hir sayles, supposing that they descryed land, whyche by reason of the thicke mistes, they

Water being
blacke and
smooth
signifieth
land to be
neare.

could not make perfitt: howbeit, as wel our accompt, as also the greate alteration of the water, whiche became more blacke and smooth, dyd playnely declare we were not farre off the coast. Our Generall sent his Maister aboorde the Michaell (who had bin within the yeare before) to beare in with the place, to make prooffe thereof, who descried not the lande perfect, but sawe sundrie huge ilands of ise, which we deemed to be not past twelve leagues from the shore, for about tenne of the clocke at night, being the fourth of July,

Islands of
ice.

the weather being more cleere, we made the land perfect, and knew it to be Freeseland. And the heighth being taken heere, we founde oureselves to be in the latitude of 60

The firste
syght of
Freeso-
lande.

degrees and a halfe, and were fallen with the southermost parte of this land. Betweene Orkney and Freesland are reckoned leagues.

This Freesland sheweth a ragged and high lande, having the mountaynes almost covered with snow alongst the coast full of drift ise, and seemeth almost inaccessible, and is thought to be an iland in bignesse not inferior to England, and is called of some authours Weast Freesland, I thinke, bycause it lyeth more weast than anye part of Europe. It extendeth in latitude to the northward, verie farre as seemed to us, and appeareth by a description set out by two breethren, Nicholaus and Antonius Genoa, who being driven off from Ireland with a violent tempest, made shipwracke heere, and were the first knowen Christians that discovered this lande, aboute three hundred yeares sithence; and they have in their sea cardes set out everie part thereof, and described the condition of the inhabitants, declaring them to be as civill and religious people as we.¹ And for so much of this land as we have sayled alongst, comparing their carde with y^e coast, we find it very agreeable. This coast seemeth to have good fishing, for we lying becalmed, let fall a hooke without anye bayte, and presently caught a great fish called a hollibut, which served the whole companie for a days meate, and is dangerous meate for sur-fetting. And sounding about five leagues off from the shore, our lead brought up in the tallow a kind of corall almost white, and small stones as bright as christall: and it is not to be doubted but that this land may be found very rich

Freesland described.

An easie kind of fishing.

White corall got by sounding.

¹ The brothers referred to are Niccolo and Antonio Zeno, of Venice, the former of whom, in 1380, made a voyage to the north, and was driven by a storm to the Faroe Islands, whence he dispatched a letter to his brother Antonio, urging him to find means to join him, which he did. The account was published at Venice, in 1558, by Francisco Marcolini, a descendant of the Zeno, and was compiled from the fragments of letters written by Antonio Zeno to Carlo, his brother. The Faroe Islands are the "Friseland," here referred to.

the streights upon the norther side, and standeth in the latitude of 62 degrees, 50 minutes, and is reckned from Freeseland leagues. God having blessed us wyth so happie a lande fall, we bare into the streights whyche runne in next hande weast, and somewhat to the northwarde, and came as neere the shore as we mighte for the ise, and uppon the eyghteenth day of July our Generall taking the gold fynders with him, attempted to go on shore with a small rowing pinnesse, upon the small iland where the ore was taken up, to prove whether there were anye store thereof to be found, but he could not gette in all that iland a peece so bigge as a walnutt, where the firste was founde, so that it may seeme a greate miracle of God, that being only one rich stone in all the iland, the same should be found by one of our countrymen, whereby it shoulde appeare, God's divine will and pleasure is, to have oure common wealth encreased with no lesse abundance of His hyden treasures and golde mynes than any other nation, and would that the fayth of His Gospell and holy name should be published and enlarged throughe all those corners of the earth, amongst these idolatrous infidels. But oure men whiche sought the other ilandes thereaboutes, found them all to have good store of the ore, whereuppon our Generall with these good tidings retourned aboarde aboute ten of the clocke at night, and was joyfully welcomed of the companie with a volie of shotte. He brought egges, fowle, and a yong seale aboard, which the companie hadde killed ashore, and having founde upon those ilandes ginnes set to catch fowle, and stickes new cut, with other things, he well perceived that not long before some of the countrey people had resorted thither. Having therefore found these tokens of the peoples accesse in those partes, and being in his firste voyage well acquainted with their subtile and cruell disposition, he provided well for his better safetie, and on Friday the ninteenth of July in the morning early, with his best company of gentlemen and

No more
gold ore
found in
the fyrst
iland.

Egges and
fowles of
Meta In-
cognita
Snares set
to catch
birds
withall.

souldiours to the number of fortie persons, went on shoare aswell to discover the inlande and habitation of the people, as also to fynd out some fitte harborowe for our shippes. And passing towards the shoare with no small difficultie, by reason of the abundance of ise whiche lay alongest the coaste so thicke together, that hardely any passage throughe them might be discerned, we arrived at length upon the maine of Halles greater iland, and founde there also, aswel as in the other small ilands, good store of the ore. And leaving his boats here with sufficient garde passed up into the countrey about two English miles, and recovered the top of a high hill, on the top whereof our men made a colunne or crosse of stones heaped uppe of a good height together in good sorte, and solemnly sounded a trumpet, and said certaine prayers, kneeling aboute the ancient, and honoured the place by the name of Mount Warwicke, in remembrance of the Right Honorable the Lord Ambrose Dudley, Erle of Warwick, whose noble minde and good countenance in this, as in all other good actions, gave great encouragement and good furtherance. This done, we retired our companies, not seeing any thing here worth further discoverie, the countrey seeming barren and full of ragged mountaines, in most parts covered with snow. And thus marching towards our boats, we espied certaine of the countrey people on the top of Mount Warwicke with a flag, wafting us backe againe, and making great noise, with cries like the mowing of bulls, seeming greatly desirous of conference with us: wheruppon the General, being therewith better acquainted, answered them again with the like cries, whereat, and with the noise of our trumpets, they seemed greatly to rejoyce, skipping, laughing, and dancing for joy. And hereuppon we made signes unto them, holding up two fingers, commanding two of our men to go aparte from our companies, wherby they might doe the like. So that forthwith two of oure menne and two of theirs mette together a good space from companie,

The building of a colunne, called Mount Warwicke.

The first sight of the countrey people wafting with a flag.

The meet-
ing apart of
two Eng-
lishmen
with two of
that coun-
trie.

The order
of their
traffice.

Another
meeting of
two of our
men with
two of
theirs.

neither partie having their weapons about them. Our men gave them pinnes and pointes, and such trifles as they had. And they likewise bestowed on our men two bowe cases, and such things as they had. They earnestly desired oure men to go uppe into their countrie, and our men offered them like kindnesse aboorde oure shippes, but neyther parte (as it seemed) admitted or trusted the others curtesie. Their manner of traffice is thus: they doe use to laye down of their marchandise uppon the ground, so much as they meane to parte withall, and so looking that the other partie, with whome they make trade, shoulde doe the like, they themselves doe departe, and then, if they doe like of their marte, they come againe, and take in exchange the others marchandise, otherwise, if they like not, they take their owne and departe. The day being thus well neare spent, in haste we retired our companies into our boates againe, minding forthwith to searche alongst the coast for some harborowe, fitte for our shippes; for the present necessitie thereof was much, considering that all this while they lay off and on between the two lands, being continually subject, as well to great danger of fleeting yse, which environed them, as to the sodain flawes which the coast seemeth much subject unto. But when the people perceived our departure, with great tokens of affection they earnestly called us backe againe, following us almost to our boates: whereuppon our generall taking his maister with him, who was beste acquainted with their maner, went apart unto two of them, meaning, if they could lay sure holde upon them, forcibly to bryng them aboard, with intent to bestowe certain toyes and apparell upon the one, and so to dismisse him with all arguments of curtesie, and retaine the other for an interpreter. The generall and his maister being met with their two companions together, after they hadde exchanged certaine thinges the one with the other, one of the salvages for lacke of better marchandise, cutte off the taylor of his coate (which is a chiefe ornament

among them) and gave it unto our general for a present. But he presently upon a watchword given, with his maister sodainely laid holde upon the two salvages. But the grounde underfeete being slipperie, with the snow on the side of the hill, thire handfast fayled, and their pray escaping, ranne away, and lightlye recovered their bowe and arrowes, which they had hid not farre from them behinde the rockes. And being only two salvages in sight, they so fiercely, desperately, and with such furie assaulted and pursued our generall and his maister, being altogether unarmed, and not mistrusting their subtilities, that they chased them to their boats, and hurte the generall in the buttocke with an arrow, who the rather speedily fled backe, bycause they suspected a greater number behind y^e rocks. Our soldiers (which wer commanded before to keepe their boates) perceiving the danger, and hearing our men calling for shot, came speedily to rescue, thinking there had bin a more number. But when y^e salvages heard y^e shot of one of our calivers, and yet (having first bestowed their arrows) they ran away, our men speedily folowing them. But a servante of my Lorde of Warwikes, called Nicholas Conyer, a good footeman, and uncumbred with anye furniture, besides a dagger at his backe, overtooke one of them, and being a Cornishman, and a good wrastler, shewed his companion such a Cornishe tricke, that he made his sides ake against the grounde for a moneth after. And so being stayed, he was taken alive, and brought away, but the other escaped. Thus with their straunge and newe praye, our men repaired to their boates, and passed from the maine to a small iland of a myle compasse, where they resolved to tarrie all night, for even now a sodaine storme was grown so great at sea, that by no means they coulde recover their ships. And here every man refreshed himselfe with a small portion of victualles, whiche was laide into the boates for their dinners, having neither eate nor drunke all the daye before. But bycause

The Englishmen
chased to
their boats.

One of that
countrimen
taken.

they knewe not howe long the storme might laste, nor how far off the ships might be put to sea, nor whether they should ever recover them againe or not, they made great spare of their victualles, as it greatly behoved them. For they knew full wel, that the beste cheare the countrey coulde yeelde them, was golden rockes and stones, a harde foode to live withall, and the people more readie to eate them, than to give them wherewithall to eate. And thus keeping verie good watche and warde, they lay there al night upon harde cliffes of snowe and ise, both wette, cold, and comfortlesse.

These things thus hapning with the company on lande, the danger of the shippes at sea was no lesse perilous. For within one houre after the generalls departing in y^e morning, by negligence of the cooke in over heating, and the workman in making the chimney, the Aide was set on fire, and had bin the confusion of the whole, if by chauce a boye espying it, it hadde not bin speedily with great labour and Gods helpe well extinguished.

The Aide
set on fire.

This day also, were diverse stormes and flawes, and by nine of the clocke at night the storme was growen so great, and continued suche untill the morning, that it putte our shippes at sea in no small peril, for having mountaines of fleeting ise on every side, we went romer for one, and loofed for another, some scraped us, and some happily escaped us, that the least of all of them were as dangerous to strike as any rocke, and able to have split asunder the strongest shippe of the worlde. Wee had a scope of cleare withoute ise (as God would). wherein we turned, beyng otherwise compassed on everye side about, but so much was the winde, as so little was our sea room, that being able to beare only our fore-coast, we cast so oft about, that we made fourteene bordes in eight glasses running, being but foure houres: but God being our best steresman, and by y^e industry of Charles Jackman and Andrew Dyer, then maisters mates, both very expert mariners, and Richard Cox, the maister gunner, with

The great
danger of
those rocks
of ise.

other very carefull saylors, then within borde, and also by the helpe of y^e cleare nights which are without darknesse, we did happily avoyde those present daungers, whereat since we have more marvelled than in the present daunger feared, for that every man within borde, both better and worse, had ynough to doe, with his handes to hale ropes, and with his eyes to looke out for daunger. But the nexte morning, being the 20 of July, as God would, the storme ceased, and the general espying the shippes with his newe captive and whole companie, came happilye aborde and reported what hadde passed a shoare, whereupon, altogether upon our knees, gave God humble and hartie thankes, for that it hadde pleased him, from so speedy peril to send us such speedie deliverance, and so from this norther shoare we stroke over towards the southerland.

Night without darknes in that country.

The one and twentieth of July, we discovered a bay, which ranne into the lande, that seemed a likely harborow for our shippes, wherefore our general rowed thither with hys boates, to make prooffe thereof, and with his goldfinders to searche for ore, having never assayed anye thing on the south shoare as yet, and the first small iland whiche we landed on, here all the sands and cliftes did so glister and had so bright a marquesite, that it seemed all to be golde, but upon tryal made, it proved no better than blacke leade and verified the proverb—All is not golde that shineth.

Our firste comyng on the southerland of the sayde Straighes.

A myne of blacklead.

Upon the two and twentieth of July, we bare into the sayd sounde, and came to anker a reasonable bredth off the shoare, where, thynking our selves in good securitie, we were greatly endangered with a peece of drift ise, which the ebbe brought forth of the soundes, and came thwart us ere we were aware. But the gentlemen and souldiers within borde, taking great paynes at this pinche at the capstone, overcame the most daunger thereof, and yet for all that might be done, it stroke on our sterne such a blowe, that we feared least it had stryken away our rudder, and being forced

to cut our cable in the hawse, were fayne to set our foresaile to runne further up within, and if our sterage had not bin stronger, than in the present time, we feared we had runne the shippe upon the rocks, having a very narrowe channell to turne in; but, as God woulde, al came well to passe. And this was named Jackmans Sounde, after the name of the maisters mate, who had first liking unto the place.

Upon a small ilande, within this sound, called Smiths Iland (bycause he first set up his forge there), was founde a myne of silver, but was not wonne out of the rockes without great labour. Here our goldfynders made saye of suche ore as they founde uppon the Northerlande, and founde foure sortes thereof to holde golde in good quantitie. Upon another small iland here was also founde a great deade fishe, whiche, as it should seeme, had bin embayde with ise, and was in proportion rounde like to a porpose, being about twelve foote long, and in bignesse answerable, havng a horne of two yardes long growing out of the snoute or nostrils. This horne is wreathed and strayte, like in fashion to a taper made of waxe, and maye truely be thoughte to be the sea Unicorne. This horne is to be seene and reserved as a jewel, by the Queens majesties commandement in hir wardrop of robes. The form whereof is here set down.

Tewsdays, the three and twentyth of July, our general with his best company of gentlemen, souldiers and saylers, to the number of seaventie persons in all, marched with aunciente displayde uppon the continent of the Southerlande (the supposed continent of America), where, commandyng a trumpet to sounde a call for every man to repayre to the auncient, he declared to the whole company, how much the cause imported, for the service of hir majestie, our countrey, our credites, and the safetie of our own lives, and therefore required every man to be conformable to order and to be directed by those he shoulde assigne. And appointed for leaders, Captaine Fenton, Captain Yorke, and his lieutenant,

George Beste; whiche done, we cast our selves into a ring, and altogether uppon oure knees, gave God humble thankes, for that it had pleased him of his greate goodnesse in preserving us from such imminent dangers, to bestow so great and hidden treasures upon us his poore and unworthye servants, beseeching likewise the assistance of his holy spirite so to deliver us in saftie, into our countrey, whereby the light and truth of these secretes being known, it might rebound to the more honor of his holy name, and consequently to the advancement of our common wealth. And so, in as good sorte as the place suffered, we marched towards the tops of the mountains, which were no lesse painful in clyming, than dangerous in descending, by reason of their steepe-nesse and ise. And having passed about five miles by such unweldie wayes, we returned unto oure ships, without sighte of any people, or likelyhoode of habitation. Here diverse of the gentlemen desired oure general to suffer them to the number of twentie or thirtie persons, to marche up thirtie or forty leagues in the countrie, to the ende they mighte discover the inlande, and do some acceptable service for their countrey. But he not contented with the matter he sought for, and well considering the short time he had in hande, and the greedie desire our countrey hath to a present savour and retourne of gayne, bent his whole indeavour onely to finde a mine, to fraight his ships, and to leave the reste (by God's help) hereafter to be well accomplished. And therefore the twentie sixte of Julye he departed over to the Northlande with the two barkes, leaving the *Ayde* riding in Jackmans Sound, and ment (after he had founde convenient harborowe, and fraight there for his shippes) to discover further for the passage. The barkes came the same night to anker in a sound, upon the Northerland, where the tydes did runne so swifte, and the place so subject to indraftes of ise, that by reason thereof they were greatly endangered, and having founde a very rich myne, and got almoste twentie tunne of

ore together, upon the 28 of July, the ise come driving into the Sounde where the barkes road, in such sort, that they were therewith greatly distressed. And the *Gabriell* riding aterne the *Michaell*, had hir cable gaulde asunder in the hawse, with a peece of driving ise, and lost another anker, and having but one cable and ancker lefte; for she has loste two before, and the ise still driving uppon hir, she was (by Gods helpe) wel fenced from the daunger of the rest, by one great iland of ise which came a gronde harde a heade of hir, which, if it had not so chaunced, I think, surely she had bin cast upon the rockes with the ise. The *Michael* mored ancker upon this great ise, and roade under the lee therof: but about midnight, by the weyght of it selfe, and the setting of the tydes, the ise brake within halfe the barke's length, and made unto the companie within bord, a sodaine and fearefull noyse. The next flounde towarde the morning we weyed ancker and went further uppe the straightes, and leaving our ore behinde us which we had digged, for hast, left the place by the name of Beares Sound, after the masters name of the *Michael*, and named the iland Lecesters Iland. In one of the small ilands here, we founde a tombe, wherin the bones of a dead man lay together, and our savage being with us and demanded (by signes) whether his countrey men had not slain this man and eat his flesh so from the bones, he made signes to the contrarie, and that he was slain with wolves and wilde beastes. Here also was founde hid under stones good stoare of fish, and sundrie other things of the inhabitants: as sleddes, bridles, kettels of fishe skinnes, knives of bone, and such other like. And our savage declared unto us the use of all those things. And taking in his hand one of those countrey brydels, he caughte one of our dogges, and hampred him handsomely therein, as we do our horses, and with a whip in his hande, he taught the dogge to drawe in a sledde, as we doe horses in a coatche, setting himselfe thereuppon like a guide: so that we might

Bears
Sound.

Leicester
Iland.

A tombe
with a dead
mans bones
in it, found
at degrees
in latitude.

Bridles,
knlves, and
other in-
struments
found hid
among the
rockes.

see, they use dogges for that purpose, as we doe our horses. And we founde since by experience, that the lesser sorte of dogges they feede fat, and keepe them as domesticall cattel in their tentes, for their eating, and the greater sort serve for the use of drawing theyr sleds.]

They use
great
dogges to
draw sleds
and little
dogs for
their meate.

The twentieth of July, about five leagues from Beare's Sound, we discovered a bay, which being fenced on eche side with small ilandes, lying of the mayne, whych break the force of the tydes, and make the place free from any indraftes of yse, did prove a very fitte harborow for our ships, where we came to anker under a small iland, whiche now together with the sound, is called by the name of that right honorable and vertuous lady, Anne, Countesse of Warwicke. And this is the furthest place that this yeare we have entred uppe within the streyghtes, and is reconed from the cape of the Queen's forelande, which is the entrance of the streights, not above 30 leagues. Upon this ilande was found good store of the ore, which in the washing helde golde plainly to be seen: whereupon it was thoughte beste rather to loade here, where there was store and indifferent good, than to seek further for better, and spend time with jeopardie. And thereforeoure generall setting the myners to worke, and shewing fyrste a good president of a painefull labourer and a good captaine in himselfe, gave good examples for others to follow him: whereuppon every man, both better and worse, with their best endeavors, willingly laide to their helping handes. And the nexte daye, being the 30 of July, the *Michaell* was sente over to Jackmans Sounde for the *Ayde* and whole companie to come thither. Upon the maine lande over against the Countesse's Iland, we discovered and behelde to our great marvell, the poor caves and houses of those countrie people which serve them (as it shoulde seem) for their winter dwellings, and are made two fadome under grounde, in compasse rounde, like to an oven, being joyned fast one by another, having holes like to a fox or conny

The
Countesses
Iland.

Thirtie
leagues dis-
covered
within the
Straytes.

A good
president
of a good
captayne
shewed by
Captain
Frobisher.

The maner
of their
houses in
this coun-
trety.

berrie, to keepe and come together. They under-trench these places with gutters, so that the water falling from the hills above them, may slide away without their anoiance, and are seated commonly in the foote of a hil, to shielde them better from the colde winds, having their dore and entrance ever open towards the south.

Whales bones used instead of timber.

From the ground upward they builde with whales bones, for lacke of timber, whiche, bending one over another, are handsomely compacted in the toppe together, and are covered over with seales' skinnes, whiche instead of tiles, fenceth them from the rayne. In eache house they have only one roome, having the one halfe of the floure raysed with broad stones a foote higher than y^e other, whereon strawing mosse, they make their nests to sleepe in. They defile these dennes most filthy with their beastly feeding, and dwell so long in a place (as we thinke), untill their owne sluttishnesse lothyng them, they are forced to seeke a sweeter ayre and a new seate, and are (no doubt) a dispersed and wandering nation, as the Tartarians, and live in hords and troupes, withoute anye certayn abode, as may appeare by sundry circumstances of our experiance. Here our captive being ashore with us, to declare y^e use of such things as we saw, staid himselfe alone behind the company, and did set up five small stickes round in a circle, one by another, with one smal bone placed just in y^e middst of all: which thing when one of our men perceived, he called us backe to behold y^e matter, thinking that he had meant some charme or witchcraft therin. But y^e best conjecture we could make thereof, was, that he would thereby his countrey men should understand y^t for our five men which they betrayed the last yeare (whom he signified by y^e five sticks) he was taken and kept prisoner, which he signified by y^e bone in y^e midst. For afterwarde, when we shewed him the picture of his countreyman, which y^e last yeare was brought into England (whose counterfet we had drawne, with boate, and other fur-

The sluttishnesse of these people.

A signe set up by the savage captive, and the meaning thereof.

nitire, both as he was in his own, and also in English aparell) he was upon the suddayne muche amazed therat, and beholding advisedly the same with silence a good while, as though he would streyne courtesie whether shoulde begin y^e speech (for he thoughte him no doubtte a lively creature) at length, began to question with him, as with his companion, and finding him dumme and mute, seemed to suspect him, as one disdaynful, and would with a little help have growen into choller at the matter, until at last by feeling and handling, he founde him but a deceiving picture. And then with great noyse and cryes, ceased not wondering, thinking that we coulde make menne live or die at our pleasure.

The savage captive amazed at his countreyman's picture.

And thereuppon calling the matter to hys remembrance, he gave us plainely to understande by signes, that he had knowledge of the taking of our five men the last yeare, and confessing the manner of eche thing, numbred the five men upon his five fingers, and poynted unto a boate in our ship, which was like unto that wherein our men were betrayed. And when we made him signes that they were slaine and eaten, he earnestly denied, and made signes to the contrarie.

The last of July, the *Michael* retourned with the *Ayde* to us from the Southerlande, and came to anker by us in the Countesse of Warwicks Sounde, and reported that since we departed from Jackmans Sound, there happened nothing among them there greatly worth the remembraunce, until the thirtieth day of July, when certaine of our companie being ashore upon a small iland within the said Jackmans Sound, neare the place where the *Ayde* roade, didde espie a long boate with divers of the countrie people therein, to the number of eighteene or twentie persons, whom so soone as oure men perceived, they retourned speedily aboarde, to give notice therof unto our companie. They might perceive these people climbing up the toppe of a hill, where, with a flagge, they wafted unto our shippe, and made great out-

Another shew of twentie persons of that countrie in one boate.

cries and noises, like so many bulls. Here upon our men did presently man forth a small skiff, having not above sixe or seaven persons therein whiche rowed neare the place where those people were, to prove if they could have any conference with them. But after this small boate was sente a greater, beeyng well appoynted for their rescue, if neede required.

As soone as they espied our companie comming neare them, they tooke their boates and hasted away, either for feare, either else for pollicie, to drawe our men from rescue further within their danger: wherefore our men construing their comming thither was but to seeke advauntage, followed speedily after them, but they rowed so swiftly away that our men could come nothing neare them. Howbeit they failed not of their beste endeavour in rowing, and having chased them above two myles into the sea, returned into their shippes againe.

The morning following, being the first of August, Capitaine Yorke, with the *Michaell*, came into Jackman's Sound, and declared unto the company there, that the laste night's past, he came to anker in a certaine baye (which sithens was named *Yorke Sounde*), aboute foure leagues distant from Jackmans Sound, being putte to lewarde of that place for lacke of winde, where he discovered certaine tents of the countrie people, where going with his companie ashoare, he entred into them, but founde the people departed, as it shoulde seem, for feare of their comming. But amongst sundrie straunge things whiche in these tentes they founde there was rawe and newe killed fleshe of unknown sortes, with dead carcasses and bones of dogs, and I know not what. They also beheld (to their greatest marvaile) a dublet of canvas, made after the Englishe fashion, a shirt, a girdle, three shoes for contrarie feete and of unequal bignesse, which they well conjectured to be the apparell of our five poore councitriemen whiche were intercepted the laste

Yorke
Soundes.

The app-
parell
founde
againe of
oure Eng-
lishmen
whiche the
yeare before
were taken
captive.

yeare by these countrie people, aboute fitye leagues from this place further within the straightes. Wherupon, our men being in good hope that some of them might be here, and yet living, the captaine devising for the best, lefte his mind behind him in writing with pen, yncke, and paper also, whereby our poore captive councitriemen, if it mighte come to their handes, mighte knowe their friendes mindes, and of their arrivall, and likewise retourne their answer. And so without taking any thing away in their tentes, leaving there also looking glasses, pointes, and other of our toyes (the better to allure them by such friendly means) departed aboorde hys barke, wyth intent to make haste to the *Ayde*, to give notice unto the companye of all such things as he had there discovered: and so ment to returne to these tents againe, hoping, that he might by force or policie entrappe or entice the people to some friendly conference. Which things, when he had delivered to the company there, they determined forthwith to goe in hande with the matter. Hereuppon Caytaine Yorke, with the maister of the *Ayde* and his mate (who, the night before, had bin at the tentes, and came over from the other side in the *Michaell* with him) being accompanied with divers of the gentlemen and souldiers, to the number of 30 or 40 persons, in two small rowing pinnesses, made towardes the place where the night before they discovered the tentes of those people, and, setting Charls Jackman, being the master mate, ashore with a convenient number over lande, mening to compasse them on the one side, whilst the captaine with his boats might entrap them on the other side. But landing at last at y^e place where the night before they left them, they found them with their tentes removed. Notwithstanding, our men which marched up into y^e countrie, passing over two or three tedious mountains, by chance espied certaine tentes in a valley underneath them neare unto a creeke by the sea side, whiche, bycause it was not the place where the guide had

A good device of Captaine Yorke.

The savages
have boats
of sundry
bignesse.

The Eng-
lishmen
pursue
those peo-
ple of that
countrey.

The swift
rowing of
those peo-
ple.

The Bloody
Point.

Yorkes
Sound.

A hot skir-
mish be-
tween the
English and
them of that
countrey.

The despe-
rate nature
of those
people.

bin the night before, they judged them to be another company, and besetting them about, determined to take them if they could. But they having quickly descried our companie, launched one great and another small boate, being about 16 or 18 persons, and very narrowly escaping, put themselves to sea. Whereupon our souldiers discharged their calivers and followed them, thinking the noise therof being hearde to our boats at sea, our men there woulde make what speede they might to that place. And therupon, indeede, our men whiche were in the boats (crossing uppon them in the mouth of the sounde, whereby their passage was let from getting sea roome, wherein it had bin impossible for us to overtake them by rowing) forced them to put themselves ashore upon a point of lande within the said sound (which upon the occasion of the slaughter there was since named the Bloudie Point) whereunto our men so speedily followed, that they hadde little leysure lefte them to make any escape. But so soone as they landed, eche of them brake his oare, thinking by that meanes to prevent us in carying awaye their boates for want of oares. And desperately retorning upon our men, resisted them manfullye in their landing, so long as theyr arrows and dartes lasted; and, after gathering up those arrows which our men shot at them, yea, and plucking our arrowes out of their bodies, encountred afresh againe, and maintained their cause, until both weapons and life utterly failed them. And when they founde they were mortally wounded, being ignorant what mercy meaneth, with deadly furie they cast themselves headlong from off the rocks into the sea, least perhaps their enemies shoulde receive glory or praye of their dead carcasses; for they supposed us be like to be canibales, or eaters of mans flesh. In this conflict one of our men was dangerouslie hurt in the bellie with one of their arrowes, and of them were slayne five or sixe. The rest by flight escaped among the rockes, saving two women, whereof the one being old and ougly, our men

thought she had bin a divell or some witch, and therefore let her go: the other being yong, and combred with a sucking childe at hir backe, hiding herselfe behinde the rocks, was espied by one of oure men, who, supposing she had bin a man, shot through the heare of hir head, and pierced through the child's arme, whereupon she cried out, and was taken, and our surgeon, meaning to heale hir child's arme, applyed salves therunto. But, she not acquainted with such kinde of surgerie, plucked those salves away, and, by continuall licking with hir own tongue, not much unlike our dogges, healed uppe the child's arme. And bycause the daye was well neare spent, oure menne made haste unto the reste of oure companie, which on the other side of the water remained at the tents, where they founde by the apparell, letter, and other English furniture, that they were the same companie whiche Captaine Yorke discovered the night before, having removed themselves from the place where he left them. And now considering their sodaine flying from our men, and their desperate manner of fighting, we beganne to suspect that we hadde already heard the laste newes of our men, whiche the laste yeare were betrayed of these people. And considering, also, their ravenesse and bloody disposition in eating anye kinde of rawe flesh or carrion, howsoever stinking, it is to be thoughte that they had slaine and devoured oure men. For the doublet whiche was founde in their tentes had many therein, being made with their arrowes and darts.

The taking
of the wo-
man and
hir child.

A prettie
kinde of sur-
gerie which
Nature
teacheth.

But nowe the night beinge at hande, our men with their captivés and suche poore stuffe as they found in their tentes, returned towards their shippes; when being at sea there arose a sodaine flawe of winde, which was not a little dangerous for their small boates. But, as God would, they came all safely aboorde. And with these good newes they returned (as before mentioned) into the Countesse of Warwicks Sound, unto us, and betweene Jackmans Sound,

The narrowest place of the straightes is 9 leagues over.

The Queenes Cape.

The manner of the meeting of ye two captives and their entertainment.

from whence they came, and the Countesse of Warwicks Sound, betweene land and land, beinge thoughte the narrowest place of the straightes were judged nine leagues over at leaste: and Jackmans Sounde being upon the Southerlande, lyeth directlye almoste over againste the Countesses Sound, as is reckned, scarce thirty leagues within the straightes from the Queenes Cape, whiche is the entrance of the Straightes of Southerland, being the supposed continent of America. This Cape being named Queene Elizabeths Cape, standeth in the latitude of degrees and a halfe to the northwardes of Newefound lande, and upon the same continent, for any thing that is yet knowen to the contrarie.

Having now got a woman captive for the comfort of our man, we brought them both together, and every man with silence desired to beholde the manner of their meeting and entertainment, the whiche was more worth the beholding than can be well expressed by writing. At theyr first encountering, they behelde eache the other very wistly a good space, withoute speeche or worde uttered, with greate change of coloure and countenance, as though it seemed the greefe and disdeyne of their captivitie had taken away the use of their tongues and utterance: the woman at the first verie suddaynely, as though she disdeyned or regarded not the man, turned away and beganne to sing, as though she minded another matter: but being agayne broughte together, the man brake up the silence first, and with sterne and stayed countenance beganne to tell a long solemne tale to the woman, whereunto she gave good hearing, and interrupted him nothing till he had finished, and, afterwards being growen into more familiar acquaintance by speech, were turned together, so that (I think) the one would hardly have lived without the comfort of the other. And, for so muche as we could perceive, albeit they lived continually together, yet did they never use as man and wife, though

the woman spared not to do all necessarie things that apperteyned to a good huswife indifferently for them both, as in making cleane their cabin, and every other thing that apperteyned to his ease: for when hee was seasicke, shee would make him cleane, she would kill and flea y^e dogges for their eating and dresse his meate. Only I thinke it worth the noting the continencie of them both; for the man would never shifte himselfe, except he had firste caused the woman to depart out of his cabin, and they both were most shamefast least anye of their privie parts should be discovered, eyther of themselves or any other body.

The shamefastnesse and chastitie of those savage captives.

On Monday, the sixth of August, the lieutenant, wyth all the souldyers, for the better garde of the myners, and the other things a shoare, pitched their tents in the Countesses Ilande, and fortified the place for their better defence as well as they could, and were to the number of forty persons: when being all at labour they might perceyve uppon the toppe of a hill over against them a number of the countrey people wafting with a flagge and making great outcries unto them, and were of the same companie whiche had encountred lately our men upon the same shoare, being come to compleyne their late losses and to entreate (as it seemed) for restitution of the woman and chylde, whyche our men in the late conflict had taken and brought away: whereuppon the generall taking the savage captive with him, and setting the woman where they mighte best perceyve hir, in the highest place of the ilande, wente over so talk with them. Thys captive at the fyrste encountrie of hys friends, fell so out into teares, that he could not speake a worde in a greate space; but, after a while, overcoming his kyndnesse, hee talked at full wyth hys companyons, and bestowed friendly uppon them suche toyes and trifles as we had gyven him, whereby we noted that they are verie kynde one to the other, and greatly sorrowfull for the loss of their friendes. Oure generall by signes requyred his five men whyche they

Another appearance of that countrey people.

took captive the last yeare, and promised them not only to release those whyche hee hadde taken, but also to reward them wyth greate giftes and friendship. Our savage made signes in answeere from them, that oure men shoulde be deliuvred us, and were yet living, and made signes lykewise unto us, that wee shoulde write oure letters unto them; for they knewe very well the use we have of writing, and receyved knowledge thereof, eyther of oure poore captive countreyemen whyche they betrayed, or else by thys oure newe captive who hathe seene us dayly write and repeate agayne such wordes of hys language as we desired to learne: but they, for thys nyght, bycause it was late, departed without any letter, although they called earnestlie in haste for the same. And the nexte mornyng earelie, beeyng the seaventh of August, they called agayne for the letter, whyche beeyng deliuvred unto them, they speedily departed, making signes wyth three fingers, and poyntyng to the sunne, that they meante to returne wythin three dayes, untill whyche tyme we hearde no more of them: and, aboute the tyme appoynted, they returned in suche sorte as you shall afterwarde heare.

These people know the use of writing.

A letter sent to the five English captives.

Thys nyghte, bycause the people were very neere unto us, the lieutenant caused the trumpet to sounde a call, and everie man in the ilande repaying to the auntiente, he putte them in mynde of the place so farre from theyr countrey wherein they lived, and the danger of a multitude whyche they were subject unto, if good watche and warde were not kepte; for at everie lowe water the enimie myghte come almost dryfoote from the mayne unto us, wherefore hee wylled everye man to prepare hym in good readynesse uppon all soddayne occasions, and so giving the watch their charge, the company departed to rest.

I thought the captaynes letter well worth the remembring, not for the circumstance of curious enditing, but for the substance and good meaning therein contayned, and there-

fore have repeated heere the same, as by himselfe it was hastilie written.

THE FORME OF MARTIN FROBISHERS LETTER TO THE
ENGLISHE CAPTIVES.

In the name of God, in whom we al beleve, who, I trust, hath preserved your bodyes and souls amongst these infidels, I commend me unto you. I will be glad to seeke by all meanes you can devise, for your deliverance, eyther with force or with any commodities within my shippes, which I will not spare for your sakes, or anything else I can do for you. I have aboard of theyrs a man, a woman, and a childe, which I am contented to deliver for you; but the man I carried away from hence the laste yeare, is dead in England. Moreover, you may declare unto them, that if they deliver you not, I wyll not leave a manne alive in their cuntry. And thus unto God, whome I trust you do serve, in haste I leave you, and to him we will dayly pray for you. This Tuesdaye morning, the seaventh of August, anno 1577.

Yours to the uttermost of my power,

MARTIN FROBISHER.

I have sent you by these bearers, penne, incke, and paper, Postscript.
to write backe unto me agayne, if personally you can not come to certifie me of your estate.

Now, had the generall altered his determination for going any further into the straights at this time, for any further discoverie of the passage, having taken a man and a woman of that cuntry, whiche he thought sufficiente for the use of language; and having also mette wyth these people heere, which intercepted his men the last yeare (as the apparell and Englishe furniture whiche was found in their tentes very well declared), he knewe it was but labour lost to seeke them further off, when he had found them there at hand. And considering, also, the shorte time he had in hande, he

The cause why Frobisher entered no further within ye straights this yeare.

thoughte it best to bend his whole endeavour for the getting of myne, and to leave the passage further to be discovered hereafter. For his commission directed hym in this voyage only for the searching of the gold ore, and to deferre the further discoverie of the passage untill another tyme.

Bestes
Bulwarke.

On Thursday, the ninth of August, we beganne to make a small fort for our defence in the Countesse Iland, and entrenched a corner of a cliffe, which on thre parts like a wall of good heygth was compassed and well fenced with the sea, and we finished the rest with caskes of earth to good purpose, and this was called Bestes Bulwarke, after the lieutenants name, who first devised the same. This was done for that we suspected more least the desperate men might oppresse us with multitude than any feare we had of their force, weapons, or policie of battell, but as wisdom would us in such place (so far from home), not to be of our selves altogether carelesse: so the signes whiche oure captive made unto us of the comming downe of his governoure or prince, which he called Catchoe, gave us occasion to foresee what might ensue thereof; for he shewed by signes, that this Catchoe was a man of higher stature far than any of our nation is, and he is accustomed to be carried upon mens shoulders.

Their king
called
Catchoe.

How he is
honoured.

Aboute midnichte the lieutenant caused a false alarme to be given in the iland, to prove as well the readynesse of the companie there a shoare, as also what help might be hoped for upon the suddayne from the shyppes if neede so required, and every part was found in good readynesse upon such a suddayne.

Saturday, the eleventh of August, the people shewed themselves agayne, and called unto us from the side of a hil over against us. The generall (with good hope to heare of hys men, and to have aunswer of his letter), wente over unto them, where they presented themselves, not above three in sight, but were hidden in deede in greater numbers

behynde the rockes, and makyng signes of delay with us to entrappe some of us to redeeme theyr owne, did onely seek advantage to trayne our boate aboute a poynte of lande from sight of our companie: whereupon, our menne justly suspecting them, kepte aloofe without their danger, and yette sette one of our companie a shore, whyche tooke up a greate blather whiche one of them offered us, and leavinge a looking glass in the place, came into the boate agayne. In the meane while, our men whyche stooode in the Countesses Iland to behold, who might better discerne them, than those in the boate, for that they saw divers of the savages creeping behynde the rocks towards our men: whereuppon the generall presently returned without tidings of his men.

A blather
changed for
a looking
glass.

No news of
the English
captives.

Concerning this blather which we receyved, our captive made signes that it was given him to keepe water and drinke in; but we suspected rather it was gyven hym to swimme and shifte away withall; for he and the woman sought divers times to escape, having loosed our boates from a sterne our shippes, and wee never a boate left to pursue them withall, and had prevayled verie farre, had they not bin verie timelie espyed, and prevented therein.

To what
end the
blather was
delivered.

After our generalls comming away from them, they mustered themselves in our sight uppon the toppe of a hill, to the number of twentie in a rancke, all holdyng handes over theyr heads, and dauncing, with greate noyse and songs together, wee supposed they made thys daunce and shew for us to understand, that we might take vew of theyr whole companyes and force, meaninge belike, that we should doe the same. And thus they continued uppon the hyll toppes untill nighte, when hearinge a peece of oure greate ordinance, whiche thundered in the hollownesse of the hygh hylles, made unto them so fearefull a noyse, that they hadde no greate wyll to tarrie long after. And this was done, more to make them knowe oure force, than to do them anye hurte at all.

Those
people
dauncing
uppon the
hill toppes.

On Sunday, the twelfth of August, Captayne Fenton trayned the companie, and made the souldyoures maineyne skyrmishe among themselves, as well for theyr exercise, as for the countrey people to beholde in what readynesse our menne were alwayes to bee founde; for it was to bee thoughte that they lay hydde in the hylles thereabout, and observed all the manner of our proceedings.

A skirmish showed to those people.

On Wensday, the foureteenth of August, our generall, wyth two small boates, well appoynted; for that he suspected the countrey people to lye lurking thereabout, wente up a certayne bay wythin the Countesses Sound, to search for ore, and mette agayne wyth the countrey people, who so soone as they saw our men, made greate outcryes, and with a white flagge made of blathers, sowed togyther wyth the guttes and sinewes of beastes, wafted us amayne unto them, but shewed not above three of theyr companie. But when wee came neere them, wee myght perceyve a greate multitude creeping behynde the rocks, whyche gave us good cause to suspecte theyr trayterous meaning: whereuppon we made them signes, that if they would lay their weapons aside, and come forth, we woulde deale friendly with them, although theyr intente was manifested unto us: but, for all the signes of friendship we coulde make them, they came still creeping towards us behinde the rockes to get more advantage of us, as though we had no eyes to see them, thinking belike, that our single wittes could not discover so bare devise and simple drifts of theyrs. Theyr spokesman earnestly persuaded us, with many enticing notices, to come, eat, and sleepe ashore, with great arguments of courtesie, and clapping his bare handes over his head in token of peace and innocencie, willed us to do the like. But, the better to allure our hungry stomachs, he brought us a trimme bayte of raw flesh, which, for fashion sake, with a boathooke, we caught into our boate: but when the cunning cater perceived his first cold morsell could nothing sharpen our stomachs,

Their flags made of blathers.

he cast about for a new trayne of warme fleshe to procure our appetites, wherefore he caused one of hys fellowes in halting manner, to come forth as a lame man from behind the rockes, and the better to declare his kindnesse in carving, he hoysed him uppon his shoulders, and bringing him hard to the water side where we were, lefte him there lymping, as an easie pray to be taken of us. His hope was, that we would bite at this bayte, and spedily leape ashore within their danger, whereby they might have apprehended some of us, to ransome their friendes home againe, which before we had taken: but, I doubt, our flesh is so sweete meate for them, that they will hardly part from so good morsels, if we come once nere their handling. The gentlemen and souldiers had great will to encounter them ashore, but the generall more carefull by processe of time to winne them, than wilfullie at the first to spoyle them, would in no wise admitte that any man shoulde put himselfe in hazarde ashore, considering the matter he now entended was for the ore and not for the conquest: notwithstanding, to prove this criples footemanshippe, he gave liberty for one to shoote: where-uppon, the criples having a parting blowe, lightly recovered a rocke, and went away a true and no fained criples, and hath learned his lesson for ever halting afore suche criples againe. But his fellows whiche lay hid before, full quickly there appeared in their likenesse, and maintained the skirmishe with theyr slings, bowes, and arrowes very fiercely, and came as neere as the water suffered them: and with as desperate minde as hath bin seene in any men, withoute feare of shotte or any thing, followed us all along y^e coast, but al their shot fel short of us, and are of little danger. They had belayd al y^e coaste along for us, and being dispersed so, were not wel to be numbred, but we might discern of them above one hundreth persons, and had cause to suspect a greater number. And thus, withoute losse or hurte, we returned to our shippes againe.

Great offers.

Nowe, our worke growing towards an end, and having onely with five poore miners, and the helpe of a fewe gentlemen and souldiers, brought aboorde almost twoo hundreth tunne of golde ore, in the space of twentie dayes, every man therewithal wel comforted, determined lustily to worke afreshe for a bone voyage, to bring our laboure to a speedie and happy ende.

And upon Wednesday, at night, being the one and twentieth of August, we fully finished the whole worke. And it was now good time to leave; for, as the men were wel wearied, so their shoes and clothes were well worne, their baskets bottoms torne out, their tooles broken, and the shippes reasonably well filled. Some with over-straining themselves received hurtes not a little daungerous, some having their bellies broken, and others their legges made lame. And about this time y^e ise began to congeale and freese about our ships sides a night, whiche gave us a good argument of the sunnes declyning southwarde, and put us in minde to make more haste homeward.

It is not a little worth the memorie, to the commendation of the gentlemen and souldiers herein, who leaving all reputation aparte with so great willingnesse, and with couragious stomacks have themselves almost overcome in so short a time, the difficultie of this so great a laboure. And this to be true, the matter, if it be well wayed, without further prooffe, nowe brought home, dothe well witnesse, God graunt for their forwarde mindes, they may be as well considered, as theyr honest merites have well deserved.

Thursday, the 22 of August, we plucked downe our tentes, and every man hasted homewarde, and making bonfires uppon the toppe of the highest mount of the iland, we gave a vollie of shotte for a farewell, in honour of the right Honourable Lady Anne, Countesse of Warwicke, whose name it beareth, and so departed aboorde.

The 23 of August, having the wind large at west, wee

sette sayle from out of the Countesses Sound homeward, but the winde calming, we came to anker within the poynt of the same sound agayne.

The 24 of August, about three of the clocke in the morning, having the winde large at west, we sette sayle agayne, and by nine of the clocke at nighte, we left the Queenes Forland asterne us, and, being cleere of the Straytes, we bare further into the mayne ocean, keeping our course more southerly, to bring our selves the sooner under the latitude of oure owne climate.

The wynde was very greate at sea, so that we laye a hull all night, and had snowe halfe a foote deepe on the hatches. Snow half a foot deepe in August.

From the 24 untill the 28, we had very muche winde, but large keeping our course south south-east, and were lyke to have lost the barkes, but by good happe we mette agayne. The heygth being taken, we were in degrees and a halfe.

The nine and twentieth of August, the winde blewe muche at northeast, so that we coulde beare but onely a bunt of our foresayle, and the barkes not being able to carrie any sayle at all.

The *Michaell* lost company of us, and shaped hir course towards Orkney as we supposed, bycause that way was better knowne unto them.

The thirtieth of August, with the force of the wynd, and a surge of the sea, the mayster of the *Gabriell* and the boateson were stricken both overboorde, and hardly was the boateson recovered, having holde on a roape hanging overboorde in the sea, and yet the barke was laced fore and afte with ropes a breast high within boorde. The mayster of the Gabriell stricken overboorde.

Thys mayster was called William Smyth, beeyng but a yong man, and a very sufficient maryner, who beeing all the morning before exceeding pleasaunte, tolde hys captayne hee dreamed that he was cast overboorde, and that the boateson hadde hym by the hande, and could not save hym, and so

immediately upon the ende of hys tale, hys dreame came right exally to passe, and indeede the boteman in like sortie helde hym by one hande, having hold on a rope with the other, untill hys force fayled, and the mayster drowned. The keyght being taken we found oure selves to bee in the latitude of degrees and a halfe, and reckoned our selves from the Queene's Cape homeward, about two hundred leagues.

The last of August, aboute midnichte we had two or three great and suddayne flaxes or stormes.

The firste of September, the storme was growne very greate, and continued almoste the whole day and night, and lying a hull to tarry for the barkes, our ship was much beaten with the seas, every sea almoste overtaking oure poope, that we were constrained with a bunte of oure saile, to try it oute, and ease the rolling of oure shippe. And so the *Gabriell* not able to beare any saile to keepe company with us, and oure shippe being higher in the poope, and a tall shippe, wheron the winde had more force to drive, went so fast awaye, that we loste sighte of them, and lefte them to God and their good fortune of sea. The seconde daye of September in the morning, it pleased God of hys goodnesse to sende us a calme, whereby we perceived the rudder of oure shippe torne in twaine, and almost ready to fall away. Wherefore taking the benefite of the time, we flung halfe a dosen couple of our best men overboard, who taking great paines under water, driving plancks, and binding with ropes, did wel strengthen and mend the matter, who returned the most parte more than halfe deade out of the water, and as God's pleasure was, the sea was calme untill the worke was finished. The fifth of September, the height of the sun being taken, we founde ourselves to be in the latitude of degrees and a halfe. In this voyage commonly we took the latitude of the place by y^e height of the sun, bycause the long day taketh away the light not only of the polar, but also of all

The rudder
of the *Ayle*
torne in
twaine.

other fixed starres. And here the north starre is so muche elevated above the horizon, that with the staffe it is hardly to be wel observed, and the degrees in the Astrolobe are too small to observe minutes. Therefore we alwaies used the staffe and the sunne, as fittest instruments for this use.

How the latitudes were alwayes taken in this voyage rather wyth the staffe than Astrolobe.

Having spent foure or five dayes in traverse of the seas with contrarye winde, making oure souther way good as neare as we could, to raise our degrees to bring ourselves with the latitude of Sylley, we tooke the height the tenth of September, and founde ourselves in the latitude of degrees and ten minutes. The eleaventh of September about sixe a clocke at night the wind came good southwest, we verde short and sette oure course southeast.

And upon Thursday, the twelfth day of September, taking the height, we were in the latitude of and a halfe, and reckened oure selves not paste one hundred and fiftie leagues short of Sylley, the weather faire, the winde large at west-south-west, we kepte our course southeast.

The thirteenth daye the height being taken, we founde ourselves to be in the latitude of degrees, the wind west-south-west, then being in the height of Sylley, and we kept our course east, to run in with the sleeve or channel so called, being our narrow seas, and reckoned as shorte of Sylley twelve leagues. Sondag, the fifteenth of September, aboute foure of the clocke, wee began to sounde with oure lead, and hadde grounde at sixty-one fadome depth, white small sandie grounde, and reckned us upon the backe of Sylley, and set our course easte and by north, easte north-easte, and north-east among.

The sixteenth of September, about eight of the clocke in the morning sounding, we had sixty-five fadome ose y sande, and thought ourselves thwart of Saint Georges Channell a little within the bankes. And bearing a small saile all nighte, we made many soundings, whiche were aboute fortie fadome, and so shallowe that we coulde not well tell where we were.

The seaventeenth of September we sounded, and had fortie fadome, and were not farre off the landes end, branded sande with small worms and cockle-shells, and were shotte betweene Sylley and the landes ende, and being within the baye, we were not able to double the pointe wyth a south and by east way, but were fayne to make another boorde, the wynde beeyng at southweast, and by weast, and yet could not double the poynte, to come cleere of the landes ende, to beare along the Channell: and the weather cleered up when we were hard aboorde the shore, and we made the landes ende perfite, and so put up alongst Sainte Georges Channell: and the weather beeyng very foule at sea, we coveted some harborough, bycause our steerage was broken, and so came to anker in Padstowe roade in Cornewall. But riding there, a very dangerous roade, we were advised by the countrey to put to sea agayne, and of the two evils, to choose the lesse, for there was nothing but present perill where we roade: whereuppon we plyed along the Channell to gette to Loundy, from whence we were agayne driven, being but an open roade, where our ancker came home, and with force of weather put to seas agayne, and aboute the three and twentieth of September, arrived at Milforde Haven in Wales, whyche beeyng a very good harborough, made us happy men, that we hadde receyved suche longe desired safetie. And more happie we helde our selves, not for the safetie of ourselves so muche, as the comferte that we had that our countrey shoulde thereby have perfecte knowledge of oure discoverie, to the greate benefyte of oure common wealth.

The arrivall
of the *Ayde*
at Padstow
in Cornwall.

Our coming
to Milford
Haven.

Aboute one moneth after oure arrivall heere, by order from the Lordes of the Counsell, the shippe came up to Bristowe, where the ore was committed to keeping in the castell there. Heere we founde the *Gabriell*, one of the barkes, arrived in good safetie, who having never a man within boorde very sufficient to bring home the shyppe, after the mayster was lost, by good fortune, when she came upon

The arrivall
of the
Gabriell
at Bristow.

the coast, mette with a shyppe of Bristowe at sea, who conducted hir in safetie thither.

Here we heard good tidings also of the arrivall of the other barke called the *Michaell*, in the north partes, whyche was not a little joyfull unto us, that it pleased God so to bring us to a safe meeting agayne, and lost in all the voyage only one man, besydes one that dyed at sea, whiche was sicke before he came aboard, and was so desirous to followe this enterprise, that he rather chose to dye therein, than not to be one to attempte so notable a voyage.

The
Michaell
arrived in
the north
partes.

Only one
man dyed in
this voyage.

FINIS.

[Another account of this Voyage was written by Master Dionisi Settle, and will be found in the xii volume of *Pinkerton's Voyages and Travels*. London, 1812.]



STATE PAPERS SUBSEQUENT TO THE
SECOND VOYAGE.

- I. MR. LOCKES MEMORIAL.
 - II. ORDER FOR THE SHIPPES TO UNLOAD.
 - III. LIST OF THOSE THAT NOW DESIRE TO BE VENTURERS.
 - IV. WHAT MICHAEL LOK HATHE DONE FOR THE VOYAGE.
 - V. THE BRYEFE ACCOUNT OF THE EXPENSES OF THE SECOND VOYAGE.
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*STATE PAPERS RELATIVE TO THE TRIAL OF THE ORE
SUBSEQUENT TO THE SECOND VOYAGE.*

- I. DR. BURCOT ON HIS TRIALE OF THE OWRE.
- II. FROM MR. LOK WHAT CHARGES ARE REQUISITE FOR THE
FYNYNGE OF THE EWRE.
- III. FROM MY LORDS TO MR. LOK TO COLLECT £900 OF THE VEN-
TURERS.
- IV. FROM MR. G. LE BRUM, TRYALL OF METAL FALLING NOT OWT.
- V. FROM DR. BURCOT, A PROOFE OF HOW MUCH GOWLD AND SILVER
A POUND OF ORE YIELDETH.
- VI. A LITTLE BUNDLE OF THE TRYEING OF THE NORTHWEST EWRE
- VII. FROM DR. BURCHART TO MR. SECRETARY WALSYNGHAM TOUCHYNG
THE NORTHWEST EWRE.
- VIII. A DECLARATION OF THE VALUE OF THE NORTHWEST EWRE.
- IX. FROM DR. BURCOT TOUCHYNG HIS CUNYNGE AND OFFER ABOUT
TRYINGE THE EWRE.
- X. TO THE LORD TREASURER AND LORD CHAMBERLAIN ABOUWE
THE NORTHWEST EWRE.
- XI. THE ACCOMPTE TAKEN AT MUSCOVIE HOUSE OF CC WEIGHT OF
THE EWRE.

STATE PAPERS
SUBSEQUENT TO THE SECOND VOYAGE.

[Colonial 51. Domestic Eliz., cxv. No. 35.]

MR. LOCKES MEMORIAL.

To the Quenes Ma^{ties} most honorable Privye Councill.

Maye it please yo^r honors in most humble maner to be advertised.

THE ij ships *Ayde* and *Gabriell* are arived at Bristowe in saffetye accordinge to yo^r honors orders.

And yf yo^r honor's doo think it good to dyscharge the ure on land there yt may please yo^r honors to gyve order (under correction) that Mr. Furbisher may delyver the same by weight, and that the same may be kept in the castell or other saffe place there under iiij severall lokes and keys wherof one wth the Mayor of Bristowe, one wth Sir Richard Barkley, one wth Mr. Furbisher, and one wth Michael Lok, or any other of the venturars as shall seeme good to yo^r honors. Also there is to be payd presently uppon the dyschargenge of the ships ladynge viij^e poundes of money or more for the wagys of the souldiars and maryners w^{ch} have sarved w^{ch} doo remayne styll at charges of the companye for meate and wagys untill they be payd the w^{ch} said money cannot be found in London uppon interest nor exchange notwthstandinge the dyllygens used by the Commyssyoners to take up the same wherefore for the provision therof restethe but ij meanes. Fyrst yf it would please the Quenes Ma^{tie} to prest the same for iij monthes untill the ore may be melted downe w^{ch} may be receved of her Ma^{ties} customars or other offycers at Brystowe or ells the same must be ceassed and collected of all the venturars accordinge to the rate of their stok ventured w^{ch} would be but xxv^{li} for every c^{li} of their venture, but it would be very longe tyme and moche dyfficultye in collection.

The disposing of the ore at Bristowe.

The wages to furnishe money for yedischargo of the maryners and sowldiars.

Also the ship *Michael* is now in the Ryver of Tamys arived in saffetye by Gods grace and the same ship must be presently dyscharged at London. And the Comyssoners doo think good to put the ure in saffe custodye in the howsse wher Sr Willm Wynter dothe now dwell at St. Katheryns hyll, where they have alreedy made a furnace to melt downe the same. May it please yo^r honors to gyve order that the same may also be delyvred by weight and kept under iiij loks and keys to be

The disposing of the ore at London.

To appoynte
commiss-
sioners to
looke to the
melting.

Michael
Lockes
request.

[in] the custodie of Sr William Wyntar, Mr. Thomas Randall, Mr. Furbisher, and Michael Lok or others as to yo^r honors [semethe] good. Also yt may please yo^r honors to gyve ordre and auctoritie to the sayd Commyssioners w^{ch} are Sr William Wyntar, Mr. Thomas Randall, George Wyntar, Anthonye Jenkynson, Edmond Hogan, Michael Lok. And to joyne to them Mr. Furbisher or any others that yo^r honors shall lyke that they maye consulte and determyne for the spedye meltynge downe of the ure bothe at London and at Brystowe.

And wheras Michael Lok for the advancement of this voyages for the space of iij yeres of his own goodwyll hathe taken the paynes and charge of keypyng all accountts to reconyces frely wthout any recompence, and hathe byn named tresourer, thoughe he hathe had but lytle tresour in his keypyng. Now yf yo^r honors doo lyke well of his doynge accordinge to his small power yt may please yo^r honors to ratifye hym in that offyce to take charge of the money and tresour of this companye to account and hereafter to consyder of hym for his paynes and doynge as to yo^r honors shall seeme good or his defectes shall appere.

[*Colonial, 55. Domestic Eliz., cxvi, No. 14.*]

XIIJ DIE OCTOBRIS, 1577. A NOTE OF MONEY PRESENTLYE TO BE DISBURSED FOR MARYNERS WAGES OF THE THREE SHIPPES RETURNED WTH MR. FURBUSSHER.

In primis for the wages of an hundreth maryners in all the three shippes, at severall rates, from x^s to vj^{li} xiijs iiiij^d for a man the moneth, amounteth to the some of cxl^{li} the moneth, w^{ch} from the first of June unto the last of October beinge ffyve monethes, amounteth in the hole to y^e somme of dcc^{li}.

At x^s y^e men. Item for wages for xxvj^{li} souldiors, for the sayde ffyve monethes, as it shall please yo^r honors.

Item for recompence for xiiij gentilmen duringe the tyme aforesayde, as it shall please yo^r honors to consyder of some reasonable porcion of the adventure.

This money cannot yet be found to be taken uppon interest nor exchange.

And yf it be levied by collection uppon the venturars, it will come to xxv^{li} uppon everie c^{li} of the^r venture.

Item, whether their honors doo continew in mynde that the ij shippes at Bristow shall discharge there or come to London.

Item, whether Michael Lok shall contynew still Treasurer or not.

Indorsed. For the shippes of Cathai to be unladen.

[*Colonial, 55. Domestic Eliz., cxvi, No. 24.*]

AN ORDER OF MY LORDS, THE 16 OF OCTOBER, 1577, FOR PAYMENT TO BE MADE TO THE MARINERS AND SOULDIERES OF THE CATHAY VIAGE.

Where as there is presently to bee disbursed for the discharge of suche mariners and souldiers as have been employed in the viage towards the northwest under Captayne Ffurbisher, the somme of eight hundrethe powndes, yt is ordred that suche as have been adventurers in the sayd viage should contribute toward the discharge of the sayd somme of viijth, after twentie in the hundrethe, *pro rata*, w^{ch} sayd contribution is thought also meete to bee delivered into the handes of Michaell Locke, Treasurer for the Companie, beyng appointed to give bylles signed under his hand for suche sommes as he shall receive.

[*Colonial, East Indies, 54. Domestic Eliz., cxix, No. 44.*]

These desyre now to be venturars in the goodes now come home, w^{ch} may be graunted uppon the whole stok now come home, or ells in the next adventure, as yor honors shall thynk good.

My Lord Kepar	.	.	.	.	.	li25
Therle of Bedford	.	.	.	.	.	li25
Mr. Controllar	.	.	.	.	.	li25
The Erle of Oxford	.	.	.	.	.	li25
My Lord Hunsdon	.	.	.	.	.	li25
My Lord Charles Howard	.	.	.	.	.	li25
My Lord of Comerland	.	.	.	.	.	li25
My Lord Cobham ¹	.	.	.	.	.	li25
My Lord Wharton	.	.	.	.	.	li25
Mr. Hatton	.	.	.	.	.	li25
Mr. Hennage	.	.	.	.	.	li25
Mr. Horsey	.	.	.	.	.	li25
Sr Humfrey Gilbert	.	.	.	.	.	li25
Mr. Woolley	.	.	.	.	.	li25
William Kyllgrew	.	.	.	.	.	li25
Thomas Dudley	.	.	.	.	.	li25
Raffe Lane	.	.	.	.	.	li25
Hew Smythe	.	.	.	.	.	li25
John Dee	.	.	.	.	.	li25
Jeffrey Ducket	.	.	.	.	.	li25
Thomas Nyccolls	.	.	.	.	.	li25

li500

¹ Added in another ink.

Francis Mylles ^r	.	.	.	.	li25
Laurens Tomson	.	.	.	.	li25
Arture Dawbney	.	.	.	.	li25
John Capelin	.	.	.	.	li25
Thomas Cesar	.	.	.	.	li25

[*Colonial East Indies*, 70. *Domestic Eliz.*, cxxx, No. 35.]

THE NAMES OF THE VENTURARS OF BOTHE THE VOYAGES
MADE BY MARTIN FURBUSHER, GENT. TO THE NORTH-WEST,
ANNO 1576 AND ANNO 1577.

		Stok.	Cessement.
	The Quenes Ma ^{tie}	li1000	li200
In the first voiage			
li50	The Lord Highe Treasurer	li100	li20
	The Lord highe Admyrall	li100	li20
li50	The Lord highe Chamberlayn	li100	li20
50	The Erle of Warwyke	li100	li20
50	The Erle of Leycester	li150	li30
	Mr. Treasurer of the Q. Ma ^{tie} household	li50	li10
25	Mr. Secretarie Walsingham, for hym sellffe and others	li400	li80
	Mr. Secretarie Wyllson	li50	li10
		£2050.	
	The Erle of Pembroke	li150	li30
	The Countesse of Warwyke	li50	li10
	The Countesse of Pembroke	li25	li5
	The Lady Anne Talbot	li25	li5
25	Mr. Phillip Sydney	li50	li10
100	Sr Thomas Gresham	li200	li40
25	Sr Leonell Duckett	li50	li10
	Sr William Wyntar	li200	li40
	William Pellham	li50	li10
	Edward Dyar	li25	li5
25	Thomas Randolphe	li50	li10
	George Wyntar	li50	li10
	Mathew Smythe	li50	li10
	Symon Boyer	li25	li5
25	Anthony Jenkynson	li50	li10
	Jeffrey Turvile	li50	li10
	William Payntar	li50	li10
	Richard Bowlland	li50	li10

¹ This and the following names are added in another ink.

SUBSEQUENT TO THE SECOND VOYAGE.

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	Robert Kyndersley	li50	li10
50	Edmond Hogan	li100	li20
25	Mathew Fyllid	li50	li10
	Richard Yonge	li50	li10
	Thomas Allyn	li50	li10
	William Ormshawe	li25	li5
<hr/>			
li500		li3575	li715
	Christofer Hudson	li50	li10
	Thomas Owen	li25	li5
	John Dee	li25	li5
	Julio Cesar	li50	li10
	Eleazar Lok	li25	li5
	Gerson Lok	li25	li5
	Martin Furbusher	li100	li20
100	Michael Lok	li1000	li200
<hr/>			
		li1300	li260
£275	{	100 William Burde	li
		100 William Bonde	li
		25 Mathew Kyndersley	li
		25 Christofer Androwes	li
		25 Robert Martyn	li
<hr/>			
	£375		li315
	£500		li715
<hr/>			
Stok 875	Received the first voyage		li1030
			Cesement.

	li1300	li800 first voiage spent
	li3575	li4350 second voiage paid
<hr/>		
Venturars	li4875 of first and second voiages	li5150 paid all the stok
	li 275 of first voiage onelie	outward.
<hr/>		
Received	li5150 all the stok.	

Received by the said cesement	paid for the mynes	li198
of 20 th for 100 th stok	paid for mens wagys of the	
li1030	iiij ships come home	li1044
<hr/>		
	Somme paid the 24	li1242
	Decembar 1577	

[*Colonial, East Indies, 75. Domestic Eliz., cxix, No. 30.*]

MICHAEL LOK HATHE DONE FOR THE VOYAGE OF CATHAI, AS
FOLOWETHE.

XXV yeres studye and travaylle to satisfye his knowledge thereof.

M^t poundes spent for thinges necessarie for his satisfaction of know-
ledge therof in bookes, maps, cartes, instrumentes, and gyftes to men for
conference therof; wherof is not one peny put to the account besydes all
his howshold charges.

M^t m^t cccc^{li} powndes paid and disbursed by hym sellfe for furniture
of the first and second voyages over and above all that he received of all
other venturars w^{ch} li2400 he dyd beare venture of in the same first and
second voyages untill the shypps returned home.

W^{ch} said li2400 was for the sums of venture wrytten upon the names
folowinge, w^{ch} was not paid hym untill the ships returned, and is not
yett all paid hym, but he had promes of sum of them.

My Lord Highe Treasuror	.	.	.	li50
My Lord of Leycester	.	.	.	li100
S ^r Thomas Gresham.	.	.	.	li100
Mr. Doctor Wyllson	.	.	.	li50
George Wyntar	.	.	.	li50
Symon Boyer, he gave pledge	.	.	.	li25
Richard Owen	.	.	.	li25
Julio Cesar	} M. L.	.	.	li25
Thomas Cesar		.	.	li25
Eleazar Lok		.	.	li25
			Summe	li475
For Michael Lok hym sellfe	.	.	.	li1000
				—
For the second voiage. Sum	.	.	.	li1475
M. Lok in first voyage	.	.	.	li825
				—
Ventured by M. Lok	.	.	.	li2300

Indorsed. Mr. Lock's privat memorandum. 1576 and 1577.

[*Colonial, 94. Domestic Eliz., cxix, No. 32.*]

THE BRYEF ACCOUNT OF THE SECOND VOYAGE, 1577.

Rec ^d of all the venturers	Paid for the <i>Ayde</i>	li850
for their stokes . li5150	For the <i>Michaell</i> and <i>Gabriell</i>	li400
	For taklinge and rigginge	li577 7
	For ordnance and muni- tion	li467 5 1

¹ The last c appears to have been erased.

SUBSEQUENT TO THE SECOND VOYAGE.

167

	For vyttells . . .	li963 18 3	
	For wages outwards . .	li600 12 9	
	For necessaries for the mynes . . .	li123 8 4	
	For marchandyse . . .	li346 5 0	
		<hr/>	
		li4328 17 6	
	For charges outwards . .	21 2 6	
		<hr/>	
		li4350 0 0	
	For losse spent first voiage	li800 0 0	
		<hr/>	
	Sum paid . . .	li5150 0 0	
Rec ^d of supplie of venturers to paye wages at retourne of the shippes . . .		li1030	
lackinge . . .			
My Lady Anne . . .			
Talbot . . .	li6		
The Erle Sus- sexe . . .	li10		
Sr W ^m Winter . . .	li1 12 4		
Sr Tho. Greshame . . .	li6		
	<hr/>		
	li22 12 4		
	Paid after the ships re- tourne ; paid outwards above the stoke re- ceived . . .	li1 15 2	
	Paid for wages of mariners and gentlemen at re- tourne of the shippes . . .	li1582 15 5	
	Paid for wages of myners and charges of tryall of the ewer at London . . .	li324 1 8	
		<hr/>	
		li1908 12 3	
	For not rec ^d in the sup- plie of li1030 . . .	li22 12 4	
		<hr/>	
		li1931 4 7	
		li1030 0 0	
		<hr/>	
	Rest paid . . .	li901 4 7	

THE ACCOUNT OF MONY FOR THIRD VOYAGE 1578.

Received as follow th		Paid as fallow th	
Of the Q. Ma ^{tie} . . .	£1350 0 0	To W ^m . Kerin, frestone	£4 0 0
Of Mathew Feld . . .	£35 0 0	To Christ. Hawlle,	
Of M. Kindersley . . .	£15 0 0	bristole . . .	£13 0 0
Of Sr Frances Knolles . . .	£67 10 0	To J. Roberts, bellows	£3 10 0
Of Ed. Hoggan . . .	£40 0 0	To Ff. Grene, bucher	£100 0 0
Of L. Pembroke . . .	£202 10 0	To Mr. Frobiscer . . .	£400 0 0
Of La. Pembroke . . .	£33 15 0	To Pointell, baker . . .	£100 0 0

Of Mr. P. Sydney .	£67 10 0	To Mr. Fenton .	£50 0 0
Of Mr. S. Walsingham	£182 7 0	To Willson, caper,	
Of Jo. Somers .	£67 10 0	5. 20. 20.	£45 0 0
Of Mr. S. Willson .	£67 10 0	To Jonas, a quarter .	£25 0 0
Of Sr Henry Wallop	£67 10 0	To Olyver Skinner, iron	£3 5 0
Of Roberte Kyndersley	£67 10 0	To John Gonne, iron	£3 8 0
Of M. Kindersley .	£18 15 0	To Jo. Roberts, bellowes	£2 0 0
Of Erle Warwyke .	£135 0 0	To Jo. Fysher, smithe	£4 0 0
Of Countesse Warriike	£35 0 0	To N. Chanselar, 20.25.	£35 0 0
		To F. Shawe, buttar	£50 0 0
Sum received	£2452 7 0	To C. Hawle, bristowe	£20 0 0
		To Ed. Selman, bristowe	£62 0 0
		To F. Lee, shippe .	£50 0 0
		To Ro. Denam, a	
		quarter lent .	£12 10 0
		To P. Barnston,	
		aquavite .	£6 0 0
		To Mr. Fenton, targats	£10 0 0
		To Ed. Selman, bristowe	£16 0 0
		To Thomson, carpenter	£30 0 0
		To Hitchecoke, car-	
		penter .	£20 0 0
		To Poyntell, baker .	£50 0 0
		To Mathew, baker	
		pynnasses .	£12 0 0
		To Ro. Denam, ad-	
		ditamentes .	£10 0 0
		To Jeronias stoves .	£10 0 0
		To S. Burow, pynnasse	£6 0 0
		To Thomson, carpentar	£30 0 0
		To other od charges,	
		17 Aprill .	£16 0 0
		To Mr. Frobiser acc.	
		40. 10. 10. .	£60 0 0
		To Vyllers colles .	£10 0 0
		To Croker, smithe .	£5 0 0
		To L. Admiralls man	£2 0 0
		To Stanley, currier,	
		for lether .	£5 0 0
		To Mr. Fenton .	£10 0 0
		To Mr. Furbusher,	
		bristowe .	£596 5 0
		To the shippe <i>Hopewell</i>	£50 0 0
		To Jonas .	£10 0 0
		To John Hayles,	
		Dartford .	£12 0 0

		Somme paid	£1958	18	0		
		Paid for second voyage	£901	4	7		
		Sum paid	£2860	2	7		
Receyt as follow th		Payments as follow th					
Of Mr. Dowgle . . .	£33	15	0	Sum paid reste . . .	£407	15	7
Of Sr Tho. Gresham . . .	£70	0	0	The 23 Aprill 1578.			
Of Lord Tresorer . . .	£100	0	0	To Thomas Willson,			
The 2 May 1578				coopar . . .	£10	0	0
Of Sr Thomas Gresham	£100	0	0	To Thomson, carpentar	£20	0	0
Of Rich. Young . . .	£50	0	0	To Augar, chaundler	£20	0	0
Of Christofer Hudson	£67	10	0	The 24 said [month].			
Of Ed. Hogan . . .	£95	0	0	To Mr. Hawle, Bristowe	£12	0	0
£416	5	0		To Chanselar purser.	£8	0	0
				To Shawe for butter	£20	0	0
				To Mr. More shipe <i>Foy</i>	£48	0	0
				To Mr. Rashesley			
				shipe <i>Foy</i> . . .	£48	0	0
				The 26 said			
				To Whitnall, coopar	£10	0	0
				To Morris, tente maker	11	9	0
				To Baker, shipwright	£16	0	0
				To Poyntell, baker,			
				of Lymehouse . . .	£50	0	0
				To Thomson, carpentar	£30	0	0
				To Vyllars, secoles . . .	£21	5	0
				To Mr. Fenton . . .	£30	0	0
				To Chanselar purser	£13	18	0
				The 30 April, 1578.			
				To men of Judeth			
				wags . . .	£110	0	0
				To Shaw, for fyst . . .	£40	0	0
				To Thomson, seacoles	£18	10	0
				The 3 May.			
				To Whitnall, coopar	£5	0	0
				To Willson, cans . . .	£4	4	0
				To Ffrances Lee, ship	£30	0	0
				To Thomson, carpenter	£20	0	0
				To Eliot, brise . . .	£5	0	0
				To Maryners, Judethe			
				wages . . .	£55	0	0
				To Dowd, coopar . . .	£2	0	0
				To Newson, clokemaker	£6	12	0
				To J. Roberts, bellowes	£4	16	8
				To Hopkins, smyth . . .	£2	15	6
				To Morris, tent maker	£15	0	0

STATE PAPERS RELATIVE TO THE TRIAL OF THE ORE
SUBSEQUENT TO THE SECOND VOYAGE.

[*Colonial 77. Domestic Eliz. cxxii. No. 3.*]

JANUARY 6TH, 1577. FROM DR. BURCOTT OF HIS PROCEEDYNGE
IN THE TRIALL OF THE OWRE.

My humble commendacions Sir Walsingame I gyve you most hartie thanks for your laboure and delygence for the performinge of your promysse and the sendinge of my pattane and, I hope by Godes grace to performe my promysse towards you I had or this sertefied your Honore the trewe matter off this ower and my proves butt' God hathe towched me so hard wth the gowte that I have kept my bed this thre wekes and do yett, and I sertefie your Honore off a trothe that I have mayd a hundred dyvers sayes of sondry owers out of that lande, and I fynde not such goodnes in yt as I thought to have founde not prosedinge half an ounce, as the blacke ower ys and I have prepared and rosted accordinge as I promysed you, and I cane bringe yt to no clay but I have moltine doune a pounce, and hathe founde in yt fouer graynes as by this prove I have sent you dothe appere that will come in a houndred weight almoste thre quarters of an ounce that is nere xiiii ounces in a tonne and I dout not when yt is right prepared yt will faule out in the great fyere very well and I am mynded as sone as I am able wth my bodye I will melte doune a hundred weight and send you that prove accordinglye. So I byd you fare well wth my humble disier to advertyse the Quene's Heignes and my Lord of Lasyter. Datum the vi of January.

Your humble to comand,

Burchard Kranrych.

To his honorable and singuler good frend Sir Fraunces Walsing e,

Secret e to the heigh.

[*Colonial*, 79. *Domestic Elis.*, cxxii, No. 9.]

JANUARIE 19TH, 1577. FROM MR. MICHAELL LOOKE, WHAT CHARGES S^r WILL'M WINTAR AND THE REST YPPON THEIR MEETYNGE HAVE THOUGHT PRESENTLY TO BE REQUISITE FOR THE FYNING OF THE EWRE AND OTHER THINGES TO BE FURTHER DONE IN THAT BEHALF.

Right Honorable, accordinge to the commission of Her Ma^{ties} Privie Councell directed to S^r W^m. Wyntar, Mr. Randolph, Mr. Dyar, Mr. Mr. Yonge, Mr. Furbusher, and my self we all (except Mr. Randolph) have syttogethers theise ij days past, and have consydered thervppon as the tyme would suffer, and have had before us all the chyeif workmasters for the erectinge of the howsse and furnaces at the mylls at Dartford, for the meltyng of the ewr brought by Mr. Furbusher, and as nere as we can esteme the charges therof wylbe thus :—

For bryk, stone, tyles, lome, lyme sand, lathes, naylles, and workmanship therof, for all the myllehowes and iij furnaces, w th makinge the groundwork	li160
For tymber, and all other stuffe and the carpentars workmanship therof; for the howsse of 84 foote long and 36 foote wyde, and for the myll wheles, and the stampinge mylls, and the iij paier bellowes for the furnaces, wherof ij for melting, and i for drivinge or fynyng, and for all other engynes belonging therto	li240
	<hr/>
	Sum hereof
	li400
For charges of a man to go to Germania, for ij chief workmasters of meltinge and fyndyng mynes, and another man into Yorkshier, for stuffe to melt the ewr	li40
For to provyde wood and coles, and other thinnes extraordinarie by estymation	li100
For wags paid to the maryners and men come home w th the shyps, above the estimation made of 20 on 100 collected sum li360 includyng therin li200 alre dy paid for charges of buyldinges of furnaces and small proffes and sayes of the ewr made by the handes of dyvers men. Sum	li360

Sum of all li900

The said sum of li900 of money muste be provyded presentlye by collection of the venturars or otherwysse.

And for the better and more spedye provision of the stuffe and men requysyte for the buyldynges forsaid, it is thought requysyte to have comysion in Her Ma^{ties} name to be directed to S^r Will'm Wyntar, who hath alre dy a sufficient warrant for the marine affaires.

This beinge done all the woorkes wilbe fynyshed and the ewr molten and fyned wth in vi or viij wekes tyme by Godes help.

We have also thought it good that Her Ma^{tie} be moved for her favourable letter to the Duke of Saxonia declaring the staying here of Jonas for Her Ma^{ties} sarvyce w^{ch} shalbe sent by the parson that goethe for workmen.

Of other matters this bearer Mr. Furbusher can informe yor Honor at large, wherfore I end, and comytt yo^r Honor to the tuition of Almighty God. From London the xix Januarie, 1577.

Yo^r Michael Lok.

To the Right Honorable S^r Francys Walsingham, Knyght,
Her Ma^{ties} Chyef Secretarie, etc.,
Delyured at the Court.

Commission from Her Ma^{tie}
Letter to the Duke of Saxonie.

[*Colonial*, No. 80. *Domestic Eliz.*, cxxii, No. 10.]

JANUARIE 19TH, 1577. FROM MY L.L.'S TO MR. MICHAEL
LOCKE FOR THE COLLECTION OF 900*li*. AMONG THE AD-
VENTURERS OF THE NORTH-WEST, ETC.

After o^r hartie comendations where as for the buildyng of certayne furnaces, and sendyng for skilfull men owt of Germanie for the tryall and refinynge of the oore brought owt of the north-west: as also for the payment of certayn wages due to the mariners and others employed vnder Mr. Furbusher, gent., in the last viage to the sayd north-west parts, we are enformed the somes of 900*li* to be verie necessarie and presently required. These are to require you to repayre to all such as be Adventurers in the sayd viage, as from vs so appointed, and to collect and gather of everie of them for the vses, purposes aforesayd, the sayd some to be levied amongst them after xx*li* in the hundredth, accordyng to the rate of and proportion of everie of their Adventurers, and this to be done wth as convenient speede as you can, to the end that so good an enterpryse and profitable as this viage is hoped will prove after so great charges allreadie bestowed thereon; nowe be not hindered either for want of so small a som or not prosecutyng the triall of the sayd oore. And so we, etc.

[*Colonial* 81. *Domestic Eliz.*, cxxii, No. 17.]

JAN. 24TH, 1577. FROM MASTER GEOFFREY LA BRUM, TRYAL
METAL FALLING NOT OWT.

Monseigneur jay considere toutes ces espesses de mineres quil vous ha pleu me bailler et ay trouve que la pluspart ne sont que mar-

chassites et non mineres lesquelles marchasites ont ordinairement tant de souphre que quant il y auroit quelque peu de bon metal on ne le pourroit tirer sans grant peine et perte quant a en faire preuve et essay et essay certain il en faudroit bien davantage et ne se fault fier a deux ny troys preuves seulement car tel morceau qu'on pense estre bon et habonder dor ou dargent je ne sy trouve rien ou peu de chose le plus-souvent et au contraire tel qu'on mesprise se trouve le meilleur quelque-floys avec ce quil y ha divers noyens por extraire le pur metal et le fault tenter par diverses voyes par ce que'n aulcunes minieres le metal est encore tant crud quil sesauvit et perd en le fusion sil nest retenu par cementations fixatives en outres il est accompaigne de tant dordures et impurtes comme de souphre, terre, pierre loppes et semblables qu'on ne le depart qu'a grant peine de facon qu'on le doit esprouver tantost avec selz tantost avec vifargent tantost la bruslant tantost la cementant ou fondant avec savon plomb selpitre borax ou aultres qui sont en grant nombre et trop longues a escrire. Quant a celle du Capp^e Forbisher elle merite bien tant de diverses preparations et sy jen eusse eu nombre jen eusse tente plusieurs facons mais pour sy peu on nose asseurer de rien seulement je vous peux tesmoigner que jen ay brusle lave et purge puis joint avec plomb et mis en cendres ou coupelle qui n'ha rien laisse de fin qui ne faict juger quil ny ha grant profit par ce que les aultres voyes et moyens dextraire le fin sont de grant coust et labeur sur quantite, vray est que sy j'en auvis ugne livre ou deux jessairoys quelque preparation par sel commun prepare avec aultres ingrediens par le quel jay aultrefois reduit des metaux fort calcines que le borax, saint de verre nitre et aultres semblables ne pouvoient reduire. Je nay baille a Mons^r Marchant les fuses mineres a vous reporter par ce que je ne scay sy les desires sy je peux recouvrer davantage de celle du Capp^e Forbischer jen feray amples preuves jattendois a vous en cserire jusque a ce que jeusse ven le fin de quelques euvres que jay commences y a ja longe temps pour ta medecine affin de vous en faire part en tesmoignage de tant de courtoysies et bienfaictz que jay recevez de vous pour lesquels je suis et seray a tousjours oblige a vostre grandeur, mais lesditz euvres restantz parfaites et mons^r Marchant maiant adverty a midi de vostre commandement jay fait te presenter po^r mexcuser et vous suplier me tenir au rang de voz treshumbles et tresfideles serviteurs je prie Dieu Monseigneur quil augmente vostre grandeur et tentretienne en longue et tresheureuse sante pour de plus en plus servir a sa gloire. Amen. De Londres ce Samedi 24^e jour de Janvier 1578.

Vostre treshumble et obeissant serviteur,
Geoffroy Le Brumen.

A Monseigneur
Monseigneur de Vualsinghapt.

[*Colonial*, 83. *Domestic Eliz.*, cxii, No. 53.]

21 FEBRA, 1577, FROM D. BURCCOTTE, WITH A PROOFFE HOW MUCH GOULD AND SILUER A POWND, AND ONE HUNDRETHE POWND WEIGHT YELDETH, w^{ch} HE WILL WARRANT TO HOULD THROUGHOUT THE WHOLE EWRE.

Please your Honore, I perceyve by your letter that you cane not come so quycklye as I thought, therefore, I send you here by the captayne the sylver and gold of a pound, and a hundred weight, wher by I will abyde by yt off my credyt and honestlye that I will bringe twenttie tymes so mvche out of every toune in the lyke ower as that was and never vnder butt reyther above that rayte, and I pray you showe to the Quene that Her Ma^{tie} will be good lady vnto me, for I am lyke loss mvche this springe to go about that busynes; and that you will be ameane that the captayne may be spedeley sett fourthe agayne wth suche teachine and instructine, as I have gyvene him, for yf he shall not go spedelye and speciallye now this yeare yt wilbe the worste that ever came to Ingland, and that the ower may be brought hastelye frome Brestoo to Detforthe, and that the detymente that the captayne cane showe you be prepared, and your Honore to come so hastelye as you cane to vsette the place where the meltinge house shall stand. Now I send you the trothe by the captayne how the house shall be; and I trust to se you shortleye. So I comytte your Honore to God in haste, this xxith day of February, 1578.

Your Honore to command,

Burchard Kraurych.

To his honorable and singuler good frend, Sir Frauncs Walsingame, Secretorye to the Quenes Heighnes, delyver this.

[*Colonial*, 86. *Domestic Eliz.*, cxxii, No. 62.]

A LITTLE BUNDLE OF THE TRYING OF Y^r NORTHWEST EWRE.
BY D. BURCOT, JONAS SCHUTZ, BAPTISTA AGNILLO, ETC.

The doings of Jonas Shote in the newe mynes of golde.

In Januarye 1576, Jonas Shute was brought acquainted wth John Baptista Agnello, by the meanes of Sr John Barteley, and Sr William Morgaine, knights, soo as in the same monthe of Januarye by the meanes of the learninge of the sayd Baptista in alchimia and the knowledge of the said Jonas in myneralls and mettalls handelinge, the verye firste golde was founde and discoueryed by them too bee in the first peace of ewer whiche Mr. Furbusher brought home in his first voyadge, the valve of oz. 1½ in c. weight of the ewer, whiche ewer Mr. Locke had delyvered too the sayde Baptista in the same moneth of Januarye too

make prooffe thereof, w^{ch} prooffe being made, hee, Mr. Locke, delyvered the same too Her Ma^{ties} ymediately.

And afterwarde, in the same monethe, and in February, and Marche, Baptista and Jonas made diuers other smale proofes thereof whereby still they founde golde, whiche afterwarde was discouered too Sr William Winter by Sr William Morgaine.

In the beginninge of Aprill 1577, when Sr William Winter was assured from Sr William Morgaine and Sr John Bartley, by the handy worcke of Jonas, by prooffes w^{ch} he made in their owne presens, too their owne satisfaction that this was trewly the ewer of a mynd of golde; the sayde Sr William Winter justified the same too bee trewe too my Lordes of the Queenes Ma^{ties} Honorable Pryvie Councell.

And vpon commission directyd from Her Ma^{ties} Pryve Councell too Sr William Winter, Mr. Thomas Randolphe, George Winter, and others, by the procurement of Mr. Locke, they weare certyfyed by wrytinge geuen by Jonas, of the riches of this ewer and order and chardges of meltinge the same, and the buyldings and workemen thereof, and of all things necessarie for the furniture of the mynes, w^{ch} all other couninge men coolde fynde owte, wheareby Her Ma^{ties} & Her Pryve Councell weare content too sett owtt a secounde voyadge for discouerye vnder charge of Mr. Furbusher.

And therevpon allsoo agreement was made wth Jonas Shots by indenture vnder the hand wrytinge of Sr William Winter and Mr Locke, that he shoulde goe one the voyadge as cheife master of the mynes, and too bee cheife workemaster therein above all other as well abroade as att home, and att his retorne home too bee made denyson and too have a good pencion for his enterteynement duringe his lyfe.

Allsoo in the newe lande all the voyadge Jonas made all the smale prooffes, & sayes of all the ewer that was founde in the mynes theare w^{ch} was laden in the shippes and brought home and certyfyed the valewe of the ryches thereof, whiche nowe is founde trewe.

Allsoo the ships beinge retorned home intoo Englande in the monethe of September 1577, wth their full ladinge of that riche ewer too the quantitie of clx tonnes, Jonas hathe wrought and donne therein as followethe.

The fyste of October, 1577, Jonas begane too builde the furnaces at Sr William Winter's house, and fynished the same and all things necessary of his own devise.

The theirtie of October he had molten one hundrethe weight of the ewer prepared and handelyd after his owne devise and order. And thereby was founde that a tonne thereof doeth holde of fyne golde more then the valewe of xl*li*. of mooney by wittnes of Sr William Winter, Mr. Furbusher, Mr. Locke, and Robert Denhame & others whoe sawe the woorkinge and prooffes theareof made, besydes the remnants of gold remayninge in the slags, w^{ch} Jonas sayd coulde not be well brought

outt, butt in the greate woorkes, furnasses, w^{ch} he desyred might bee builded accordinge too the plate that he wolde giue, that theirby hee woould thorowghely knowe the nature of this ewer.

The theirde of November reporte was made too the Queenes Ma^{ties} Privie Councill by Sr William Winter and others of the Commissioners what was founde by Jonas woorkes, whiche did not satisfie them, and althoughe Jonas him selfe and Denhame, declared too them this furnace too bee not sufficient for the great woorkes, yet wolde have them to melte downe an other hundrethe weight for better tryall of the trewth, w^{ch} Jonas sayde he was willinge, because this furnance and bellowse was too smale and place not fyte yet for their commandement he wolde doe yt.

The twentethe of Novemb', Jonas had newe repaired his furnace at Sr William Winters howse as well as that place wolde suffer. And in that meane tyme Baptista had taken vpon him too prepare the ewer too greate effecte w^{ch} did not succede well in the great woorkes. And also George Woolfe had taken vpon him to prepare the ewer too melte easely wth out any adetaments in the greate woorkes w^{ch} did not succede well.

The fourthe of Decemb' Jonas, wth danger of his lyffe, throughe the smoke, had molten doune the secounde hundrethe weight of ewer w^{ch} provyd as the fyrst hundreth did better then xlvi. the tonne in pure golde as was certyfyed to Her Ma^{ties} Councill by Ire of Sr Winter and other Commissioners, whoe sawe the prooffes made, but still remayned more gold in the slags whiche Jonas sayd onely the great woorkes must bringe owt.

And hearevpon Jonas hade his patente graunted too him, he promised too delyver at the leaste halfe oz. golde in everye hundrethe weight, w^{ch} ys tenn oz. tonn and allsoo hoaped too cleare all chardgs of the workinge and yf he did better yt should bee their proffitt and his credit. And thearevpon hee should have gonne to Brystowe too have builded the furnaces theire for the greate woorkes.

Butt the syxte of Decemb' the Lords weare not yet well satisfied wth this seconnde prooffe made because of the remayners in the slags w^{ch} was enformed coolde not bee gotten owtt, butt chiefly they beleaved nothinge that was donne because the goldsmithes and goldefyners of London and manye other namyd counynge menn had made many prooffes of the ewer and could fynde noe whitt of goolde therein, and therefore they vouched too the Councill that theare was noe whitt of gold in this ewer vpen gage of their lyffe and goodes.

And vppon the arryvall of Mr. Furbusher at the Coorte returned from Brystowe, the seventhe of Decemb' he stayed the woorkes of Brystowe and turned yt too farther prooffe too bee made at London, wherefore yt was thought good too have conference therein wth Mr. Burcott, whose doings shall appere in articles a parte.

The tenth Decemb', Jonas was browght too conference wth Mr. Bur-

cott, and wthin iij or iiij dayes he dislyked the dealinge of Mr. Burcott boethe for his evell manners and allso his ignorannce in divers points of the works and handelynge of this ewer soo as as woold not anye more deale wth him.

The syxetenthe Decemb' Jonas wth Mr. Furbusher and Mr. Locke ryde too diuers placs too see water mills, for the workeinge of the ewer. And at Deartforde Jonas lyked the mills best of all others for the comodious water and place.

The twelfte of Januarye vpon newe comission too proceed in the great works, wee went again too Dertforde, wth Jonas and Henricke, the mason, and Sebastian, the carpenter, whoe was then newe come too London, and measured owte the platt of grownd for erection of the buildings and furnacs.

The fowertenth Januarye Jonas delyuered too all the Comissioners a platt drawn by him of all the buildings of the howsse and mills and furnasces w^{ch} was well lyked. But uppon newe conference wth the workemen yt was founde that the tyme woold bee soo longe in the buildings, that yf that should be taryed for the money it woold be too late too sett owt a newe voyadg this yeare.

The 21 dict. Mr. Furbusher devised that x tonn of ewer shoold be molten at Keswicke for the expedicon of the tryall.

The 22 dict. Jonas alleadged manye lacks theare and the Comissioners sawe great coaste and longe tyme hanginge theare one allso soo that Jonas offeryd too make a theird great prooffe at London of a toonn by cc weight at a tyme w^{ch} shoold suffice for a tryall of all w^{ch} was well lyked.

And the 23 daye Jonas gave informacon of certaine merkesytes too melt the ewer wth all w^{ch} Denham or Coole shoold have sought abroad.

The 23 sayd John Baptista made offer of a newe great prooffe too be wrought wth a winde furnace, whearevpon he had a c weight of ewer but yt succeeded not well.

The 30 of Januarye John Broed at Crepelgate had cc ewer too make prooffe w^{ch} did succceed well.

The 12 of Februarye Jonas did melt doune cc of the ewer for his theird prooffe at the howsse of St W^m. Winter wth great danger of his lyffe thoroughe the smoke, and at the second tyme of the mealtinge thereof The 18 Februarye yt succceeded verye well in presens of the Comissioners, found oz. 6½ of silver and goold myxt, wheareof oz. 3½ was perfytted and brought 1 qr. of oz. of fyne golde and oz. 3½ of fyne sylver, the rest of the oz. 6½ of silver mixt was sonke intoo the test becavse the test was not drye made thoroughe the hast of tyme and much gold remayned in the slegs.

All the doings of Jonas from the tyme too tyme was donn openly, and Mr. Furbusher caryed all the secrets thereof too Mr. Burcott, too healpe him, and all Mr. Burcott doings was in secrett, soo as nonn knoweth yt but him selfe.

THE DOINGS OF MR. BURCOTT IN THE NEWE MYNES OF GOLDE.

Mr. Burcott had delyvered too him certaine smale peces of ewer in Novemb' 1577, whereof he made sayes and proffes and founde golde therein as Jonas had donne before.

The 9 Decemb' 1577, Mr. Locke and Mr. Furbusher brought lres from Mr. Secrytarye Walsingham vntoo Mr. Burcott and delyvered them too him, and had suche conference wth him therevpon that Mr. Burcott grew too full promes too delyver halfe a oz. of fyne gold out of everye hundreth of the ewer vppon certaine condicions sett doune in wrytinge, w^{ch} condicions was sertyfied too Mr. Secrytarye who dislyked of them.

The 10 Decemb' Jonas was brought too conference wth Burcott and w^{thin} iij or iiij dayes he dislyked the dealinges of Mr. Burcott boethe for his evell manners and ignorance in diuers points of the workes and handelynge of the ewer soo as he woold nott anye more deale wth him.

In fewe dayes afterwards when Mr. Burcott sawe that wee did cleave still too Jonas dooings and made little accompt of his doings he made great styre of his owne cunninge and soo wrought wth Mr. Furbusher that he cam too bee harde againe and putt him selfe too the consideracon of Her Ma^{tie} and Councell, and vouched too warrant the ewer too hold soo muche gold as ys sayd and too gage his lande, goods, and lyffe for the delyverye thereof whereby he was credited and the matter lyked.

The 20 Decemb' Mr. Furbusher woold that Mr. Burcott shoulde melt a c of ewer in Jonas furnace as Sr W^m Winters howsse, w^{ch} Jonas woold not suffer, therefore he willed Jonas too pull doune the secrets of his furnace that Burcott might build a new after his manner, w^{ch} Jonas did soo.

The 20th Januarye, or their about, Robert Denham told Mr. Locke that he had a peace of strange ewer, w^{ch} he proved too doo muche good in the meltinge of our ewer and that he had yt from Mr. Burcotts housse by his man w^{ch} Mr. Burcott knewe not of, and shortly after, when Mr. Lock sawe yt in his howse, of Denham, he sayd yt was yt and that he had made prooffe thereof too hold syluer, copper, and leade, &c., that Mr. Burcott called yt ewer of antymonie, &c., and had sayd too him that yt held noe manner of mettell at all.

And Mr. Furbusher told Mr. Locke that Mr. Burcott sayed that Jonas bellowes laye too hie, & that yt should lye lowe too blowe right into the hole on the fore parte, and in fewe days afterwards he sayd againe that Mr. Burcott woold have the bellowes lye more then a fote aboute the hole as Jonas bellowes did lye.

Alsoo afterwards, Mr. Furbusher did shewe too Mr. Locke a paper platt, made by Mr. Burcott, of the furnace that he woold have wth a pott by yt. And nowe, at the 20 February, he shewed an other platt thereof made cleane contrarye too the first, but even iust the coppie of the plate of the furnaces, wheorwth Jonas doethe woorke.

The 21 Februarye, Mr. Burcot shewed too the Commissioners and too my Lorde Treasurer, his proofes made of $\frac{1}{2}$ ounce of gold and 2 ounces & $\frac{1}{2}$ siluer, in one c of ewer, but the same was melted in potts wth adbitaments by halfe pounds in a pott w^{ch} is not the order of the great works, nor noe man but him selfe knoweth wate he puts in his adbitaments.

And also he shewed a peace of antimonnye ewer vouching that there in was noe manner of mettal, but a prooffe thereof was made by the Commissioners one the 23 daye, and they founde therein boethe siluer. 30 ounces in a toon, and some copper, and verye muche leade.

And Mr. Burcott sayed that wth out that antimonnye ewer he would not stand to his former promys of the golde and siluer too be deliuered. And Denham saythe that Burcott did not knowe of the mettralis that are in that antymonie ewer vntill Thursday, beinge the 20 Februarye, when as he tolde yt too Burcott, and was the mann that did first fynde yt too bee soo by his owne tryalls.

And Mr. Burcott was ignorant of the weight of gold and sylyer accounted after xxxiii too a penny weight, and xxxiii penny weight too the ounce vntill that Denham did shewe him his erreur therein.

And yt is manyfest that Burcott was more ignorant then Jonas in the knowledge of the nature and workinge of this ewer: for him selfe Burcott doeth confesse that he hathe made more then sixtye varye wayes of tryall thereof, and yet is not well satisfied therein: but Jonas hathe made onely syxe proffs thereof, and those after the order of the greate works.

[*Colonial 82. Domestic Eliz., cxiij, No. 44.*]

FEBRUARY 19, 1577. FROM DOCTOR BURCHARD TO MR. SECRETARY
WALSINGHAM TOUCHINGE THE NORTH-WEST OWRE.

Your Honore remember what appoumentement you mayd wth me in my house and what promysse I mayde you. I have done so and moltine doune a hundred weight and a pound, and I have the proves to show you to save your Honores credyte and my honestye, therefore appounte the day and ower to ride to Detforthe to bring me ther to gyve me your Honores countenance in the first enterpryce, for yf you do not go I will not go that all worke mene and so many off the comysioners as yt shall please you: to se and here oure determynacon and show suche things as I have and cane do before them all for I esteame your Honore and credytt as moche as my owne lyffe, and I doute yf I cane ryde ytt wthout a horse lytter, and yet I know of no cassye horse. And yf your Honore will humble your selfe so muche and yett come ower or twane before we departs out off Lond^{on} bothe the patrone off the meltinge house :

you and me that my doinges be not onely wordes butt deeds. So God increase your Honore in health. Datum the xix off February 1577.

Your humble to comand,

Burchard Kranrych.

To his Honorable and very good frend Sr Frauncis Walsingame,
Secretary to the Quenes Heighnes.
Delyver this.

[*Colonial 84. Domestic Eliz., cxxx, No. 52.*]

FEBRUARY 21, 1577. A DECLARATION OF THE VALUE OF THE NORTH-WEST EWRE BOTH FOR GOLD AND SILVER BY PROOFS THEREOF MADE BY DR. BURCOT.

My dutie done in most humble maner. It maye please yo^r Honor to be advertized that Burchart hathe fynished and certefied two proffes of the gold ewer, wherof one was of *li* we^{it}, and thother of one c we^{it}. Dennam hathe bene thonly man that he hathe admytted to be present and privie wth him in the seid proffes, and the same Dennam hathe bene the fyar workman therof, and by vouchem^t of them two ye same falle out as folowth:

That proffe of the <i>li</i> we ^{it} holdithe in silver	. . . . .	xxi gr.
And in golde	. . . . .	iii gr.
W ^{ch} is vii parts silver and an viii th parte gold		
After that rate i c we ^{it} holdithe in silver	. . . . .	iiii oz. dr. viii ^d we ^{it}
And in gold	. . . . .	xiii ^d we ^{it}
And after the same rate the tonne holdithe in silver	. . . . .	xxxviii oz.
And in gold	. . . . .	xiii oz.
So the silver of a tonne at v ^s ii ^d the oz. am th to	. . . . .	xxv ^{li} vi ^s iii ^d
And the gold at lix ^s viii ^d the oz. amountithe to	. . . . .	xli ^{li} xv ^s iii ^d
		Sum lxvii ^{li} xx ^d
That proffe of the c we ^{it} holdithe in silver,	. . . . .	ii oz. dr. i ^d we ^{it} vi gr
And in gold	. . . . .	xiii ^d we ^{it} drs.
W ^{ch} is nere about iiiii parts silver and a v th parte gold		
After that rate the tonne holdithe in silver	. . . . .	li oz. v ^d we ^{it}
And in gold	. . . . .	xiii oz. dr.
So the silver of a tonne amountithe to	. . . . .	xiii ^{li} iii ^s ix ^d
And the gold of the same to	. . . . .	xli ^{li} v ^s vi ^d
		Sum liii ^{li} x ^s iii ^d

So a tonne answerable to the proffe made of the *li* we^{it} ys richer then that of the c we^{it} by xiii^{li} xi^s v^d.

[*Colonial 85. Domestic Elis., cxxii, No. 61.*]

FEBRUARY 27, 1577. FROM D. BURCOTT TOUCHYNGE HIS
CUNYNGE AND OFFER ABOUT TRYNGE THE EWRE.

My humble comendacons as I am informed that your Honore and the rest be displeasid wth me as thoughe I had mayd a false prove, w^{ch} I will stand to the contrary to deathe and lyffe that yt is as I have sent onto you, therefore I have done yt wth my owne hand, and cane do yt agayne save the last quarter w^{ch} Dennan hathe moltine doune, and brought yt in agood way after the rayte, and in the dryvinge utterly mared yt for ingnorance and unskylfulnes; yt was in the night when I cold not be at yt, and I wold not trust him further and I mayd that quarter good after the rayte I sent, as for the detymente yt hathe layd this ten yeare in my house and were my invension to melt yt the easier and the soner, and ther is not so moche sylver in yt as you are informed you for the ower is sufficient in him selfe to augement your Honore and save my credytt because yt is comed to suche an exclamation agaynest my honestie and deface me wthout acause I will make my selfe cleare, let my have delyvered out of hand in hast to hundred weight be brought in my house of that ower, and ij honest men and not false men to see the rostinge, be cause I have fornace mete for yt, and in the meane tyme when yt is in rostinge I will ryde to the Tower-hill by your comandement to mend Jonas fornace, or to make an new one, that will serve me, and lett thes ij sworne men carrye the ower to the Tower when yt is rosted and see yt moltine doune and purifyed as I have sent you; and lett me have althings nessessarye; and yf yt please you and Sir Will'm Wynter may be the men appouinted to do yt, and Dennan be the workeman because he is the causer of this exclamation as I cane tell you previllie, when your Honore please betwne you and me you shall here the very trothe. And yf I do not prove yt trewly comed out then take my body and goods to your owne pleasure, and Jonas nor the captaynes, nor any of ther confederats shall not come nye me, but them whome you please, for yf Jonas had any couninge yt had longe since appered; therefore he shall learne nothings of me untill yt be knowen that I am aperfytt master above them all. Datum the xxvii of February. God encrease your Honore.

This prove wilbe done out of hand after yt is rosted, havinge all things necessary prepared. Appouint atyme when you will and I will come to you.

Yo^r humble to comand,

Burchard Kranrych.

To the Honorable Sir Fraunces Walsingame, Knight,

Secretary to the Quenes Ma^{tie}, my singuler and very frend,

[*Colonial, 92. Domestic Eliz., cxxiii, No. 7.*]

11 MARCH, 1577. TO THE LORD TREASURER AND LORD
CHAMBERLAYNE ABOUT THE NORTH-WEST VIAGE.

My verie good Lordes, Hir Ma^{tie} havynge been made acquainted wth the certificats sent lately from the Commissioners appoynted to surveighe the sondrie proffs and trials made of the north-west ewre, and understanding therby to hir good contentation that the richness of that earth is like to fall owt to a good reaconyng is well pleased that a third viage be taken in hand the plotte wherof consisteth chiefly in these two poynts, to witte, the charges of the shipping outwards and some provision to be made for a 100men to inhabite in those north-west partes; what the whole charges of these two matters will amount to yo^r Lordships may perceave by that their bearers Mr. Ffurbesher and Mr. Locke will shew you in writyng and otherwise by word. I have allreadie acquainted my Lord of Leceister how m^{ch}: and yf it might please yo^r Lordships to send yo^r opinions of the two sayd points I would after impart it further to others of my Lords and the Councell to thend that all their advises beyng had hir Ma^{tie} may grow to some resolution for this newe and third viage and so order accordingly be given for warrant of hir owne part and other men's likewise that be adventurers in this matter.

[*Colonial, 90. Domestic, Eliz., cxxiii, No. 5.*]

THE ACCOMPT TAKEN AT MOSKOVIE HOUSE THE VIIJTH OF MARCH
1577, OF CC WEIGHT OF Y^e EWRE BROUGHT BY MR. FFORBISHER
MOLTON AND TRIED BY JONAS SHUTTZ AN ALMAINE ADSISTED
BY IJJ ENGLISHMEN, VIZ., HUMFREY COLE JOHN BRODE AND
ROBERT DENHAM.

Of the said cc weight of ewre so molton and tryed as aforesayd there proceeded in silver vj oz. vij ^d weight xij graines di, w ^{ch} valued at v ^s the oz. maketh in money	xxxj ^s x ^d ob.
And of the same ewre proceeded in gold v ^d weight v graines w ^{ch} at iij ^s the penny weight maketh in money	xv ^s vij ^d ob.
Sum, xlvijs vjd.	
So at that rate j c weight of the said ewre will make in money	xxiij ^s ix ^d
And a toone of the said ewre by like accompt will make in money	xxiij ^{li} xv ^s

The charges of getting and fetting the said ewre into the realme as by particulers delivered by Mr. Ffrobiser doth appere will not excede the tonne . viij^{li}
 So uppon view of this accompt for every viij^{li} defrayed the venturers shall gaine vth w^{ch} ariseth uppon every hundred poundes above . lx^{li}

W. Wyntar
 Edward Dyer
 Martin Frobiser
 Rich. Young
 Mathew Field
 Edmond Hogan
 Michael Lok
 Andrew Palmer

The charge for furnishing shippes for this next voyage as followeth :—

The charge to furnish iiij or v shippes wth 120 men, viz., solidiors, mynars, smithes, carpenters, and other men of necessarie occupacions and to bring home viij^o tonne of ewre as appeareth by particulers therof delivered by Mr. Ffrobisher will amount to vj^{ml} iiij^o

Wherof must be defrayed presently for the furniture nowe owtward thone moytie or els this yeres voyage wilbe lost, viz. iij^m ij^o li.

And at the retorne of the shippes must be payed other iij^m ij^o li.

Ffor the provision of w^{ch} money a levie must be made amonge thadventurers after such rate that every one of them w^{ch} did before adventure j^o li. must now put in j^o xxx^{li} the moytie therof to be payed forthwith. And the other moytie to be readie against the retorne of the shippes to clere the freight and men's wages.

STATE PAPERS CONCERNING THE TRIALL OF THE
EWR PREVIOUS TO THE THIRD VOYAGE.

- I. MEMORANDUM FROM MY LORDS TO THE WARDEN OF THE MYNT TOUCHING THE ORE.
- II. FROM MR. FENTON ON THE UNLADYNGE OF THE ORE AND DR. DODDYNGS REPORT ON THE SICKNESS AND DEATH OF THE MAN BROUGHT BY CAPT. PROBISHER FROM THE NORTH-WEST, AND OF THE NATURE OF THE WOMAN OF THAT COUNTRY YET LIVINGE.
- III. FROM MR. LOCKE WHAT THE GOODNESS OF ORE IS DECLARED.
- IV. FROM SIR W. WYNTER TOUCHYNGE THE GOOLD ORE.
- V. FROM JONAS SCHUTZ ON THE SAME.
- VI. FROM DR. BURCOT ON THE SAME.
- VII. FROM M. LOK OF JONAS NEW METHOD OF TRIALS.
- VIII. A NOTE OF ALL SUCH CHARGES IN MELTYNGE DOWN THE OWRE.
- IX. AGNELL ON THE TRIAL OF THE ORE.
- X. A NOTE OF CHARGE FOR THE TRIALL OF ONE TONNE OF THE NORTHWEST ORE.
- XI. FROM MR. FENTON, WHAT SUCCESSE HE HATHE IN TRAVELINGE TO GET OWRE IN THE WEST COUNTRIE.
- XII. A COUNT MADE OF XC. OF ORE MELTYD AT DARTFORDE.
- XIII. A NOTE OF THE VALUE OF 200 WEIT OF OARE GOTTEN IN THE COUNTEESSE OF WARWICKS ILANDE.

STATE PAPERS CONCERNING THE TRIALL OF THE
EWR PREVIOUS TO THE THIRD VOYAGE.

[*Colonial*, 56. *Domestic Eliz.*, cxvi. No. 25.]

OCTOBER 17, 1577. M^m FROM MY LORDS TO THE WARDEN AND
WOORKMASTER OF THE MYNT TOVCHYNGE THE ORE BROUGHT
OWT OF THE NORTH-WEST.

After our hartie commendacions. The Queenes Ma^{ties} pleasure is that certain oore brought into this realme by our loving frend Martin Ffurbusher, gent. out of the north-west partes, shalbe caryed into the Tower and layd in some convenyent place by you to be appointed for that purpos, the said oore to be by him delyvered unto you by weight and so by you receaved. And further that to the doare of the place where the same shall lye there be fower severall lockes and keyes made, whereof the said Ffurbusher to have one, you her heighnes officers two, and Michaell Locke, tresorer of the Company of Adventurers into the said north-west partes, the fourth. Whereof her Ma^{tie} hath appointed us to geve you knowledge to thend you maie take present order therein accordynglie.

And so we bid you ffarewell. Ffrom the Castell of Windesor the the xvjth of October 1577.

Your loving friudes,
[no signatures.]

And further yt is meant yt you shall from tyme to tyme make dellyverye of the seyde ore to be melted downe accordyngley as you shall be dyrected by the commysyoners by us deputed to have the oversyght of the seid meltyng.

Ric. Martin, Warden of the Mint. (Blank) Samson, worckmaster of the same.

[*Colonial, 59. Domestic Eliz., cxviiij. No. 40.*]

25 NOVEMB. 1577. FROM MR. EDWARD FENTON. OF THE UNLADYN OF THE OORE IN THE AYD AND GABRIELL, AND HOW MANIE TOONES OF THE SAYD OORE IS IN ETHER OF THE SAYD VESSELS. TO HAVE ORDER FOR THE DISCHARGE OF THE MARINERS AND UNRIGGINGE THE SAYD VESSELS.

My dutie to yo^r hono^r most humblie used. Receaving letters from my Generall the vijth of this instante to make deliverie of such oore as remayned in the *Ayde* and the *Gabriell*, whereof I had charge wth letters in like manner from yo^r ho^r and others of her Ma^{ties} counsoll directed to Sr Richarde Barkely, Knight, Hugh Smith, Esquier, and the Maior of Bristol w^{ch} I presentlie sent unto them notwithstanding they mett not about the receipte thereof till the xiiijth daye of this instante (by reason Sr Richard Barkely was employed elsewhere in her Ma^{ties} service) Sithens w^{ch} time they have wth care and diligence attended that service and have now in effect ended the same saving that a little porcion of oore founde in removing of the caske[s] in the *Ayde* is not yet weighed, but wilbe furthwth dispatched. The quantitie of the oore in the *Ayde* (I suppose) wilbe nigh 124 toones. And in the barke *Gabriell* 16 toones rdⁱ. All w^{ch} is saffellie bestowed in the castell of Bristol according to order appointed therin. Thus much having so conveniente a messenger I thought good to ymparte wth yo^r honor beseching the same to further the dispatch of all such persons as have served in this action, whose service now rather is chargeful to her Ma^{tie} and other thadventurers then liking or beneficeall to them selves. Wherof the gentlemen employed in that action (and attending heare thies ij moneths to small purpose) is greatlie charged by the same whose good government in this service both before and sithence their cominge hither on lande deserves (in myne opinion) at her Ma^{ties} handes bothe favo^r and recompence for so greate vertues showed in so honorable an action wherin yo^r honors good favo^r and furtherance is chieflie to be craved for their comforts in the same. And am (amongeste the rest speciallie) to recommende this gentleman and bearer Mr. Carew to yo^r honors favo^r and countenance whose readinesse wisdome and good government in this service deserves greate commendacion and rather to be employed wth charge then to serve as now he hath donne w^{ch} I humblie besech yo^u to consider of hereafter for his better advauncemente and credit; no lesse (I suppose) my Generall will deliver of him for his desertes (w^{thout} flatterin) doth thus much challenges me to reaporte unto yo^r honor having well marked his behavior in this service. It were to good purpose order were taken for the unrigginge of the shippes (if heare they shall remayne) for wante wherof their tackle and other thinges grow to dekaie w^{ch} would be saved if

order were taken what should be done in the same: Besides the superfluous mariners and others now attending would be discharged w^{ch} if it had been performed vij weekes agoo had saved greate charges and been to verie good purpose. All w^{ch} I committ to be delt in as shall seeme beste to yo^r honor craving pardon for my boldnesse do praye daielie to thalmightie to bless you in all yo^r honorable actions and sende yo^u much increase of honor. From Brystoll the xxvth of November 1577.

Yo^r honors most humble to commaunde,

Edward Fenton.

Postscript.—I am bolde to sende unto yo^r honor hereinclosed the opinion of Mr. Doctor Dodding towching the death of the man we brought over wth us who often visited him in the time of his sicknes.

To the honorable my verie good frinde Frauncis Walsingham, Esquier, principall secreatarie to her Ma^{tie} and one of her highnes privie counsaill at the Co^{rte}.

[*Colonial 59. Domestic Elis. cxviii. No. 40, i.*]

DOCTOR DODDYNGS REPORT OF THE SICKNESSE AND DEATH OF THE MAN AT BRISTOLL W^o CAPT. FURBISHER BROUGHT FROM THE NORTH-WEST: AND OF THE NATURE OF THE WOMAN OF THAT CONTRIE YET LIVYNGE.

In cadaveris dissecti latore sinistro, primum sese michi inspiciendæ obtulerunt costæ duæ (casus vi et impetu quando capiebatur) præfractæ dehiscentes adhuc, nec invicem agglutinatæ: quarum cura (uti in tam turbulentissimis temporibus rerumque navalium angustiis usu venire solet) vel neglecta, vel (quod potius suspicor) morbus a nemine perceptus inflammationem concitaverat: et pulmonis contusio (temporis progressu) putredinem itidem contraxerat: quibus libere indies serpentibus, cum per frigoris externi injuriam commotis tum per malam victus rationem auctis, nec tamen per artem chirurgicam exterius interim emendatis neque per medicamenta interius retusis in pulmonis ulcus insanabile precepe. Ruebat et ingruebat malum puris putrefacti affluentia maxima ejusdem materia viscida et tenaci, ita pulmonis pars sinistra undique scatebat ut nihil omnino per omne morbi tempus expuerit et anhelitus fere retentus est constrictus, huc accedebat natura morbi infestantis furore admodum debilitata: liberior apud nos victus ratio quam aut hujus morbi fert malitia aut hominis fortassis consuetudo quotidiana patiebatur, quod summa ducis summi cura liberalitasque immensa eorum apud quos divertebat effecerat: deceptis omnibus opinione potius morbo latilate et indulgentia stulta quam malevolentia, sed cum asthma paulo ante mortem, morbus iste haud obscure simili-

tudine expressit, tum ab hydropē non omnino immunis erat : in thoracis enim spacio sinistro ingens aquæ opia et abundantia (qualis a perspicacibus et industriis anatomicis raro visitur) conspiciebatur fluitare ; hæc moto corpore (uti rei eventus fidem fecit) agitabatur, et pulmonis expirationem impediēbat, pulmo denique ipse costis firmiter quam quisquam putaret hærebat. Cerebri vulnerati apostematique (ut ita loquar) præter surditatem doloremque capitis intensissimum (quibus nunquam non affligēbatur) signa infinita extant et emergunt apertissima quæ nunc silentio (ne sim prolixior) sunt involvenda, quod leni minutissimo detraxerat natura justæ molis id stomacho capacissimo adjecisse visa est cum fœnore qui aqua refertus et distentus multo major quam nostrorum hominum propter insanabilem (credo) ingluviem apparebat. In cæteris partibus Anglium diceres metum in quo a primo ejus adventu erat quamvis vultus hilarior et simulatus non mediocri arte occultabat et ementiebatur, tamen gestus ipsius (sigillatim singula penitus introspiciente me et suspicante omnia) vel eundem aperte prodiderunt det exeruntque vel morbum letale (quod sæpius sed surdis cecini) præ sagiverunt impendentem, quæ ex pulsibus dilucidiora quam ex ipso innouerunt et confirmabatur qui semper minores tardiores et debiliores, quam rariores extiterunt, et rariores tamen quam aut etas juvenilis, aut temperatura ejus biliosa eflagitabat. priori morbi insultu, cum vires adhuc integre essent accersitus sanguinis missionem magna contentione suadebam, quo et inflammationis aculei extincti, et materia diminuta jacerent : sed vetuit viri barbari, barbara nimis, insulsaque timiditas, et eorum consilium quibuscum una navigabat, apud me prævaluit. Denique ea hora vocatus quæ proxime horam præcessit in qua de vita disciscit reperi cuncta mortem brevi minitantiā, nimirum, interruptam fereque omnino abscissam loquelam dejectum appetitum, pulsus nullum, Quid multa! Vires omnes facultatesque prostratas prorsus aliquantulum recreatus ad se quasi e somno profundo redit nosque ejus familiares agnovit. animadverti sed medicamento, et verba nostra quæ ediscerat pauca ut potuit, eloquebatur vicissimque ad interrogata respondit satis apposite, cantelemque eandem (uti referunt qui utramque audiverant) clare cecinit, qua astantes in littore ejus loci atque ordinis socii ultimum ipsius discessum vel deplorabant vel celebrabant. Haud aliter atque cigni qui providentes quid in morte sit boni cum cantu et voluptate moriuntur, sed vix discesseram quando vitam cum morte commutaverat ; in hæc ultima et nostra lingua edita virumpens verba ' Deus sit vobiscum.'

Angebar et vehementer dolebam non tam ipsius morte quam quod reginæ nostræ serenissimæ spes tanta ejus videndi quasi e manibus nunc secundo exciderat. At mœrore multo majore afficiuntur hujus novi honoris solidique heroes vere Herculei tanquam exantlati laboris premiis et spoliis spoliati quos jure optimo (dicam enim quod senceo) manet a nobis observantia summa, qui itinera hæc marittima, devia ea quidem aspera et plane ante hoc tempus inaccessa magnis suis sumpti-

bus laboribus periculis majore regni et posteritatis commodo maxima suorum nominum gloria superarunt et apperuerunt quod si uti acciperit, successerit, ut eadem facilitate has regni et reipublica animas nervosque (sic enim a philosophis non inscite appellantur divitiæ) qua consequuti sumus, retineamus, nec priusquam accipiamus, ingratitude nostra amittamus (quid enim aliud metuum non video) quid retribuamus Domino pro omnibus quæ tribuit nobis ab externis regibus nil speremus boni quia non volunt, nil metuamus mali, quia non audent. Verum non eo hæc dico quo quenquam in peccatorum sordibus delitescentem in utramque aurem dormire suadeam, sed ut amorem sigillatim singulos ab improbitate, et adigam ad res divinas universim omnes acrius celebrandas: quid enim dici cogitarive potest absurdius quam cum Deus optimus maximus sit ad dandum promptior et paratior nos ad promerendum simus tardiores. Attamen semper erit illa Dei veri, vera vox agnoscenda non quia tu dignus sed quia mitis ego. Si incantantium futilia fictiliaque præcaria, ceremonisæque inertes et ludinæ in morbis profligandis quicquam potuissent, hic profecto (dum in vivis esset) 'Calichoughe' (namque hoc ei nomen erat) eosdem pullulantes ut hydras amputasset et profligasset etenim hoc nemo fuit in hac arte exercitator, nemo in ipsa superstitione (ni fallor) confidentior: qui tot incantationes usurpavit, quot dolorum termina emergerunt Mulieri laboranti tum e morbillis (qui postridie, quando hæc scripta sunt effloruerunt in cute frequentissimi) cadaver ostendi, unaque (meo suavis) ad sepulturam (quam nulla solemnitate de industria peractam esse volui, ne qua horror ei injiceretur de hominibus apud nos sacrificandis) licet invita, adducta est: ibique tamdiu detenta, donec terra undique coopertum esset cadaver: ossa humana ostendi effossa, fecique ut intelligeret omnes nos eodem modo esse inhumandos, quo omnem ex animo de humana carne comedenda (quæ in ipsis altis radices egerat) adimerem scrupum: ipsaque timorem deinceps deponere disceret. Sed ista aut prudentia et patientia homines omnes nostros exuperat mulier, aut ab ipsis brutis animantibus longe superatur humanitate, qua nihil omnino ejus morte commota est, neque eam (quantum ex vultu intelleximus) ægre tulit: ita ut hoc postremo ejus facto manifestius expresserit id quod longe antea conjecturis assequuti sumus, illum præ se mirum in modum contempsisse, et quamvis in uno eodemque lecto somnum capere solebat præter colloquia tamen nihil inter eos intercessisse, amplexus ejus abhorruisse. Vale. *Bristolis 8º Novembris.*

Tuus uti scis,

Edwardus Doddinge.

Si nihil infesti durus vidisset Ulisses
Felix Penelope, sed sine laude foret.

[*Colonial Post Office*, 37. *Domestic*, cxviii, No. 36.]

23RD OF NOVEMBER, 1577. FROM MR. NICH. LOCKE. WHAT
THE GOODNESS OF THE GOLD ORE IS DECLARED.

Right honorable,—According to yo^r letter sent me by Mr. Watterhous, I have had confereus wth hym, and I have told hym my best oppynyon playnly, and I wyll furder that matter the best I can and wyll joyne wth you therein for a part, yf it please you, w^{ch} I hartely pray you.

The tryall of the ore brought home by Mr. Furbusher, moche paynes and labour hath passed of late agayne, yet it is not brought to perfection, the iij workmasters cannot yet agree togethers, eche is jelous of other to be put out of the work and thereby lothe to shew their conynges or to use effectuall confereus; but amongst them all we doo very playnly see and fynd that the ure is very ryche, and the worst of all their doynge wyll yeld better then x^{li} a ton, clere of charges. This is assuredly trew, w^{ch} may suffyse to embrace the enterpryse. And w^{ch} in few dayes yo^r honor shalbe better certyfyed of better matter herein when we have made better lykynge betwene the workmasters. And thus I comytt yo^r h. to the tuition of almighty God. From London, this xxij Novembor, 1577.

Yo^r h. most bounden,
Michael Lok.

[*Colonial Post Office*, 38. *Domestic*, cxviii, No. 39.]

NOV. 26TH, 1577. FROM SIR WILLIAM WINTER, TOUCHYNGE
THE GOLD ORE WHAT IT WILL YIELD.

Mr. Furbusher beyng bounde towardes Bristowe for the discharginge of the maryners and takinge of order for the ships and ther furneture w^{ch} remayneth ther, hath been enforced to staie some what longer then willingly he would have don frome the doynge of these things before this tyme, because he hath had a desier that w^{ch} his travaile and others in comysson tochinge this matter of the oore that he and they nowght have understanded what certaine accompt was to be made of the said oore to thend yo^r honor, and the rest of her Highnes counsaile myght have been perfatly informed. What hath ben don hether to Mr. Furbusher will do yo^r honor to wyet. And albe hit the oore in reporte do not appiere to be of the vallew w^{ch} hath ben looked for, yet yf the workmen be to belyved who offereth ther lieves to performe that w^{ch} they have set downe w^{ch} ther handes, the commodittie is suche as maye content resonable myendes, for my owne oppynyon I beleve hit will

fawll ow^t better than the woorkemen hathe set hit doune, and that it maye so come to pase I will use all the travaile I cane possible; not so muche for my pryvate gayne (trowly) as in respect of the Q. Ma^{tie} that her highnes good hoepe be not made frustrate, and yet I dow^t not but you beleve I ame worse able to beare a lose than her Ma^{tie} is. And thus most humbly takinge my leave, I rest, prainge God to kepe yow in helthe. Tower Hill, the xxvth of November, 1577.

Yo^r honors ever to comawnde,

W. Wynter.

[*Colonial*, 60. *Domestic Eliz.*, cxviii, No. 41.]

NOVEMBER 25TH, 1577. FROM JONAS SCHUTZ TOUCHING THE GOULD OORE.

Righte honorable Mr. Secretarye Walsingham, my humble dutie premysed. These maye signifie unto youre honnoure that wheras I have bene by order from the Quenes Majestie and her most honorable consail appointed to trye the ore brought into the realme by Maister Captaine Ffrobysher. Nowe, so it is that I have bene visited with sicknes and ame as yt weake, so that I have not bene able to accomlishe my dutie in tryall thereof, accordinge to my comysion. And nowe, havinge recovered somewhat of my disease, I entende by the grace of God to finishe the profe therof. And whearas I dyde promyse before youre honnoure halfe a nowce, I doo not mys dowte thereof. And yf the nexte doth fall any better which I ame in good hope then shall it be showed to youre honnoure, and accordingelie one Saturdaye next to bringe a sample therof to the courte. Thus muche I thoughte it my dutie to signifie unto youre honnoure. And so leavinge to trowble yo^u further, I reste prayinge the Almightye God to protecte yo^u. Ffrome the howsse of Johne Nighelson, scituat in Easte Smythfeilde, the xxvth daye of November, A^o 1577.

Yours humble servaunte to commaunde,

Jonnas Schütz.

Too the righte honorable Mr. Secretarie Walsinghame, one of the Quenes Majestie previe consail.

[*Colonial* 62. *Domestic Eliz.*, cxviii, No. 43.]

NOV^R 26TH 1577. FROM D^R BURCOT: WHAT HE THINCKETH THE GOULD OORE WILL YEELD BY THE TONNE.

After most hartie and humble commendacions. Whereas the Queenes Ma^{tie} (as I perceave by yo^r honors lettres) hathe required me to make an

assaye and to shewe my judgmt in that ooyre w^{ch} Captayne Ffurbysher brought into this lande, the truthe ys, I have so donne, and I desire yo^r hono^r to advertize her highnes that I have assayed and proved yt to the uttermost by dyvers and sundry assayes, and fynde not therein suche greate ryches as ys spoken and reported of. But the truthe ys, I have founde that in an hundred weight there ys half an onze of golde in the blacke ooyre that ys x ounces yn a tonne. Also, I fynde one other redd ooyre bearinge twoo ounces in an hundred weight, that ys ffortye ounces in a tonne. And yf the same be well husbanded by a skyllfull and expert man, that blacke oore will yelde in the great fyer half an ounce, and beare the charges of meltinge and puryfenge of yt. I wolde therfore wyshe her highnes to allowe some yeerly consyderacion unto some expert and skyllfull man in the knowledge of myneralles that yf any suche roughe wyeld and forrayne ooyre at any tyme, hereafter happen to come into this lande that he by his true assayes thereof may certyfie her highnes of the juste encrease of the same at his owne charges that thereby her Ma^{tie} and subjectes may not (as heretofore they have bynne) be disceaved by suche vayne and untrue reports. And further that suche skyllfull man maye teache otheres in the same experyence of myneralles yf at any tyme hereafter the like vyage shalbe made for the like or other ooyre whose knoweledge of the travellers maye greatly encrease the commoditye of the viage, whoe by his instruccion in the same knoweledge may learne a brevyate and shorte assaye in the tryall thereof wth out any charges, ffurnys, or other instrument. And that in suche shorte tyme that they maye thereby make xij assayes in an houre, what goodnes ys in suche ooyre, and then to take the good and leave the badd. If age and sycknes did not so oppresse me, but that I were able to travell therein myself, I wolde willinglie bestowe my dyligence in that service. Thus I leave yo^r hono^r to Goddes direction, prayenge for her Ma^{ties} longe and prosperous raigne. Dated this xxvjth of November, 1577.

Yo^r hono^{rs} at commaundem^t,

Burchard Kraurych.

To the Right Woorshipfull Sr Fraunces Walsingham, Knight, Chief Secretary unto the Queenes Ma^{tie}, my singuler good frende gyve these.

[*Colonial*, 63. *Domestic Eliz.*, cxviii, No. 54.]

30 NOVEMBER, 1577. FROM MICHAEL LOK, OF JONAS, NEW MANER OF TRYALLS OF THE GOOLD ORE.

Right honorable. I wrote you a letter vj daies past, w^{ch} I sent by Mr. Furbusher, myndinge at that tyme my self and Jonas to have byn wth yo^r honor at the court this daye. The onely cause of our staye was that Jonas is makinge triall of another order of meltinge to be used in

the grosse worke wherby to melt the ore, wth halfe the charges and tyme of the ordinarie use of the grosse workes, and wth all to receive the fyne gold out of the fyer molten wth out any maner of yron or other matter of the ore to hynder the same, w^{ch} work is already done after one maner in grosse order, and found very good, and by Monday or Tewesday next wilbe also finished after another maner, w^{ch} is also hoped shall fawlle out as good or rather better. And therwthal we will repayre to yo^r honor wth full and perfect resolution of all matters to good lykynge by Gods grace, or on Wednesday to Hampton Court bycause it is nerer. And then, also, I wyll certyfy yo^r honor what I fynd in Sr L. Ducket and Sr R. Heyward, for the matter declared to me by Mr. Waterhowsse this mornyng, accordinge to yo^r letter received then, also of hym who sayethe that he also wilbe wth yo^r honor at the Court on Monday or Tewesday next wth answe^re therof.

That w^{ch} I wrote yo^r honor in my letter sent by Mr. Furbusher touchinge the rychesse of the ure, is very trew. Yt grevethe me to see so moche tyme lost before we begyn to gyve order for the makynge of the furnasses for the grosse work, w^{ch} of necessity must be done before we shall have any goodnes when all is sayed and proved that can be done, I know not wherto to impute the fault, but to a *schisma* growen amonge us commissioners, throughe unbeliefe, or I cannot tell what worse in summe of us, w^{ch} the tyme must open. And thus for this tyme humbly I take my leave and commytt yo^r honor to Godes protection. From London, this 30 November, 1577.

Yo^r honors most bounden,

Michael Lok.

I send this berer, my servant, purposely wth this letter, and yo^r honor maye command hym to retorne at yo^r plesure.

To the right honorable Mr. Francys Walsingham, Chyef Secretarie of the Queenes Ma^{tie}, &c.

Delyvred at the Court.

[*Colonial*, 61. *Domestic Eliz.*, cxviii, No. 42.]

A NOTE OF ALL SUCH CHARGES AS SHALL AMOUNT IN MYLTYNGE
DOWNE THE GOWLD OWRE, AND OTHER CHARGES AS FOL-
OWETH, BY MR. JONAS SHOWTES ACCOUNT.

Inprimis, every toune waight of owre to yeald the somme of .	xxx ^{li}
Item, for the byldynge of the worke howse and furnysses .	iiij ^{cell}
Item, for the charge of xij workemen wykely .	v ^{li}
Item, for cole, wood, fflowshe, and lead, to mylte it doune wykely .	xv ^{li}

o 2

Item, that the sayd Jonas shall trye wth the sayd charges afore
say wykele (j) tone wayte of owre wth shall yeald in fyne
gould the somme of xx ounces
Jonas Schütz.

[*Colonial East Indies*, 69. *Domestic Edic.*, cxix, No. 15.]

AGNELLO ON THE TRIAL OF THE ORE.

Molto Magnifico et honorando Sr mio essellentissimo.

Non voici Sr mio che pensasti ch' io fussi cossi mal crento che attanti che hora non fussi stato el debito mio ad responder alla vostra cortese lettera scrittame di 7 del passato ma la causa è stata ch' io desiderame di rispondemi con qualche sustantia, il che volendo fare son stato forciato di far molte esperienze et prove per conoscer la natura di questa minera portata in questo regno dal Sr Martino Furbisher; ultimamente di poi molte prove fatte ho trovato che bisogna separare la parte sulfurea combustibile con conservatione dell' oro che in essa si sitruova, et più glie necessario separare quanto si puo la parte terrestre, et ancora el ferro che in essa si contiene, il che fatto detta minera sara più facile alla fusione et con maneo spesa, oltra di questo l'oro quale era disperso per minima in gran quantita di terrestreita et materia ferrea, sara redotto più unito ad diversi recuperare et unirsi insieme. El quale effetto penso haver trovato, la qual cosa se pensate possi suplire al desiderio di sua Ma^{ta} me gli oferisco paratissimo. Ma perche intendo che vi sono molti che si proferiscono et fano proforte grande à sua Ma^{ta} io sarsi di opinione che lei dettessi a cottare le loro proferte ch' io per me son di gia vecchio et impotente a durar più fatica et tanto più che questa non è mia professione, per che veramente io non adoperai mai metalli, glie ben vero che essendo io stato sempre desideroso de intendere i secreti de natura ho pensato de intender la natura di questa minera come di sopra ho detto. Non voici pere Sr mio che pensasti ch' io habbi detto questo con intencione di non far piacer et servitio a sua Ma^{ta} quando gli pincera comand . . . le ma l'ho solamente detto per le cause sopra detto. Et cosi facendo fine et pregando l'Altissimo vi conservi et prosperi, gli bascio l'honorata mano. Di Lon. adi 20 di Decemb. del 77.

Tutto al comando di V. S.,

Giovanni Battista Agnello.

[*Colonial East Indies*, No. 64. *Domestic Edic.*, cxix, 8.]

A NOTE OF THE CHARGES REQUISITE FOR THE TRIALL OF ONE
TONNE OF THE NORTH-WEST ORE.

Right honorable,—We have byn longe tyme about the second proovve of the ore, and doo well perceave that this foynace is not great ynough

for the common great workes of the meltinge and to bringe the work to that perfection w^{ch} is desyred, and so moche hathe Jonas said unto us from the begynnyng. And yet wee doo fynd by these two proffes made of e weight of ure apece that the ure hathe in it more then the valew of xl^{li} of money in gold in everie ton weight, after the rate that we fynd and sawe the said two proffes. Also in this meane tyme we have had triall of dyvers maner of workynges made by sundry men for the bettar preparynge of the ure that it might be easye in y^e meltinge to avoyde great charges, and we have had dyvers small prooffes made by them w^{ch} have very good lykinge, but we are not able to say assuredlye what they wyll fawll out in the great worke untill the furnaces be made for the said workes. Thus is moche tyme passed awaye and money spent, and yet our expectation not satisfied. Wherefore we have thoughte good now to drawe this matter to the best end that we can. And upon conferens had wth Jonas (whome we fynd very honest and trew in his doinges, and as our judgement wyll leade us the perfectest workmaster in this art of his profession). We have thus dealt wth hym as folowethe. He sayethe that this here new proved is poore in respect of the pece of ure brought last yere, and of sum other brought this yere, and of that w^{ch} he knowethe may be brought the next yere, and that it is of a strange nature, suche as he is not yet well acquaynted withall; but he doutethe not in the great work, he will learne to knowe it perfectlye. Neverthelesse, beinge, as it is or maye be, he dothe promysse to delyver halfe an once of fyne gold out of everye hundreth weight therof at the worst and least valew, and hopethe also assuredlie to delyver so moche more gold as shall pay all charges of the meltinge and workinge therof, wth an advantage wherein he will use his best endeavour, as well for the servyce of her Ma^{tie} as for his owne credite. And for the reward of his owne labour and industrye, he dothe reserve hym selfe to the good consideration of her Ma^{tie} and yo^r honor wth the rest of the Lordes, desyryng that whatsoever it be he maye be made sure therof duryng his lyffe by her Ma^{ties} letters pattentes before he begyn the great workes in the w^{ch} letters pattentes he is contented ther shalbe a condicion sett downe, that yf he doo not parforme that w^{ch} before is declared that then he wyll take no benefite by that graunt. And he sayethe that he hathe no doubt that in the handlinge of the great workes his doynge shalbe suche as justelye shall deserve to augment his pencyon of lyvinge hereafter whatsoever it shalbe now. And touchinge the ordinarie charges of workinge the ure to perfection, he is not able yet to saye justelye what it wyll amount upon the ton, untill he have made triall therof in the great work; but this much he sayethe that it wylbe under ten poundes the ton, exceptinge the charges of buyldynges of the work-housse and furnaces, and so he wyll warrant it upon forfeiture of his pencyon. And hereupon he repayrethe to the Court to take sum end wth yo^r H., and the rest of the LL., w^{ch} beinge done, he wyll go pre-

sently to Bristow to Mr. Furbusher, wth yo^r good lykynge, to vew a place convenient to erect the workhowse and furnaces, and there to have conferens wth the workmasters that shall erect the same according to the plat, that he wyll gyve them the charges wherof he cannot judge wth out conferens had wth them; but he thynkethe it wilbe under cc poundes. Thus moche we have thought good to certiffy yo^r honor, and in the rest therof hymselffe shall satisfy you more at large. Robert¹ Denham is one suche as may be able to doo good sarvyces to the Q. Ma^{tie} and stand the Company in great steade whatsoever should happen to Jonas, and therefore it were good he mought be remembered, w^{ch} we referre to yo^r honors good consyderation. And thus God preserve yo^r honor. From London, this vj December, 1577.

Yo^r honors to commaund,

W. Wynter,
Michael Loke.

To the right honorable Sr Ffrancys Walsingham, Knyght, one of her Ma^{ties} principall Secretaries.

dct.

At the Court.

[*Colonial*, 65. *Domestic Eliz.*, cxix. No. 9.]

- ² The great prove of the black oure of Alom and chayne.
- ³ Thee third prove of thee read sand of Alom and chayne.
- ⁴ Thee second prove of thee read sand of Alom and cheyne.
- ⁵ Thee oure of Hynnesbury Gilles.

[*Colonial*, 66. *Domestic Eliz.*, cxix, 10.]

IIJ MELTING FURNACES WILL MELT IIJ TON OF URE IN A DAY
AND NIGHT OR RATHER XIJ HOWARS VJ WORKMEN WYLL
SARVE THESE IIJ FURNACES AND ALL OTHER WORKES THERTO
BELONGING.

For vj men men's wagys and meate a daye	x ²
And for other ydle tyme of work	x ²
W ^{ch} is for iij tons xx ² w ^{ch} is j ton for	vj ² viij ^d

¹ Robert, originally written William, but altered.

² A small piece of metal fixed to the paper by wax.

³ Mark of the seal wax only remains.

⁴ Part of the wax only left.

⁵ Wax only left.

For coles and wood to melt j ton j lode	xx ^s
For leade j ton for j ton ure w ^{ch} leade wilbe gotten agayne in the last almost iij quarters of it so is lost but j quarter of j ton worthe x ^{li} the ton, w ^{ch} is for j ton of ure	iiij ^{li}
For fyar to rost j ton ure	vj ^s viij ^d
For a man to attend the same j day	xx ^d
For mixture to melt the ure for j ton	x ^s
Sum £5 5 0 a ton ure charges.	

[*Colonial, East Indies, 67. Domestic Eliz., cxix, No. 12.*]

DOCTOR BURCOTS ARTICLES AND CONDITIONS TO SERVE IN
FYNING OF THE NORTH-WEST ORE OR ANY OTHER MINERALS.

Right honorable,

We have vewed all the watter mylles neere London and doo fynd the most of them to be tyde mylles w^{ch} wyll not sarve to work the ure.

Also we have vewed the Temple myll w^{ch} Jonas dothe well lyke for the watter course, but the same hathe very little or no ground wheron to buyld the workhowsses needfull nor no place there for habitation of the workmen and offycers requysyt for the workes.

Also we have seene the mylles at Dãrtford, whose water course Jonas doth also lyke well. And consideryng the commoditie of the towne for habitation of the offycers and workmen also the water passage from the Tames to the towne and the good store of fewell in Kent, we thynk that place good for the purpose wherof this berar Mr. Furbusher can certyffy yo^r H. particularlye referring all to the consyderation of yo^r H. and the lords of Ma^{ties} honorable privie councill.

Also I have delyvred to Mr. Burkot yo^r H. letter and theruppon I and Mr. Furbusher have had large talke wth hym, and in the end we fynd hym farre out of reasson, and from that w^{ch} he wrote to yo^r H. as you shall perceave by the writinges herewthall sent of his demandes ; also Jonas is not wyllynge to joyne wth hym, and by our conferens had we doo see that Burcot wold doo in the workes no more but the same w^{ch} Jonas would doo and wyll doo and in sum poynttes not so moche nor so well as at yo^r H. commyng to London you shall more largely understand. The first thing that now is to be done for erection of the workehowsses for the ure is this : to wryte yo^r H. letters to Mr. Bartye, husband of the Duchesse of Suffolk to send hether Sebastian, a dockeman who now makethe certayne mylleworke for hym at Grymsthorp, w^{ch} workman must make the bellowes wheeles and all other tymber-work. Also yo^r letter to sum fryn[d] to send hether Hendrick the dockeman

brykler or mason who is now in work at the glassehows in Sussex at a place called Lokwood, these ij men wth Jonas must presently vew and measure the plat of ground for erection of the mylle and furnaces and ordeyne for the plat of the work and for the stuffe to work wthball and buyld wthball. Also uppon yo^r H. resolution what place you think most meete to erect the workehowsses. The ownar therof must be agreed wthball presentlye for the same before we can begynne the workes of buyldynges. All other matters appertaynyng to the premysses may staye untill yo^r H. come to London.

And thus I commytt yo^r honor to Almighty God.

From London the xiiij of December, 1577.

Yo^r honors most bounden

Michael Lok.

To the right honorable S^r Francis Walsingham, knight, one of her
Ma^{ties} principall Secretaries

At the Court.

[Inclosure 1.]

The 9th December, 1577.

Mr. Doctor Burcot shall doo as folowethe :—

1. He shalbe chyef master of the workes of provynge and meltinge the ures here at home yerely and in his owne parson shall see and ordayne and command the same.

2. He shall delyver halfe an ounce at the least of fyne gold for every hundred weight of the ure, free and clere of all charges of ffyer and additions for the melting and mens labour for the workyng and all other charges except the charges of buyldyng and instrumenttes or workyng tooles.

And this shall he parforme or ells shall loose his pencion of cc^{li} and all other intertaynement.

Mr. Doctor Burcot shall have as folowethe :—

1. A pencion of cc^{li} yerely during his lyffe.

2. And xx^s day for his dyat when he or his deputye workethe.

3. And a better reward when the mynes prove bettar and 1^{li} beforehand besydes his pencion. And this shalbe parformed to him by sufficient bondes.

[Inclosure 11.]

Articles off Burkard Krainghe off the meltine and ffyninge of that ooyre that ys brought into this land and that w^{ch} here after shall come.

Inprimis that he will be a master teacher and instructor of Inglyshemen how they shall melte this presente blacke ooyre or any that comythe here after to puryffie and fyne yt and bringe yt to parffyte gold.

Item he will also have suche men as he will chuse and apounte they shalbe bound to the hole fellowshipe and unto him not to departe frome this busynes wthout the masters lycense and good will havinge ther wages reasonablye appouunte unto them.

Item he will also erecte and buyld a meltene house wth vj fornaces axiltres, fyninge ovene vj pare off bellous wth all other instrumentes apperteyninge to suche a house of his owne device and knowlage profytable and mete for suche meltine at the fellowes cost and charges.

Item he will have too hundred pound ayeare duringe his naturall lyffe quarterly to be payd and one hole quarter¹ in hand, and the next pament at oure Lady-day next followinge, and xx^s a day for his charges holy day and workie day as ofte as he ys in and aboute that busynes and yf yt fortune him to be charged wth bodylie sykenes and be not able to travile in the same arte and be present himselfe that he may have a sufficiente man ther in his place in the meane tyme and the same accountes and the xx^s to be payd monthly.

Item he will also have by that same meltine house sufficiente rostine house, coyle house, wth plentye of wood and coile.

Item the same Burkard hath takine upon him wth his affore appouinted workemen and melters to bring out of the blacke oorye that ys present alreddie in this lande halfe an ounce of a hundred weight gold and besydes that yt shall beare reasonable charges so that he may have the same ooyre cleanly delyvered unto him wthout earthe drosse or stones havinge wood and coile wth workemen at y^e quenes pryce.

Item will gyve a note what maner of bellows and other instrumentes nessessary appertayninge to the same mayd here in London and carryed to suche a place as the Mr. and fellowes thinke mete to be buylden.

Item, he will instructe and teache to make proves and sayes to one man that will go suche a vioage agayne to bringe over treasure and ryches to pay for all and leave suche pooer and wyld ooryes behind yf ther be suche ryches in the land.

Item he ys also content to travill his old body in the fellowshipes cost and charge to vew se and fynd out in this land a place for buyldine suche a house bothe mete and profytable for the beste cheape of meltine and bringine in of the oorye.

Item, he will also make sayes of this ooryes that is in this land advertece the comyssoners of the ryches of the same of his owne cost and charge, and in his owne house and showe and teache how yt shall be brought oute in the greate fyre because he hathe his pension for y^e same.

Item, he will also have tow notable men in the fellowshipe that shalbe bound unto him in a pare of indentures and he to them for the hole fellowshipe w^{ch} one of them shalbe appouinted to pay him at altymes for him and his men ther wages an his pension and xx^s a day.

Item, yf ther shall here after any more suche ooyre come into this land w^{ch} shall beare the charges and be more profytable then thys ys that where he hathe now xx^s a day then he shall have xl^s a day.

¹ "hole quarter" erased, and altered to fifty pound."

Item, that yf he do not performe the afforesayd artyckles then he shall losse his pittane and therto I have sette my hand.

Item, he will not have that his pension nor his xx^s shalbe accounted in the charges of the meltyng because yt is neyther for labourer nor workmenes wages.

Item, will also have that alwayes ther shall remane a peace of mony in the masters handes before hand in the buyldine and meltine to pay his men in dew season and he shall make acounte every sennet or xiiij dayes at y^e leaste and send yt to him that payes the men to make his booke wth a trew accountes what is spent and payd.

Item, the M^r will also instructe and teache one of his secret and bounden sarvantes and prentyce duryng his lyffe as he hathe partely alreedy done that yf yt happene that the same M^r dothe deseace or dye that the same his mane shall knowe suche secretes and mystories w^{ch} every worke man and laborrer ought not to knowe so that his service may be followed in his desseaces and after his deathe and to be joyned now wth him in patent.

[*Colonial* 113. *Domestic Eliz.*, cxxix, No. 2.]

JANUARY 2, 1578. FROM MR. EDWARD FENTON, WHAT SUCCESSE HE HATHE HAD IN TRAVELING TO GET OWRE IN THE WEST COUNTRIE.

My dutie to yo^r hono^r most humblie used. Makinge my L. of Bedforde acquainted wth her Ma^{ties} commission and service I had in hande from yo^r ho: he presentlye directed his favorable letters unto Mr. Edgcombe (whose skill and indginete for that purpose and service his L. thought most sufficiente) to whom I repaired accordingle. And making him acquainted therwth I desired his speedie good help and furtherance in the same and sheifest to be furnished of that oure or minerall (Mr. Burcott) affirmed to yo^r honor to have received of him and gotten in his growndes w^{ch} he assured me by great othes was not true: for the same oare . . . delivered unto (Burcott) by one of his bretheren who receavid the same of another man w^{ch} died longe time sithence, and where he had the same he knowes not neither can it be learned of any other. So that at my firste entraunce into the service I was voyde of that hoope and helpe I cheiffie expected at his handes for the presente supplie of the same. Wherefore seinge the uncertentie of his help and that he sayde he had procured some other sortes of oare but not readie for me: I furthwth repaired into Cornewall to see what fruites I could reape, and fonde owt for that purpose by myne owne travaill: And coming amongst the mynes there (Christmas being at hand) and the myners being departed from their labours. Onlie in thende haping to

one (Mr. Cosworth) receav^r of her Ma^{ties} renew there, wth whom using some conference receavid bothe greate courtesie for my self and furtheraunce for the presente service I had in hande: he travailed with me into sondrie places and to divers gentlemen of that shier at whose handes and by whose meanes I was cheiflie to be holpen wth such mineralls as I serched for viz., Mr. Goodolphin, Mr. Arundell, and others wth whom after I had used some conference and given them some instructions towching thaction furthwth dispatched their letters to their servaunts best acquainted wth those cawses to make presente serch for all oares and mineralls remayninge in their workes from whom I have receavid such sortes of oare as I have sente to London (to Mr. Looke) putt in severall bagges marked wth figures accordinge to a kalendar herwith inclosed to yo^r honor.

But the oare (Mr. Burcott) had wherof Mr. Edgcombe delivered me a peice, I showed to divers tynners and others of skill in mineralls, but they never saw any suche in Cornwall or other places of their workinge.

Greater speede I could not make by reason thunfittnes of time as absence of all workmen from their workes, neither a greater quantitie of oare w^{ch} sorte will best serve the purpose it is gotten for, w^{ch} I could not do having no skill therin my self muche lesse here acquainted wth any that could do the same. And therefore thought it not good to entre into any further charges therin till I received yo^r honors further pleasurs and certificatt w^{ch} sorte or sortes therof will best agree wth thaction it is provided for, w^{ch} I will most dutifullie and readelie followe accordinge to suche orders as yo^r honors shall direct me for the same. Humblie beseching yo^r ho: to direct yo^r favorable letters of thanks to (Mr. Coswarth) for the greate courtesie he hath shewed me in this service craving pardon for my boldness I besече God to blesse yo^r honors with good success in all yo^r actions. Ffrom Mount Edgcombe the ij^{de} of Januarie, 1578.

Yo^r honors most humblie to commaunde,

Edward Fenton.

To the right honorable the Lords and others of her Ma^{ties} most honorable Privie Counsaill.
haste.

[*Colonial*, 113. *State Papers. Domestic, Elizabeth*, Vol. 129, 2, i.]

THE KALLENDER OF SUCHE SORTS OF OARE AS I HAVE SENT IN
SOUNDRIE BAGGS, VIZ.:

The first sort or kynd being liek copper called myndick growethe in St. Awstell Clives 3 milles from the haven of Foye.

There is liek to be good stoare therof.

2. The second sort comonly called by the tynners calle, there is great stoare and dyvers kynds therof growing in St. Tew and other places 3 milles from the sea syde: and from the haven of Foye vij milles.

3. The third sort lyke unto tynne or lead,¹ groweth in St. Awstell in the severall grownd of Hughe Collyns of Tregonie, ij milles from the see and vj from Foye.

4. The iiijth sort growethe in the parishe of Piryn in the grownd of (Mr. John Nance) and was one of the mynes (Mr. Burcot) wrought for silver: he gave to the honnor yerely v oz. of silver, it lyethe wthin 2 milles of New Kaie a littell harbor now decayed, the work standethe xxij fethomes deape of water and the loade therof a foate broade.

5. The fift sort was gottin by me and Mr. Coswarthe in a silver work of Bircotts, at New Kaie, hard by the see side and in the parishe of St Collom (the lower, the loade scant a foate broade), I fownd also in a howse hard by the same, certayn slage w^{ch} he used to melt downe the same oare wth all, of what substaunce or from whence it came, I could not learne; it is amongst the oore in this bagge.

6. The vjth contayneth 4 sorts of oore received from Mr. Barnard Penrose dwelling nigh Helston.

7. The vijth sort was gotten in the parishe of St Tannesse, her Ma^{tye} land, hard uppon the see side, the loade not above a handfull broad.

8. The viijth bagge contayneth 7 sorts of oare wth their loads. Received of Mr. Edgcombe.

Fower sorts of oare in 4 severall baggs, marked wth the letter M., from Mr. Michell, of Trewroo.

Indorsed. The sortes of myneralls received from C. Fenton, from Cornwall, the 8 Januarie, 1578.

[*Colonial*, 131. *State Papers. Domestic Eliz.*, Vol. 129, No. 43.]

THE XVIIJ DAYE OE FEBROWARY IN AN^o 1578, OF X^c OF ORE MELTYD AT DARTFORDE. A COWNT MADE OF X^c OF ORE MELTYD W^{ch} CAME OUT OF THE JUDETH, AND 13^c OF ORE W^{ch} CAME OUT OF THE NORTHE, AND 3^c OF LECTAGE W^{ch} CAME FROME TOWER HIGHTT—26^c IN ALL.

Where of came iiij^c $\frac{1}{4}$ of ryche leade, and that beyinge fynde downe there came viij oz. of selver, lackynge ij^d weyght, where of beynge partyd, came of gowlde one q 3 q^r oz. and xvij grains.

Where of came out of the leade ore and the lytarge, w^{ch} was xvij^c $\frac{1}{2}$ oz. $\frac{1}{2}$ q 3, w^{ch} is x oz.

¹ In the toppe of this bagge you shall fynd ij peces of oare yello coller gotten at New Kaie.

Then meltyd the lytarge wth the slags where out is come ij, of leade, w^h ij^c of leade howldeth v oz.

All so there dothe remayne in stone iij^c $\frac{1}{2}$, w^h howldyth all v oz.

There remayns iij^c of lead at 30,

Where of all is xvij oz. of selver wth gowlde.

The gowlde w^h is there in is $\frac{1}{2}$ oz. 40 grains, w^h is 35^s in valew.

There remayns xvij oz. j qr. iij^d weyght, $\frac{1}{2}$ of selver, where of we take out x oz. for the xvj^c ore and lectarge. Reste in selver of owre owne ore 7 oz. j qr. 3^d weyt $\frac{1}{2}$.

(On dors.)

Howe mych the x^c dothe make.

Furste, in sylver 17 oz. j qr. 3 $\frac{1}{2}$ ^d weyte, at	.	.	4	7	0
Then the gowlde $\frac{1}{2}$ oz. 40 grains, at	.	.	1	15	0
Then 3 ^d lead left, at	.	.	1	10	0
Where of abate for x oz. w ^h came oute of the ore and lectarge of the northe .	.	.	2	10	0
The reste clyer, w ^h is come out of owr $\frac{1}{2}$ tunne of owr	.	.	5	2	0

[*Colonial*, 134. *Domestic, Eliz.*, cxxx, No. 15.]

A NOTE OF THE VALUE OF 200 W^{ERT} OF OARE GOTTEN IN THE COUNTESS OF WARWICKS ILANDE IN (META INCOGNITA) AND PUTT DOWNE BY ME, JONAS SHUTE, AT THE TOWER HILL, THE XXIIIITH DAIE OF MARCHE, 1578, AND PUTT OF ON III SEUERALL TESTES CONTEYINGE GOLD AND SILVER, AS FOLLOWTH, VIZ.

The prooffe of the first test.

The first prooffe waighed in gould and silver, vnrefyned . . . 11 oz. 4 penny w^{elt} 16 graines.
 Being refyned, in gould and silver . . . 11 oz. 1 penny w^{elt} and 11 gr.
 In gould, being parted . . . 20 graines and 3 quarters.

The prooffe of the second test.

The seconde waighed in gould and silver, vnrefyned . . . 1 oz. 3 qrters and 14 gr.
 Being refyned, in gould and silver . . . 1 oz. 7 penny w^{elt} 14 grs.
 In gould, being parted . . . 1 penny w^{elt} 4 gr. 3 qrters.

The prooffe of the third test.

The thirde waighed in gould and silver, vnrefyned . . . 10 oz. 14 penny w^{elt} 18 gr.

Wherof there is a litle sample kept of the same for a sutle prooffe, if need require.

Being refyned in gould 1 oz. 13 penny we^{lt}
 In gould, being parted 1 penny we^{lt} 8 gr. 1 qrter.

The quantetie of gould and silver refyned in the iii tests.

The whole weight of the gould refyned	} 3 penny we ^{lt}	} x ^s iiij ^d	} xxxv ^s
amounteth to	} 10 gr. d.		
The whole we ^{lt} of the silver refyned	} 4oz. 19 penny	} xv ^s	
cometh to	} we ^{lt} 3 grs. d.			} viij^{d}

The quantetie and rate of thaditamets use in thies proofes.

In litarg 400 we^{lt} held in silver 2 oz. d.

In leade 56 pownds we^{lt} held in silver 1 qrter. of an oz.

All we^{lt} cometh to xiiii^s iiij^d, we^{lt} (I knowe) remayinth yet it the litarg
 and leade, and so will allowe for the same.

So that after this rate it cometh in the toone

towards all chargs xvii^s xvij^s ix^d

Wherof, I the said Jonas descireth allowance for waste lvij^s ix^d

And so I, the said Jonas Shute, promisseth to make

of eu^{er} ton towards all chargs xv^{li}

STATE PAPERS RELATIVE TO THE OUTFIT FOR
THE THIRD VOYAGE.

- I. A PROPORTION OF THE CHARGES FOR A THYRD VOYAGE.
- II. THE NAMES OF SUCH GENTLEMEN AS WENTE IN THE 1ST AND
2ND VOYAGE NOW IN CONSIDERACION OF THEIR SERVICE, TO
BE RECEIVED AS ADVENTURERS, GRATIS.
- III. INTERTAYMENT OF GENTLEMEN AND OTHERS UNDER MR. FENTON
TO INHABITE THE NEW LAND.
- IV. INSTRUCTIONS GIVEN TO MARTINE FPROBISER.
- V. THE INVENTORIE OF THE SHIP AYDE.
- VI. THE GABRIELL PRICED AT £LXXX.
- VII. THESE HAVE NOT PAYD THE 3RD OF MAY, 1578.

STATE PAPERS RELATIVE TO THE OUTFIT FOR
THE THIRD VOYAGE.

[Colonial, 88. Domestic Eliz., cxxiv, No. 1.]

A PROPORTION OF THE CHARGES FOR A THYRD VIAGE TO THE
NORTHWEST TO FITCH 2000 TOONES OF OORE AND TO VITAL
AND KEEFE THERE 100 MEN 18 MONETHES.

Two thowsande toones of oore to be brought home at xxx ^{li} le toone amounteth to	1 ^m li
Wherof	
I demaunde to furnishe the <i>Ayde</i> and <i>Gabriell</i> in presente and readie monie	m ^{li}
More for the wages of 80 men for v monethes at xxvjs. viij ^d . le monthe le man to be paid at per reatorne	dxxxiiij ^{li} vj. viij ^d
Two shippes to be procured more of her Ma ^{tie} , viz., one of 400 toones and thother of 200 toones throughlie furnished w th tackle and munition w ^{ch} maie amounte to	mmmdc ^{li}
Marioners to saile the same ij shippes 150, at xxvjs. viij ^d . le monthe le man in prest	cc ^{li}
More for vittelling of thies 150 sailors at xxs. le monthe le man for vij monthes	m ^{li} li
More in prest for 120 pyoners to be convoyde in thies shippes for ij monthes wages le man at xxs. le monthe More for the vittelling of thies 120 pyoneers at xxs. le man le monthe for vij monthes	ccxl ^{li}
More for iij monthes wages for the pyoners to be paide at their reatorne	cccciiij ^{xx} li
More for v monthes wages to be paide 150 marioners at their reatorne	m ^{li}
More for weapon and armor for thies 120 men	cxxx ^{li}
More for soldio ^{rs} and pyoners being 250 to be bestowed in shippes to be freighted at xxvjs. viij ^d . le man le monthe for ij monthes in preste	dclxvj ^{li} xiiij ^{li} iij ^d
More for the vittelling of thies 250 men for vij monthes at xxs. le man for every month	mdccl ^{li}

More x halls or tentes for their harbor ccxl^{li}
 • More for armor and weapon for theis 250 men at xx^s.
 le man ccl^{li}
 More for yronworke for tooles for the same pyoners
 and for viij smithes, their fourdges and bellowes c^{li}
 Ffor powder for their defence one laste c^{li}
 More to be paide in wages at their reatorne for iiij
 monthes mmdclxvj^{li} xiiij^s iiij^d
 More for the freight of 1200 toones at cs. le toone vj^mvi.
 Sum of all the charges to be disboursede
 as appereth by this particular. xx^md,ccc,xxxvj^{li} xiiij^s iiij^d
 And so remains cleare xxixmclxiiij^{li} vj^s viij^d
 Ma that there is in readie monie to be disboursed for
 the fetching of theis 2000 toones but vj^mdlxvj^{li} xiiij^s iiij^d
 Besides the ij shippes of her Ma^{tie} w^{ch} maie come to mmmdc^{li}
 A proportion for 100 men for victuall and wages to inhabit the North-
 west.
 More for the vittelling of 100 men to remayne there
 at xx^{li} le man for the yere and the proporcion to
 aunswere xviiij monthes mmm^{li}
 More for their wages at xx^s le monthe le man mdccc^{li} } mmmmdccc^{li}
 The Comoditie to be gayned by them.
 Thies 100 men being laborers shall gett in this xviiij
 monthes towards their charges 2000 toones of oare
 w^{ch} shall yelde xx^{li} le toone cleare amounting to
 the some of xl^mvi.
 Ma that to fortifie and provide dwelling for thies 100 men
 wth munition for their defence is further to [be] provided and consi-
 dered of.

[Colonial 89. Domestic Eliz., cxxiii, No. 50.]

THE NAMES OF SUCHE GENTLEMEN AND OTHERS AS WENTE THE
 FIRST AND SECONDE VOYAGES WTH MARTIN FFROBISHER INTO
 THE LANDS NOW CALLED "META INCOGNITA," LATLIE DIS-
 COVERED BY HIM TO THE NORTHWEST AND NOW IN CON-
 SIDERACION OF THEIR SERVICE TO BE RECEAVID IN AS AD-
 VENTURERS GRATIS, FOR SUCHE SEVERALL SOMES OF MONIES
 AS FOLLOWTH, VIZ.

The Names of the Gentlemen.

Eduarde Ffenton his lieutenaunte, by lande and sea in those
 partes. c^{li}
 Gilberte Yorke his vice-admirall to go and reatorne wth the flecte l^{li}

FOR THE THIRD VOYAGE.

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George Best	1 ^{li}
Richarde Philpott	1 ^{li}
Henrie Carew	xxv ^{li}
Edmonde Stafforde	xxv ^{li}
Fraunces Brakenburie	xxv ^{li}
John Lee	xxv ^{li}
William Tanflde	xxv ^{li}
Edwarde Harvie	xxv ^{li}
Mathew Kindersley	xxv ^{li}
Thomas Chamberlaine }	xxv ^{li}
Abraham Linche }	
Dennys Sotle }	
Roberte Kindersley }	xxv ^{li}
Henrie Kirkman }	
Lucke Girido, vice-admirall at <i>Meta Incognita</i>	xxv ^{li}
The Maisters of Shippes and others.	
Christofer Hall, Mr in thadmirall	1 ^{li}
Charles Jackman, Mr of the vice-admirall	xxv ^{li}
James Beare, Mr of the Reare admirall	xxv ^{li}
Andro Dyer, Mr of the shipp that staies in the country	xxv ^{li}
Nicholas Chauncelour havinge been bothe the voyages and to remayne there	xxv ^{li}
Richarde Coxe Mr gonner of thadmirall	xxv ^{li}
Nicholas Counzer that tooke the man Thomas Boydell	xxv ^{li}
James Wallis, hurte and maymed by the countrey people	xxv ^{li}

[*Colonial*, 91. *Domestic Eliz.*, cxxiii. No. 51.]

INTERTAYNMENT OF GENTLEMEN AND OTHERS IN THE VOYAGE
UNDER MR. FENTON, TO INHABITE IN THE NEWLAND
META INCOGNITA.

Mr. Captayne Fenton	li10 0 0
George Beste	li5 0 0
Richard Philpot	li5 0 0
Luke Ward	li5 0 0
For ij lewtenanttes, eche	li2 10 0
For ij enseignes, eche	li2 0 0
And all the rest of the gentlemen	li1 10 0
And all others, soldyars, marynars, &c.	li1 6 8
By the monthe.	

[*Colonial 87. Domestic Eliz. cxix. No. 46.*]

That Jonas may have *loli.* pension.

Shippes to be sent for v^{mt} ton weight.

A mynor to dig half ton adaye, in 28 days—a month.

i^e mynors for a month to digg j^{mt} iii^e ton.

ii^e mynors ij^{mt} viij^e

iii^e mynors ijj^{mt} cc ton.

Wages for y^e mynors.

Y^e freight at ijj^{th} y^e ton ix^{mt} poundes.

Edm. Hogan, Sr W^m Wynter, Humfrey Lock, Rich. Ydys, Furbisher.

Dce.

Palmer to be allowed as an officer.

W^m Umfrey to be used. Humfrey Cole. Burchard to make a proof of j^e weight of y^e ure in y^e towre.

[*Colonial, 93. Conway Papers.*]

INSTRUCIONES GEVEN TO O^R LOVINGE FRIND MARTINE FFEROBISEER, ESQUIER, FOR THE ORDER TO BE OBSERVED IN HIS VOYAGE NOWE RECOMMENDED TO HIM FOR THE LANDE NOW CALLED BY HIR MA^{TIES} META INCOGNITA TO THE NORTHWEST PARTES AND CATHAYE.

Ffyrst, you shall enter as captain generall into the charge and government of their shippes and vessells, viz., the *Ayde*, the *Gabriell*, *Michaell*, *Judethe*, the *Thomas Alline*, *Anne Fraunces*, the *Hoppewell*, the *Mone*, the *Ffeauunces of Ffoy*, the *Thomas*.

Item, you shall appoynte for the furnishinge of the *Ayde*, *Gabriell*, *Michaell*, and *Judith*, ffour-skore and ten hable and sufficient marinores and 180 pyoners and 50 soldiars, for the sarvyce and ladinge of all suche shippes and vessells as shall go under yor charge and be appoynted to retourne againe wth yo^u for that purpose, and of the sayd shippes or vessells, and maryners, pyoners, and soldiars, you shall leave to remayne and to inhabite in the lande nowe called *Meta Incognita*, under the charg and government of Edward Ffenton, gent, your Lieutenaunte Generall, the *Gabriell*, the *Michaell*, and the *Judethe*, w^{ch} fortie hable marioners, gonners, shipwrights, and carpentars, 30 soldiars and 30 pyoners, wth sufficient vittalle for xvij monthes for their provisione, reliefe, and mayntenance, and also munition and armoure for their defence, w^{ch} number of persones befor specified you shall not exceed to carrie nor leve their.

Item, that the vittalls for vij monthes w^{ch} you deliver into the *Ayde* for provisione of 90 persones goinge, and to retourne in the said shippe, you shall carefuley see the same preserved and used in sarvyce wth out

spoyle or hurte takinge by negligence. Item, you shall make a juste inventorie of every shippe to the companie belonginge of all the takell, munitione, and furnitur, to them belonginge at their settinge fourth from hens and the coppie therof under yo^r hand to be delivered to Michaell Lok, Treasurer of the Company. And the like to be done at yo^r retourne home, of all thinges then remaynyng in the said ships. And the like care you and yo^r Lieutenaunte Generall shall have of the victualls that shalbe by you delivered into any shippes or vessells whatsoever, for the provision of the 100 men appoynted to inhabite their.

Item, you shall not receve under yo^r charge and government any disordered or mutinous persone w^{ch} shall be appointed to goo or remayne their, but upon knowledge had to remove him before you departe hence, or ells by the way assone as you can avoyd hym.

Item, you shall use all dilligence possible to departe, wth yo^r said ships and vesselles frome the portes where they now remayne, before the firste of May next cominge, and to make your course eather by the northe or the west, as the winde will best serve yo^u.

Item, when you shall passe the landes of England, Scotlande, or Irelande, you shall direct yo^r course wth all yo^r shippes and vesselles to the lande now called *Meta Incognita*, and to an iland and sounde¹ there called the Countess of Warwickes Iland and Sounde, being wthin the supposed straight, w^{ch} we name Ffrobisers Straight, discovered by yo^r selfe 2 yeres past, and in yo^r voyage thither wardes you shall have speciall regarde so to order your course as yo^r shippes and vesselles do not losse the Companye one of an other, but may kepe company together. And the lyke also in yo^r retourne homewards. And yf any wilfulnes or negligence in this behalfe shall appeare in any persone or persons that shall have charge of any of the shippes aforesaide, or yf they or any other shall doo otherwyse then to them apperteyneth, you shall punishe suche offender sharplye to the example of others.

Item, that at yo^r arryvall at the Countesse of Warwikes Iland and Sounde, you shall theron saffitee harbour yo^r shippes and vesselles, and frome thence you shall repayre to the mynes and myneralls of the same iland wher you wrought this laste yeare wth myners and other men and furnytur necessarie, and ther shall place the myners and other men to worke and gather the oare, foreseinge they may be placed as well frome dainger and malyce of the people as frome anye other extremitie that maye happen.

Item, whyles these myners are workyng in Warwyke Sound, you shall cause serche to be made for other mynes in other places, and yf uppon good prooffe made, you shall happen to fynde other mynes to be richer then theis frome whence you had yo^r laste yeares ladinge, then you shall

¹ *Another hand.* Not for y^e Isle of Foyzlin in the wey.

presentlie remove the shippes and myners to the same place of mynerall, and to lade of the same yf that may be done convenientlye.

Item, to searche and consider of an apte place wher you maie best plante and fortifye these c men w^{ch} you shall leave to inhabite there aswell against the dainger and force of the natyve¹ people of y^e countrey and any other y^t shall seke to arryve ther from any other part of Christendom,² as also to prevent and fore see as neare (as you cane) all other extremities and perills that maye happen, and necessaries to be considered of for them.

Item, you shall leave wth Captan Fenton, yo^r Lieutenaunte Generall, the government of those 100 persons to remayne in that countrie wth instructions howe he maye best observe the nature of the ayre, and may discover and knowe the state of the countrie from tyme to tyme as moche as may be, and what tyme of the yeare the Straight is most free frome eyssse keepyng to y^e end a journall wekly of all accountes, wth whome you shalle leve the *Gabriell*, the *Michaell*, and the *Judith*, wth suche proportion of victualls and other necessarie thinges as are alreddie appoynted to him and his companie for that purpose suppliing his want wth able and skylfull men for that purpose, and wth any other thinges necessarie w^{ch} you or any other of the shippes maye convenientlye spare at yo^r reatorne.

Item, we require that you shall instructe all yo^r people rather to muche then any thinge to littell, aswell for yo^r owne saffetye there as of suche as you shall leave behinde you, that when you or they shall happen to come to have conference wth the people of those partes wher you shall arrive, that in all yo^r doynge and theirs you so behave yo^r selves and theyme, towards the said people as maye rather procure their frindships and good lykings towards you by courtesyes then move them to any offence or myslikinge.

Item, uppon yo^r arrivall at the place before specified, and after you have bothe harbored safflie yo^r ships, sett yo^r myners one worke, and also have taken sufficient order for plantinge of those men w^{ch} shall inhabite ther, and appoyntinge in yo^r absence governers for all theis causes. We will then, yf leasure and tyme wille permitt the same that you wth the ij barkes shall repaire towards the place where the first yeare you lost yo^r men, aswell to searche for mynes there as to discover 50 or 100 leages further westwardes frome that place as y^e opening of y^e Streight by water will lowe, as you may be certayne that you are entride into the Southe Sea commonly called Mare di Sun. And in your passage to learne all that you cane in all thinges, and take perfect notes therof, not tarring longe frome your shippes and workemen, but that you maye be hable to retorne homewardes wth them in due tyme.

¹ [Natyve] added by Lord Burleigh.

² [Of Christendom] added by Lord Burleigh.

Item, you shall well consider what place may be most aptest further to fortifye upon hereafter (yf nede requier), bothe for defence of the myners and also for possessinge of the countrie and bringe home wth you a perfecte platt and perfecte notes therof to be kept in secreat, and so delyvred unto us.¹

Item, you shall not suffer any shippe or shippes beinge laden wth oare to sett sayle or departe from the place of their ladinge till the daye fixed in their charter partye except you see good cause otherwyse. And beinge so laden and redy to retorne homeward you shall reetayne them in flete and in companie all together as muche as in you liethe, and as the wether wyll suffer untill your retorne into this realme of England and arrivall at the place appoynted in the River of Thammes for unladinge of the same.

Item, for the succession of the Generall Governour of this whole voiage (yf he should fortune to die) for avoydinge of stryffe and kepinge of peace and fryndship there be the names of iiij gentlemen privatlie sett downe to succede him in his place² on after y^e other which ar severally wrytten in paper included in balls of wax sealed wth hyr Ma^{ties} signett and put into boxes locked wth severall keys wherof on in your custody.³

Item, for the better and more circumspecte executions and determination in any waightie causes incident on land, we will that you shall call unto you for assistantes your Lieutenaunt Generall, Captayne Yorke, Richard Philpott, George Beast, and Henry Carewe, gent., wth whome you shall consult and confere what is beste to be done in the said causes, matters, and actions of ymportaunce touchinge this service undertaken. And in all suche matteres so handeled, argued, and debated upon the some to rest, to be allowed, or disallowed at yor owne ellection, and that alwaies to be executed w^{ch} you shall thinke meeteste wth assent of any ij of them in general consent.⁴ And like wyse in matteres of weight concerninge all yor shippes good government, aswell at the sea as in harboure, or wille is that the forenamed gent. and Christofer Hawle, Charles Jackeman, James Beare, and Andrewe Dier, ministers, in certayne of or shippes, presentlie ymployed in this north-west service, shalbe assistaunte unto you and consentinge to all determynacones concernynge the same. And in casse that of suche conference and discoursinge the opinions of the aforesaid assistaunce be founde in effecte any waye to differ then or will is that the execution of all suche matteres

¹ After us, "here to the Treasurer of the Companye" written and expuncted.

² [On custody], Lord Burleigh's hand; also the note.

³ Three keys, Furbisher, Fenton, a m^r of a shipp. See last paragraph but two.

⁴ [Wh to consent] also written in margin by Lord Burleigh.

so argued upon shall rest to be put in execution in suche sorte as you shall thinke moste metest, having the assent of any ij of them.¹

Item, because the temprature of those northe-west partes and boundes of seas and landes are not yet sufficientlie knowne (w^{ch} thinge we principallye desyere), and for as much as verye good oportunitie in soundrie respectes maye falle out in tyme of yo^r absence to purchaze or attayne to the same, we thinke y^t verye necessarie and to your better desert worthelie apperteninge that you shall enforce, advise, and auctoryshe by yo^r owne hande writtinge, in the beste manner you cane devise howe anye further discoverye, understandinge, or knowledge of the foresaid landes or seas (confynynge, borderinge, or lyinge, wthin 200 leages of the place wher at this voyage the habitacone or fortification of o^r people shalbe settled or situated) maye be executed and ached by yo^r foresaid Lieutenante Generall or by suche other parson as he or the most parte of such as hereafter shalbe named to be his assystance shall deme and judge most apte and sufficient for the accomplishinge of the service their unto apperteyninge.

Item, that you shall have speciall care and geve generall warninge that no persone of what cawlinge soever he be shall make an assaye of any mannor of mettalle matter or oore on the foresaid partes of *Meta Incognita*, but onlie he or they to whome the offyce or feate of assayes makinge is assigned or comitted (onlie yo^r selfe, yo^r Leutenaunte Generall, and yo^r substitutes before named, from this article to be excepted), nor any persone under yo^r government shall take uppe or keape to him selfe and his private use anye parte or parcell of oare, precious stone, or other matter of comoditie, to be hade or founde in that lande but he, the said person so seized of suche oare, stone, or other matter of comoditie, shall wth all speade or so sone as he cane detecte the same and make deliverye therof to yo^r selfe or yo^r Lieutenaunte Generall upon payne to forfeite for everye ounce therof the valewe trible of any wages he is to receive after the daye of suche offence committed, and further to receive suche punishment as to hir Ma^{ties} shall seme good.

Item, or will is that you shall cause a recorde dilligentlye to be kept in wrytting of all suche oare, myneralls, stones and other matters of vallel gotten or founde in that countrie, aswell of the time and place and places when or whear all and everye suche oare, minerall and other matter of suche vallewe is or shalbe founde or gotten, as also some parte, portion or example of all and everye the said oares, myneralls and other matter of vallewe in apte and peculiar boxes cause to be reserved wth their due titles and notificacones. And further cause dulye to be layed uppe in the said boxes the severall rates and tryed valuations of all assayes ther made of any the foresaid oares and myneralles,

¹ [Havinge them], Lord Burleigh's hand.

² [Hir Matie] altered to us, but altered back again by Lord Burleigh.

and all those foresaid boxes so furnished and distinctlie noted at yor reatorne to the citie of London you shall deliver or cause to be delivered to the tresorer of the companie of adventurers for those northeweste affayres, as well for the better directione and dealinge heare after wth any the foresaid oares or myneralles ther as for the better and speedie account and reckinge, makinge in grosse heare at home of the valewe of suche quantitie or masse as any of them shall hether be brought. And of these doinges make two bookes, to be kept in ij severall shyps.

A dooble of this book to be made, and brought home in an other shipp.

Item, that the marioners of all the hired shippes employed in this service shall geve, joyntlye wth all the other companies of o^r owne shippes, iij or iiij dayes travall and labor towards thintrenchinge and fortifinge of the place, wher the leutenant generall wth his charge shall remayne to inhabite there.

Item, that you shall make yor directe course from hence as neare as you cane, wth all suche shippes as passe under yor government, to the land now called *Meta Incognita*, and their lade 800 toones, or so muche more as the shippes of retorne cane safflie carrie of suche oare as you alredie have founde ther this last yeare, or rather richer yf you cane fynd the same. And so havinge laden your shippes wth the said number of 800 tonnes or more, as is aforesaid, shall make yor direct course frome thence into this realme of England into the river of Thames, where the shippes be appoynted to be unladen of the same.

A book conteyninge ye quantitie laden in every shipp. [Lord Burleigh.]

Item, that everye capten and m^r of every shippe appoynted in this voyage shall joyntlie under their handes writinge by indenture deliver unto you a note and estimacone of suche number of toones of oare or other matter of vallew as they shall receive into their shippes there. And all the same indentures to be registred in one booke, wherof iij copies to be made, and to be put in iij severall shypes to be delyvred to the tresorer of the comp^e at retorne home of the shypps.

Ye book to be indented (Lord Burleigh.)

That a minister or twoo do go in this jorney to use ministratation of devyne service and sacraments, accordyng to y^e churche of England. Nota, y^t the victalls, munitions and other thynges to be carryed to be equally distributed into y^e shippes, for dout of miscarrying of some of theme.

(Lord Burleigh.)

Item, in yor waye outward bound, yf it wylbe no hynderans to the rest of yor voyage, you shall doo yor endeavour to dyscover the new land, supposed to be Ffryzeland, and to gett the best knowledge that you can of the state and nature therof. And yf you cannot conveniently doo it in yor waye outward bound, then doo your attempt h... in yor waye homeward bound at retorne yf the same may be done convenientlye.

Item, when you shall passe, etc.

Item, that yf there should happen any person or persons employed in

this service, of what calling or condition he or they shall be, should conspire or attempte privatlie or publiklie any treason, mutanie or other disorder, either towchinge the takinge awaie of yo^r owne life or any other of auctoritie under yo^r, whereby her Ma^{ties} service in this voyage might therby be over throwen and ympugned, We will therefore that upon juste prooffe made of any such treasons, mutanie or other disorders attempted as aforesaid, the same shalbe punished by yo^r or yo^r lieutenant generall, etc.¹

w^{ch} are severally wrytten in paper included in bawles of wax, sealed wth her Ma^{ties} signet, and put into two severall boxes, locked wth ij severall keys, wherof one key in yo^r custodie, and one in custodie of Edward Fenton, and another in custodie of Christofer Hawlle. And the same two boxes to be put in ij severall shyps, to saye, one boxe in the *Ayde*, and the other in the ship where yo^r lieutenaunt generall shall passe.

Item, for the succession of the lieutenant generall of those c men w^{ch} shall remayne and inhabite there, there be named iij parsons to succede in order and maner as is sett downe before in the Article for the succession of the generall.

Item, that there be made a doble of this Commyssion to remayne wth the lieutenant generall.

Indorsed. 1578. Commyssion instructions to Mr. Ffurbusher to goo to sea, No. 1578.

[*Colonial*, 127. *State Papers. Domestic Eliz.*, Vol. 129, No. 36.]

THE INVENTARIE OF THE SHYP AYDE.

(2d page.)

The Inventarie of the shippe *Ayde* made the 10th of Februarye, 1571.

In primis her furniture as she was bought of the Quenes Ma^{ties} in Aprile, 1577.

In primis, the bowsprite wth ij double pullies and iij shevers of bras.

The Bolt Sprite.—Item the yarde; the saylle (worne): the hallyares wth ij pullies cocked wth brasse; the lifts wth iiij pulles; the braces, wth 2 pulles; the sheate, wth pendants; the ij shankes paynters wth chaynes; a bolt, a collar and chaynes of irone; the mayne staye; the davette wth a claspe of irone; ij shevers of brasse to the davetts a grapnell wth chayne (lost) Catts a false tyre for the spritte saile; the clewlynes.

The Fore-maste.—Item the mast wth a shiver of brase in the heade; the fore topp not; the yard wth gromets; a swifter one aside wth iiij pullyes, worne; the saylle viz., corse and bonnet, iij parts worne; ij pendants on a syde wth iiij pulles, one shevered, and one cocked; ij takels one a syde wth iiij pules ij coked wth brasse; vj shroudes on a

¹ There is *nothing* lost here. The person who drew up this draft has rewritten this passage to make it more clear.

syde ; the staye ; the lyftes wth iiij pulles ; the tye, worne ; the hall-yares wth one shever of brase in the rames head and ij cocked in the rame hedd ; the parell wth lanyers and brest ropes ; ij trusses wth ij pulles ; ij bowlines (worne), wth a doble blocke and ij shyvers of bras ; the braces wth iiij pulles (worne) ; the sheats wth ij pulles cocked wth bras ; the shivers of brasse in the shippes side (none) ; the tacks (one of them newe) ; the martinetts ; the botts tacle wth ij shyvers of bras.

The fore tope maste.—Item, the toppe maste wth a cocke of brasse in the heade ; the yarde ; the saylle (ij parts worne) ; j tacle on a side wth iiij pulles ; iiij shroudes on a side ; iiij puttocks on a syde ; the staye and backstaye ; the tye and halliers wth ij pulles one shevered and one cocked wth brasse ; the liftes wth iiij pulles ; the sheates ; the parell, broken, laniers and brest ropes ; the truse wth ij pulles ; the boulines wth one doble (polle) ; the braces wth iiij polles ; the clulines wth ij pulles ; j crane line, bage and one pendante pulle.

The mayne maste.—Item, the maste wth ij shivers of bras in the heade (the mayne topp nawght) ; the yard wth grometts and stapells (broken and nawght) ; the saylle, viz., corse and bonnette (good) ; the drabler (newe) ; j swifter on a side wth iiij pulles (ij parts worne) ; ij pendants one a side wth vj pulles on a shever of brasse, and ij shevers of brasse for the botts tacle (the tackles worne) ; ij tackells on a side wth xij pulles, ij cocked wth brasse ; viij shroudes on a side ; the staye ; the liftes wth iiij pulles ; the sheates supplied wth ij pulles, one shyvered wth bras, and th' other cocked with bras (the sheates worne), and ij shivers of brasse in the shippes side ; the tacks ; the tye (halph worne) ; ij shevers of brasse in the knight ; the halliers wth ij shevers of brasse, in the knight and ram heade ; the parrell wth laniers and brest ropes ; the trusse wth iiij pules (nowght) ; the martinetts (worne), and vj pulles ; the garnette wth ij pulles wth ij shevers of brasse ; the braces wth ij pulles ; the bowlines ; the clulines.

The mayne tope maste.—Item the toppe and maste wth a shever of brasse in the heade ; the yarde ; the saylle (newe) ; j tacle one a side wth ij pulles ; 4 shroudes one a side ; v puttockes one a side ; the staye and the backe staye ; the liftes wth iiij pulles ; the sheatts wth iiij pulles ij shevers, one of them brasse and ij cocked wth brasse, and ij of brasse in the bubbridge heade (none of brasse) ; the tye and halliers wth ij pulles one shevered and one cocked wth brasse ; the bowlines wth one doble pulle ; the braces wth iiij pulles ; the clulines wth ij pulles ; the the cluline a rane bage and one pendante pulle.

The myson maste.—Item the maste, wth a shevere of brasse in the hedd ; the yarde ; the saylle, viz., corse and bonet, nawght ; a swifter on a side wth iiij pulles, the swifter's nawght ; v shrouds one a side ; the staye ; the tye and halliers wth a shyver of bras, and brest ropes ; the trusse wth ij pulles ; the lyfts wth ij pulles ; the boulines—non ; the smiting line—non ; the parell ; the myson martinetts.

The mison tope maste.—Item the tope and maste ; iij shroudes on a side ; iiij puttocks on a side ; the staye.

The botes maste.—Item, a shever of brasse in the heade ; a paynter cheyne ; a davett wth a shever of irone ; a windlesse ; a maste wth a sayll ; a rother wth spindell and capps—(lost).

The skyffe.—Item, a skyffe ; xij ores ; a rother wth yrone worke—(none).

Implements.—Item, a mayne capstaine wth collar and paull of yrone and iiij bares ; paule non nor bars ; the fore capstene wth a paull of yrone and 2 barres ; a state pompe wth a bracke ; a bed sted and a table in the captaines cabbine, the table broken ; a payre of bilbowes wth vj shakells ; a grinstone wth spindle and winche of irone ; a coper kettell ; ij meate kettells, one very smalle ; a barre wth a chayne and iij hockes in the cooke rome to hange the kettell one ; but iij ankers, ankers great, iiij ; cables of xij ynches that the shipe is mored by, ij ; cables of xj ynches—iiij, ij of them newe, one of the ij of 13 inches, one of them a juncke and cut ; cables of x ynches, j halfe worne ; cables of viij ynches for a botte rope, j halfe worn ; cables of vj ynches, j newe, spent and gone ; geste ropes of v ynches, j halfe worne ; condinge hausers of v ynches, j ; hausers of v ynches, j ; fats (fathoms ?) of a hauser of v ynches, x fathom ; a britton tackell wth iiiij shevers of brasse and one of irone coked wth iij blocks and j pendante tacle, j ; boye ropes, j ; catte ropes, ij worne ; facks of coytle of iij ynches, x fathom ; peces of coyles of ynches and ynches and halfe, iij peces ; flaggs of Sainte George, j worne : compasses, ij ; runnyng glasses, j nawght ; soundinge lynes, ij ; soundinge leades, iij, ij ; bucketts, ij ; boules, iiij ; shovelles, iiij ; skoppes, ij ; spare pulles great and small, vj, ij coked wth brasse ; marlienes, ij bundells ; ratline, shyves ; twine, x^{li} ; item, boults of mid-dremaxe, iiij ; calappes, v ; piche pottes, j nawght ; fishe hokes, ij ; leache hokes, ij, j ; loffe hokes, iiij ; balleste basketts, ij ; canne hokes, j pare ; fides, ij ; boyes, iiij, iij ; catte hokes shevered wth brasse, ij.

Summa of all, w ^{ch} coste	viiij ^e l ⁱⁱ
And the ordenans and munition aperinge hereafter, w ^{ch} coste	iiij ^e xlv ⁱⁱ
Summa of all this shipp as ytt cost, amounteth	xj ^e iiiij ^{xx} xv ⁱⁱ

We doe thincke that the foresaid ship, wth her masts, yards, sayles, anckers, cables, and other taikle and apparell contained in particulers before sett downe in this book, so as the saume may be delyvered accordinglie, to be worthe

Item, more for v peces of brasse in this book after specified amonge the ordenance and munitions, beinge ij mynions, and iij ^s fawcons, weyinge iiiij ^e w ^t v ^e xviiij ⁱⁱ waight, at iij ⁱⁱ p ^r c ^t , cxxxv ⁱⁱ x ^s	vij ^e ii
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cariadges perteineinge to the saide peces pr'estima-
tion, iij^{li} vj^s viij^d cxxxviij^{li} xvj^s viij^d
Summa totalis viij^c xxxviij^{li} xvj^s viij^d

(Signed)

W. Wynter. Will^m Holstok.

The rest of th' ordenance and munitions, in this inventorye we thinck
them nott mete, for the Quenes Ma^{tie}.

(The above letter is crossed off in the original.)

The xxiiij^d of Februarie, 1578.

We doe thinck y^f the foresaid ship, wth her masts,
yards, sailes, anckers, cables, and other taikle and
apparell contened in particulars, before sett downe in
this book, so as the same may be delivered according-
lie, to be worthe dcc^{li}

We doe also thinck y^f the v peces of brasse in this book
afte specefied, amonge the ordenance, to be worthe the
mony they are rated at, and mete for her Ma^{tie} wth
ther v cariadges, pertaining to them, w^{ch} dothe
amount unto the some of cxxxij^{li} ij^s xj^d

Totalis dcccxxxij^{li} ij^s xj^d

And as touchinge th' other ordenance, and munitions conteyned in
this inventorye, we doe not thinck them mete for her highness.

(Signed)

W. Wynter. Will^m Holstok.

More the ordenances and munition put into the shippe, after she was
brought w^{ch} dide cost as followeth :—

Ordenans of brasse

Mynyones, ij wainge 22 ^{cwt} . 2 ^{qrs} . 4 ^{lb} . at 3 ^{li} per cwt.	£67	13	4
Fawcons, i wainge 7 ^{cwt} . 2 ^{qrs} . 14 ^{lb} . at 3 ^{li} per cwt.	£22	17	6
Faucons, ij wainge 15 ^{cwt} . at 46 ^s 8 ^d per cwt.	£35	0	0
And for the carriages of all 5 peces	£6	13	4
	<u>£132</u>	<u>4</u>	<u>2</u>

Of cast yrone.

Sacres, viij wainge	5ton	12cwt.
Mynyons, j wainge		11cwt.
Fawcons, v wainge	2ton	2cwt.

Summa 8ton 5cwt.

At £12 a ton	£99	0	0
And for 14 carriages, all	17	13	4
Fowles, vj	} stoked at 4 ^{li} pece	30	0
Chambers to them, xij			

Munition, as followeth :—

	cwt.	qrs.	lbs.
Sacre shot, round, ij ^{vij}	10	1	0
Fawcone shote, rounde, lxix	1	2	4

Colveringe shot, rounde, xix . . . . .	. 1 2 4	
Mynion shot, rounde, xvij . . . . .	. 0 2 14	
Summe waing . . . . .	. 13 3 18	
At 10 shillings the cwt.		li6 18 0
Crosbar shotte.		
	cwt. qrs. lbs.	
For sacres, xlix . . . . .	. 3 1 0	
For fawcone, xxvij . . . . .	. 1 1 0	
For mynion, xj . . . . .	. 0 2 14	
Summe . . . . .	. 5 0 14	
At xxij ^s per cwt.		li5 18 0
Chayne shotte.		
	cwt. qrs. lbs.	
For sacres, 14 . . . . .	. 1 0 0	
For fawcone, 7 . . . . .	. 0 1 0	
Summe . . . . .	. 1 1 0	
At xxij ^s		li1 8 6
Stone shotte.		
For fowlers, liij, at xij ^d		li1 13 0
Ladells w th staves for sacres and mynion, 15, at xij ^d		li0 15 0
Sponges and staves for sacre, mynion, and faucon, 12, at xij ^d		li0 12 0
Rammer staves, 20, at 8 ^d		li0 13 4
Formers for sacre, mynion, and fawcone, 3, at 6 ^d		li0 1 6
Armor, and weapon, and munitione.		
Calivers, 38, wherof 6 w ^{thout} stoks.		
Flaskes, 16		
Toche boxes, 10	} at 13 ^{sh} 4 ^d	li25 6 8
Moldes, 20		
Matche skines, weyinge cc ^{lbs.} at 16 shillings the c		li1 12 0
Bowes of ewe, 25, at 3 ^{sh} 8 ^d		li4 11 8
Shefes of arowes, xlv, at 2 ^{sh}		li4 10 0
Bow stringes, dossen, vij, at 8 ^d		li0 4 8
Partezans, iij, at 13 ^{sh} 4 ^d		li2 13 4
Blacke bylles, xvj, at xij ^d		li0 16 0
Pykes, 5, at 2 ^{sh}		li0 10 0
Crowes of yrone, 9, at 4 ^{sh}		li1 16 0
Trunkes of wylde fyer, ij, at 5 ^{sh}		li0 10 0
Balles, wilde fyer, 15, at 3 ^{sh}		li2 5 0
Arowes, wilde fyer, 11, at 1 ^{sh}		li0 11 0
Pykes, wilde fyer, 5, at 5 ^{sh}		li1 5 0
A drylle, j, at		li0 1 0
Tampyons, 29, at 1 ^d pece		li0 2 6

A gowge, j, at	li0 0 6
Chyssells, iij, at 6d	li0 2 0
Peckers for stone shot, j, at	li0 0 6
A sledge, j, at	li0 2 0
Spare trockells, ix, at 12 ^d a pare	li0 4 0
	<hr/>
Summe this syde	li49 5 8
The last syde	li295 15 0
	<hr/>
Summe of all this, which coste	li345 0 8

[*Colonial*, 133. *Domestic Eliz.*, cxxx, No. 10.]

MARCH 20th, 1578. FROM MR. THO. ALLAN. THE "GABRIELL"

PRICED AT LXXX£. MANYE THYNGS IN LOCKES HANDES TO BE SOULD AND TO BEE CALLED TO HIS REARE ACCOMPT.

My dewtie remembered: hit maye please youre honor to undarstande that I have receved ij letters this daye from youre honor, the one towchinge the ordenance to be solde, the other for the *Gabryell*, w^{ch} letters I ansure. The ordenance ys solde by the bryngar hereof to one Clement Draper for xij^{li} the towne, redye monye, as he saythe to me, he havinge a lysence to transeporte the same, w^{ch} lysence yt maye please your honor to sende, and then the monye shalbe receved by me, and pade owte agayne to these men. Havinge some asystance wth me of the comysioners at the payment there of wiche I desire to have ffor my dyscharge acordinge to ordar.

Ande for the *Gabryell*, she was prased by Mr. Locke and others at one hundrethe and li pounds. I sawe yt to moche. I browght hire downe to c^{li}; yet no mane wyll by here at that pryce, so I have offered hire iiii^{xxli}, and that I do here that Mr. Furbusher haythe byden for hire; but I thingke redye monye ys owte of the waye wth hym, so I sent Clynton to knowe whether he wolde have hire or no, or else I wolde yt myght please youre honor that Sr Nycolas Malbe maye have hire, and paye vs this monye I thingke well of yt.

Sr, I wolde these men weare pade; I ame sore trobled wth them; youre honor sende them to me they saye, and youre honor knowythe I have no monye to paye them. I have had iij fytes of an agoo; Gode sende me to be quyte of yt. This is the gayne I do posese by folloyng of this besynes.

Sr, there ys manye things to sell yett, wiche do lye and are in Mr. Lockes kepinge, and there ys no mane taketh charge or care of them, and what he can sell he doythe, but paythe no mane a peny. It weare very goode that youre honor wolde commande that all things myght be solde owte of hande by a daie, and that Mr. Locke myght be

dyscharged, and that he myght then bryngke in his reare acounte, and so to deale wth hym, for that he doythe owe to the companye, that men myght be pade, and that youre honor myght certenly knowe what ys yet owynge to men, and agayn what ys owynge to vs to dyscharge them, for yt doythe lyngar to longe for oure proffyt. This I take my leave of youre honor, wryten this xxth of Marche, 1578.

Your honors to comavnde,

Thomas Allen.

To the Right Honorable Sr Frances Walsingham,
Knyght and prensPELL Secretorye to the
Quenes Matie.
20 March, 1578.

[*Colonial*, 95. *Domestic Eliz.*, cxxiv, No. 2.]

THESE HAVE NOT PAYD THE 3 MAY 1578.

	Stok	Buildings.
My Lord Admirall	£135	£20
My Lord Tresorer	£35	
My Lord Chamberlan	£135	£20
My Lord Leycester	£202 10	£30
My Lady Warrwyk	£32 10	
Mr. Secretarie Walsingham	£62 13	
My Lady Anne Talbot	£38 15	£5
Sr John Brockett	£43 15	
Sr William Wyntar	£250	£40
Sr Leonell Duckett	£67 10	
Mr. William Pellham	£67 10	£10
Mr. Thomas Randolphe	£67 10	
Mr. Edward Dyar	£33 15	£5
Mr. Somers		£10
Mr. Coyar	£33 15	£5
Anthony Jenkynson	£67 10	£10
Jeffrey Turvyle	£67 10	£10
William Paintar	£67 10	£10
Richard Cowland	£67 10	£10
Mathew Fild	£32 10	
Thomas Allyn	£67 10	£10
Robert Martin	£33 15	£5
Christofer Androwes	£33 15	£5
Sr Thomas Gresham	£70	£40
Martin Furbusher	£67 10	£10
My Lord Camberlan, Whaterton	£67 10	£10
	£1876	£260
Thomas Owen	£33 15	£5

THE THIRDE VOYAGE OF CAPTAINE FRO-
BISHER, PRETENDE FOR THE DISCOVERIE
OF CATAYA, BY META INCOGNITA. ANNO
DO. 1578.*

THE Generall being returned from the second voyage, im-
mediatlye after hys arrival in Englande repayred with all
haste to the Court, being then at Windsore, to advertise hir
Majestie of his prosperous proceeding, and good successe
in this laste voyage, and of the plenty of gold ore, with other
matters of importance which he hadde in these Septentrionall
partes discovered. He was courteously enterteyned, and
hartily welcomed of many noble men, but especially for his
great adventure commended of hir Majestie, at whose hands
he receyved great thanks, and most gracious countenance,
according to his deserts. Hir Highnesse also greatly com-
mended the rest of the gentlemen in this service, for their
great forwardnes in this so dangerous toyling and painefull
attempte: but especiallye she prayed and rejoiced, that
among them there was so good order of governement, so
good agreement, everye man so ready in his calling, to do
whatsoever the Generall should commande, which due com-
mendation gratusly of hir Majestie remembred, gave so
greate encouragement to all the captaines and gentlemen,
that they, to continue hir highnesse so good and honorable
opinion of them, have since neither spared laboure, limme,
nor life, to bring this matter (so well begon) to a happie and
prosperous ende. And finding, that the matter of the gold
ore had appearance and made shew of great riches and pro-
fite, and the hope of y^e passage to Cataya, by this last voyage

Frobisher
commended
of hir
Majestie.

The gent
men com-
mended.

* Another account of this voyage was written by Thomas Ellis.

Com-
mis-
sion-
ers ap-
pointed to
examine the
goodness of
the ore.

A name
given to the
place newe
discovered.

The hope of
the passage
to Cataya.

A forte to be
built in
Meta In-
cognita.

greatly increased, hir Majestie appointed speciall commis-
sioners, chosen for this purpose, gentlemen of great judge-
ment, art, and skill, to looke thorowly into y^e cause, for
y^e true trial and due examination therof, and for the full
handling of al matters thereunto appertaining. And bicause
that place and countrey, hath never heretofore bin dis-
covered, and therefore had no speciall name, by which it
might be called and known, hir Majestie named it very pro-
perly *Meta Incognita*, as a mark and bounds utterly hitherto
unknown. The commissioners after sufficient triall and
prooffe made of ye ore, and having understood by sundrie
reasons, and substanciall grounds, the possibilitie and likeli-
hoode of y^e passage, advertised hir highnesse, that the cause
was of importance, and y^e voyage gretly worthy to be ad-
vanced again. Whereupon preparation was made of ships
and al other things necessary, with such expedition, as
y^e time of the year then required. And bycause it was as-
suredly made accompt of, that the commoditie of mines, there
already discovered, would at y^e least countervaille in all
respects, the adventurers charge, and give further hope and
likelihood of greter matters to follow: it was thought need-
ful, both for the better guard of those parts already found,
and for further discovery of the inland and secreats of those
countries, and also for further search of y^e passage to Cataya
(wherof the hope continually more and more encreaseth)
that certain numbers of chosen soldiers and discrete men for
those purposes should be assigned to inhabite there. Where-
upon there was a strong forte or house of timber, artificially
framed, and cunningly devised by a notable learned man
here at home, in ships to be carryed thither, wherby those
men that were appointed there to winter and make their
abode y^e whole yeare, might as wel be defended from the
danger of y^e falling snow and colde ayre, as also to be fortified
from the force or offence of those countrie people, which
perhaps otherwise with too greate companyes and multitudes

might oppresse them. And to this greate adventure and notable exploit, many well minded and forward yong gentlemen of our countrey willingly have offered themselves. And first Captaine Fenton, Lieutenant Generall for Captaine Frobisher, and in charge of the company with him there, Captaine Beste, and Captaine Filpot, unto whose good discretions the government of that service was chiefly commended, who, as men not regarding perill in respect of the profite and common wealth of their countrie, were willing to abide the firste brunte and adventure of those daungers among a savage and brutishe kinde of people, in a place hitherto ever thought for extreme cold not habitable. The whole number of men whiche had offered, and were appointed to inhabite Meta Incognita al the yeare, were one hundreth persons, wherof xl shoulde be marriners, for the use of ships, 30 miners for gatheringe the golde ore togyther for the nexte yeare, and 30 souldiers for the better garde of the reste, within which last number are included the gentlemen, goldfiners, bakers, carpenters and all necessarye persons. To eche of y^e captaines was assigned one ship, as well for the further searching of the coast and countrie there, as for to retúrne and bring backe their companies againe, if the necessitie of the place so urged, or by miscarying of the fleete in the yeare following, they mighte be disappointed of their further provision.

A hundreth men appointed to inhabite there.

Being therefore thus furnished with all necessaries, there were ready to depart upon the said voyage xv sayle of good shippes, whereof the whole number was to returne agayne with their loadinge of gold ore in the end of the sommer, except those three ships, which should be left for the use of those captaynes whiche should inhabite there the whole yeare. And being in so good readynesse, the Generall, with all the captaynes came to the court, then lying at Greenwich, to take their leave of hir Majestie, at whose hands they all receyved greate encouragemente and gracious coun-

Fifteene sayle.

A cheyne of
gold given
to Fro-
bisher.

tenance. Hir Highnesse, besides other good giftes, and greater promises, bestowed on the Generall a faire cheyne of gold, and the rest of the captaines kissed hir hande, tooke their leave, and departed every man towards their charge.

THE NAMES OF THE SHIPPES, WITH THEIR SEVERALL
CAPTAYNES.

- | | | | |
|--|---|---|-----------------------|
| 1. In the <i>Ayde</i> being Admirall was
the Generall | - | - | } Captayne Frobisher. |
| 2. In the <i>Tho. Allen</i> , Viceadmirall |  |  |  | Ca. Yorke. |
| 3. In the <i>Judith</i> , Lieutenant Generall | | | Ca. Fenton. |
| 4. In the <i>Anne Frances</i> | - | - | Ca. Best. |
| 5. In the <i>Hopewell</i> | - | - | Ca. Carew. |
| 6. In the <i>Beare</i> | - | - | Ca. Filpot. |
| 7. In the <i>Thomas</i> , of Ipswich | - | | Ca. Tanfield. |
| 8. In the <i>Emanuell</i> , of Exceter | - | | Ca. Courtney. |
| 9. In the <i>Frances</i> , of Foy | - | | Ca. Moyles. |
| 10. In the <i>Moone</i> | - | - | Ca. Upcot. |
| 11. In the <i>Ema</i> , of Bridgewater | - | | Ca. Newton |
| 12. In the <i>Salomon</i> , of Weymouth | | | Ca. Randal. |
| 13. In the barke <i>Dennis</i> | - | - | Ca. Kendall. |
| 14. In the <i>Gabriell</i> | - | - | Ca. Harvey. |
| 15. In the <i>Michaell</i> | - | - | Ca. Kinnersley. |

The sayd xv sayle of shippes arrived and mette togyther at Harwitch, the seauen and twentieth day of May, anno 1578, where the Generall and the other Captaynes made view, and mustered theyr companyes. And every severall Captaine receyved from the Generall certayne articles of direction, for the better keeping of order and company togyther in the way, which articles are as followeth:—

Articles and orders to be observed for the fleete, set downe by Captayne Frobisher, Generall, and delivered in writing to every Captayne, as well for keeping company as for the course, the 31 of May.

1. *Inprimis*, to banishe swearinge, dice, and card-playing,

and filthy communication, and to serve God twice a day, with the ordinarie service, usuall in churches of England, and to cleare the glasse,* according to the old order of England.

2. The Admirall shall carrie the light, and after his light be once put out, no man to go a head of him, but every man to fitte his sayles to follow as neere as they may, without dangering one another.

3. That no man shall by day or by night depart further from the Admirall than the distance of one English mile and as neere as they may withoute daunger one of another.

4. If it chance to growe thicke and the wind contrarie, eyther by daye or by night, that the Admirall be forced to cast aboute, before hir casting aboute, she shal gyve warning by shooting off a peece, and to him shall answere the Vize-admirall and the Rere-admirall with every one of them a peece, if it be by nighte or in a fogge, and that the Vize-admirall shall aunswere firste and the Rere-admirall last.

5. That no man in the fleete descrying any sayle or sayles, give uppon anye occasion anye chace, before he have spoken with the Admirall.

6. That everye evening all the fleete come uppe and speake with the Admirall at seaven of the clocke, or betweene that and eyght, and if weather will not serve them all to speake with the Admirall, then some shall come to the Vize-admirall, and receyve your order of your course of Maister Hall, chiefe pylot of the fleete, as he shall direct you.

7. If to any man in the fleete there happen any mischance, they shall presently shoote off two peeces by day, and if it be by night two peeces, and shew two lightes.

8. If any man in y^e fleete come up in y^e night, and hale his fellow, knowing him not, he shall give him this watch-

* In Earl Essex's expedition to Cadiz, Dr. Marbeck records that "to inculcate discipline and subordination, and to impress the sacredness of their cause, the Lord Admiral had service performed three times a day, in the morning, in the evening, and at bed-time, at the clearing of the glasse.

In Blanckley's *Naval Expositor*, 1750, under "Glasses Watch," will be found "Being fourhours governs them at sea for changing the watch."

word, Before the world was God. The other shall aunswere him, if he be one of our fleete, After God, came Christ, his Sonne. So that if anye be founde amongst us, not of oure owne company, he that firste descryeth anye suche sayle or sayles shall give warning to the Admirall by himselfe or any other that he can speake to that sailes better than he, being nearest unto him.

9. That every ship in the fleete in the time of fogges, whiche continually happen with little winds and most parte calmes, shall keepe a reasonable noyse with trumpet, drumme, or otherwise to keepe themselves cleere one of another.

10. If it fall out thicke or misty that we lay it to hull, the Admirall shall give warning by a peece, and putting out three lightes one over another, to the ende that every man may take in his sayles, and at his setting of sayles agayne do the like, if it be not cleare.

11. If any man discover land by nighte, that he give the like warning that he doth for mischances, two lightes and two peeces, if it be by day one peece, and putte out hys flagge and strike all his sayles he hath aboorde.

12. If any shyppe shall happen to lose company by force of weather, then anye suche shippe or shippes shall gette hir into the latitude of and so keep that latitude, untill they gette Freeselande. And after they be past the west partes of Freeselande, they shall gette them into the latitude of and and not to the northwarde of and beeing once entred within the straytes, all suche shippes shall everye watche shoote off a good peece, and looke out well for smoke and fire, whych those that gette in first shall make every night, untill all the fleete bee come together.

13. That uppon the sighte of an ensigne in the mast of the Admirall, a peece shotte of the whole fleete shall repaire to the Admirall, to understande such conference as the Generall is to have with them.

14. If we chance to meet with any enemies, that foure shippes shall attend uppon the Admirall, viz.— the *Frances*

of *Foy*, the *Moone*, the barke *Dennis*, and the *Gabriell*: and foure upon my Lieutenant Generall in the *Judith*, viz. —the *Hopewell*, the *Armenall*, the *Beare*, and the *Salomon*: and the other foure upon the Vize-admirall—the *Anne Frances*, the *Thomas of Ipswich*, the *Emanuel*, and the *Michaell*.

15. If there happen any disordered person in the fleete, that he be taken and kept in safe custodie until he may conveniently be brought aboorde the Admirall, and there to receive such punishment as his or their offences shal deserve.

By me, MARTINE FROBISHER.

OURE DEPARTURE FROM ENGLAND.

Having received these articles of direction, we departed from Harwich the one and thirtith of May; and, sayling alongst the south partes of England westward, wee at length came by the coast of Ireland, at Cape Cleare, the sixth of June, and gave chace there to a small barke, which was supposed to be a pyrat or rover on the seas; but it fell out in deede that they were poore men of Bristowe, who hadde mette with suche company of Frenchmen as had spoyled and slayne manye of them, and left the rest so sore wounded that they were lyke to perishe in the sea, havng neyther hande nor foote hole, to helpe themselves withall, nor victuals to susteyne theyr hungrie bodyes. Oure Generall, who well understandeth the office of a souldioure and an Englishman, and knoweth well what the necessity of the sea meaneth, pitying much y^e miserie of the poore men, releived them with surgerie and salves, to heale their hurtes, and with meate and drinke to comfort their pining hartes. Some of them having neither eate nor drinke more than olives and stinking water in many days before (as they reported). And after this good deed done, haveinge a large winde, we kept our course uppon our sayde voyage withoute staying for the taking in of freshe water or any other pro-

A charit-
able deede.

Marke thys
currant.

vision, whereof many of the fleete were not thoroughly furnished (and sayling towards the north-west partes from Ireland, we mette with a great currante from oute of the south-west, which carryed us (by our reckoning) one point to the north-estwardes of our said course, which currant seemed to us to continue itselfe towards Norway and other the north-east partes of the world, whereby we may be indued to believe that this is the same whiche the Portugalles meete at Capo d'Buona Speranza, where, striking over from thence to the Straytes of Magellanes, and finding no passage there for the narrownesse of the sayde Straytes, runneth alongst into the greate Bay of Mexico, where, also having a let of lande it is forced to strike backe agayne towards the north-east, as we not only heere, but in another place also, further to the northwardes, by good experience this yeare have founde, as shall be heereafter in his place more at large declared.

Nowe had wee sayled aboute foureteene dayes withoute sight of any land or any other living thing, except certayne fowles, as wylmots, nodies, gulles, etc., whiche there seeme only to live by sea.

Weast
England.

The twentieth of June, at two of the clocke in the morning, the Generall descryed land and found it to be Weast Freese-lande, now named Weast England. Heere the Generall and other gentlemen wente ashoare, being the fyrste knowen Christians that we have true notice of, that ever set foote upon that ground; and therefore the Generall toke possession thereof to the use of our Sovereigne Lady the Queenes Majestie, and discovered heere a goodly harborough for the shippes, where were also certaine little boats of that countrey. And being there landed, they espied certayne tents and people of that countrey which were (as they judge) in all sortes, very like those of Meta Incognita, as by theyr apparell and other things which we found in theyr tentes appeared.

The savage and simple people, so soone as they perceyved

our men comming towardes them (supposing there had bin no other worlde but theirs), fledde fearfully away, as men muche amazed at so strange a sight, and creatures of humane shape, so farre in apparell, complexion, and other things differente from themselves. They left in their tents all their furniture for haste behinde them, where, amongst other things, were founde a boxe of small nayles and certaine redde hearings, boordes of firre tree well cutte, with dyvers other things artificially wroughte, whereby it appeareth that they have trade with some civill people, or else are in deede themselves artificiall workemen.

Oure menne broughte away wyth them onely two of theyr dogges, leaving in recompence belles, looking glasses, and dyvers of oure countrey toyes behynde them.

This countrie no doubtte promiseth good hope of great commoditie and riches, if it maye be well discovered. The description whereof you shall finde more at large in my seconde booke, page 5.

Some are of opinion that this Weast Englande is firme land with the north-east partes of Meta Incognita, or else with Gronelande. And their reason is, bicause the people, apparell, boates, and other things are so like to theirs; and another reason is, the multitude of islands of ise whyche lay betweene it and Meta Incognita, doeth argue, that on the north side there is a bay, whych cannot be but by conjoining of these two landes together.

And havinge a fayre and large winde, wee departed from thence towardes Frobyshers Straites, the three and twentieth of June. But fyrste we gave name to a hyghe cliffe in Weast England, the laste that was in oure sight, and for a certaine similitude we called it Charing Crosse. Then we bare southerly towardes the sea, bycause to the northwardes of this coaste wee mette wyth muche driving ise, whiche by reason of the thicke mistes and weather might have bin some trouble unto us.

Charing
Crosse.

On Monday, the laste of June, wee mette with manye greate whales, as they hadde beene porposes.

A whale
stroke a
ship.

This same day the *Salamander* being under both hir corses and bonets, hapned to strike a greate whale with hir full stemme, wyth such a blow, that the ship stooode stil and stirred neither forward nor backward. The whale thereat made a great and ugly noise, and caste up his body and tayle, and so went under water, and within two dayes after there was founde a greate whale dead, swimming above water, which we supposed was that the *Salamander* stroke.

Frobishers
straites
choked up
with ice.

The seconde daye of July, early in the morning, wee had sight of the Queenes Forelande, and bare in with the lande all the daye, and passing thorow great quantitie of ise by nighte, were entered somewhat within the straites, percieving no waye to passe further in, the whole place being frozen over from the one side to the other, and as it were with many walles, mountaines, and bulwarkes of yse, choaked uppe the passage, and denied us entrance. And yet do I not thinke that this passage or the sea hereaboutes, is frozen over at any time of the yeare; albeit it seemed so unto us by the abundance of ise gathered together, whyche occupied the whole place. But I do rather suppose these ise to be bredde in the hollowe soundes and freshets thereaboutes, whyche, by the heate of the sommers sunne beeing loosed, doe emptie themselves wyth the ebbes into the sea, and so gather in great abundance there together.

Salte water
cannot
froese.

And to speake somewhat here of the auncient opinion of the frozen sea in these partes, I doe thinke it to be rather a bare conjecture of menne, than that ever anye manne hathe made experience of anye such sea. And that whiche they speake of Mare Glaciale may be truly thought to be spoken of these parts; for this maye well be called indeede the Ysie Sea, but not the Frosen Sea, for no sea consisting of salte water can be frozen, as I have more at large herein shewed my opinion in my seconde booke, page 6; for it seemeth im-

possible for any sea to be frozen which hath his course of ebbing and flowing, especiall ye in those places where the tides doe ebbe and flowe above tenne fadome. And also all these aforesaide ise, which we sometime met a hundreth mile from lande, being gathered out of the salt sea, are in taste fresh, and being dissolved, become sweet and wholesome water.

The cause why thys yeare we have beene more combred with ise (than at other times before) may be by reason of the easterly and southerly windes, whyche brought us more timely thither now than we looked for. Whiche blowing from the sea directl ye uppon the place of our straites, hath kept in the ise, and not suffered them to be caryed out by the ebbe to the maine sea, where they woulde in more shorte time have been dissolved. And all these fleeting ise are not onelye so daungerous, in that they winde and gather so neare together that a man may passe sometimes tenne or twelve myles as it were uppon one firme ilande of ise, but also for that they open and shutte together againe in suche sorte wyth the tydes and sea-gate, that whilest one shippe followeth the other wyth full sayles, the ise whyche was open unto the foremoste will joyne and close togyther before the latter can come to followe the fyrste, whereby manye tymes oure shippes were broughte into greate danger as beeing not able so sodainely to take in oure sayles, or staye the swifte way of oure shippes.

We were forced manye tymes to stemme and strike great rockes of ise, and so as it were make way through mightye mountaines, by which means some of the fleete, where they founde the yse to open, entred in, and passed so farre within the daunger thereof, with continuall desire to recover their post, that it was the greatest wonder of the world that they ever escaped safe, or were ever heard of againe. For even at this present, we missed two of the fleete, that is, the *Judith*, wherein was the Lieutenant Generall Captaine Fenton, and the *Michaell*, whome both we supposed hadde

bene utterlye lost, having not heard any tydings of them in moe than twentie dayes afore.

Bark
Dennys
sunk.

And one of our fleete named the barke *Dennys*, being of an hundreth tunne burden, seeking way in amongst these ise, received such a blowe with a rocke of ise, that she sunke downe therewith, in the sighte of the whole fleete. Howbeit, having signified hir daunger by shooting of a peece of great ordinaunce, newe succour of other shippes came so readily unto them, that the men were al saved with boates.

Part of the
house lost.

Within this shippe that was drowned there was parcel of our house, whiche was to be erected for them that shoulde staye all the winter in Meta Incognita.

This was a more fearefull spectacle for the fleete to beholde, for that the outrageous storme, whiche presentlye followed, threatened them the like fortune and daunger. For the fleete being thus compassed (as aforesayde) on every side with ise, having left muche behynde them, through which they had passed, and finding more before them, through which it was not possible to passe, there arose a sodaine and terrible tempest at the southeast, which blowing from the mayne sea directlye upon the place of the straytes, brought together all the yse aseaborde of us upon our backs, and thereby debarde us of turninge backe to recover sea roome againe: so that being thus compassed with danger on every side, sundrie men with sundrie devises sought the best way to save themselves. Some of the ships, where they could find a place more cleare of ise, and get a little berth of sea roome, did take in their sayles, and there lay adrift. Other some fastened and mored ancker upon a great iland of ise, and roade under the lee thereof, supposing to be better garded thereby from the outrageous windes and the daunger of the lesser fleeting ise. And againe some were so fast shut up and compassed in amongst an infinite number of great countreys and ilands of ise, that they were fayne to submit themselves and their ships to the mercie of

the unmercifull ise, and strengthened the sides of their ships with junckes of cables, beds, masts, planckes, and such like, whiche being hanged overboard, on the sides of their shippes, mighte the better defende them from the outrageous sway and strokes of the said ise. But as in greatest distresse, men of best value are best to be discerned, so it is greatly worthy commendation and noting with what invincible mind every captayne encouraged his company, and with what incredible labour the paynefull mariners and poore miners (unacquainted with suche extremities), to the everlasting renoune of our nation, dyd overcome the brunt of these so greate and extreame daungers; for some, even without boorde upon the ise, and some within boorde, upon the sides of their shippes, having poles, pikes, peeces of timber, and ores in their hands, stode almost day and night, withoute anye rest, bearing off the force, and breaking the sway of the ise, with suche incredible payne and perill that it was wonderfull to behold, which otherwise no doubt had striken quite through and through the sides of their shippes, notwithstanding our former provision; for plancks of timber, of more than three ynches thick, and other things of greater force and bignesse, by the surging of the sea and billow, with the ise were shevered and cutte in sunder at the sides of oure shippes, that it will seeme more than credible to be reported of. And yet (that which is more) it is faythfully and playnely to be proved, and that by many substantiall witnesses, that our shippes, even those of greatest burdens, with the meeting of contrary waves of the sea, were heaved up betweene ilandes of ise a foote welneere out of the sea above their watermarke, having their knees and timbers within boorde both bowed and broken therewith.

And amidst these extremes, whilest some laboured for defence of the shippes and sought to save their bodyes, other some of more mylder spirit soughte to save the soule by

devoute prayer and mediation to the Almighty, thinking indeede by no other meanes possible than by a divine miracle to have their deliverance; so that there was none that were eyther ydle or not well occupied, and hee that helde himselfe in best securitie had (God knoweth) but only bare hope remayning for his best safetie.

Thus all the gallant fleete and miserable men, without hope of ever getting forth agayne, distressed with these extremities, remayned heere all the whole night and parte of the next day, excepting foure shippes, that is, the *Anne Frances*, the *Moone*, the *Frances of Foy*, and the *Gabriell*, which being somewhat a seaboorde of the fleete, and beeing fast ships, by a winde, having a more scope of cleere, tryed it out all the time of the storme under sayle, beeyng hardly able to beare a coast of each.

And albeit, by reason of the fleeting ise, whych were dispersed heere almost the whole sea over, they were broughte manye times to the extreamest poynte of perill, mountaynes of ise tenne thousande tymes scaping them scarce one ynch, whiche to have stricken, had bin theyr presente destruction, considering the swifte course and way of the shippes, and the unwildynesse of them to stay and turne as a man would wish. Yet they esteemed it their better safetie, with such perill to seeke searoom, than without hope of ever getting libertie, to lie striving against y^e streame, and beating amongst the isie mountaines, whose hugeness, and monstrous greatnesse was suche, that no man woulde credite, but such as to their paynes sawe and felt it. And these foure shippes by the next day at noone, got out to sea, and were fyrste cleere of the ise, who nowe enjoying theyr own libertie, beganne anew to sorrowe and feare for their fellowes safeties. And devoutely kneeling aboute theyr mayne mast, gave unto God humble thanks, not only for themselves, but besought him lykewise highly for theyr friends deliverance. And even nowe, whilst amidst these

extremities, thys gallant fleete and valiant men were altogether over laboured, and forewatched, with the long and fearefull continuance of the foresayde dangers, it pleased God with his eyes of mercie to looke downe from heaven, to sende them help in good time, giving them the next daye a more favourable wind at the west northwest, whiche did not only disperse and drive forthe the ise before them, but also gave them libertie of more scope and searoom, and were by night of the daye following perceyved of the other foure shippes, where to their greatest comfort they enjoyed agayne the fellowship of one another. Some in mending the sides of theyr shippes, some in setting up their toppe mastes, and mending theyr sayles and tacklings. Agayne, some complayning of theyr false stemme borne away, some in stopping their leakes, some in recounting their dangers past, spent no small time and labour, that I dare well avouche, there were never men more daungerously distressed, nor more mercifully by God's Providence delivered. And heere of both the torn shippes, and the forweeryed bodyes of the men arrived, doe beare most evidente marke and witness. And now the whole fleete plyed off to seaward, resolving there to abide, untill the sunne might consume (or the force of wind disperse) these ise from the place of theyr passage: and beeing a good berth off the shore, they took in their sayles, and lay adrift.

The seaventh of July, as men nothing yet dismayed, we cast about towards the inward, and had sighte of lande, which rose in forme like the northerlande of the straytes, which some of the fleete, and those not the worst marriners, judged to be the north forlande: howbeit, other some were of contrary opinion. But the matter was not well to be discerned, by reason of the thicke fogge, whiche a long time hung uppon the coast, and the newe falling snowe which yearly altereth the shape of the land, and taketh away oftentimes the marriners markes. And by reason of the

Another
assault.

Fog, snow,
and mists
hinder the
mariners
marks.

darke mists, whiche continued by the space of twenty dayes together, this doubt grew the greater and the longer perillous. For wheras indeede we thought our selves to be upon the northeast side of Frobishers straytes, we were now carried to the southwestwards of the Queenes forlande, and being deceyved by a swift currant comming from the northeast, were brought to the southwestwards of our sayd course, many miles more than we dyd thinke possible could come to passe. The cause whereof we have since found, and shall be at large hereafter declared.

A currant.

Here we made a poynt of land, which some mistooke for a place in the straytes, called Mount Warwicke: but howe we shoulde be so farre shotte up so suddaynely within the sayde straytes, the expertest mariners began to marvell, thinking it a thing impossible, that they coulde be so farre overtaken in their accompts, or that any currant coulde so deceyve them heere, whiche they had not by former experience proved and found out. Howbeit, many confessed, that they founde a swifter course of floud than before time they had observed. And truly it was wonderfull to heare and see the rushling and noyse that the tydes do make in thys place, with so violente a force that our shippes lying a hull, were turned sometimes rounde aboute even in a momente, after the manner of a whirlpool, and the noyse of the streame no lesse to be hearde a farre off, than the waterfall of London Bridge.

James
Beare a
good

But whilst the fleete lay thus doubtfull amongst greate store of ise in a place they knewe not, withoute sighte of sunne, whereby to take the height, and so to know the true elevation of the pole, and withoute any cleare of lighte to make perfite the coast, the Generall with the captaynes and maysters of his shippes beganne doubtfully to question of the matter, and sent his pinnesse aboorde to heare eache mans opinion, and specially of James Beare, mayster of the *Anne Frances*, who was knowen to be a sufficient and skilfull

mariner, and having bin there the yeare before, had well observed the place, and drawne out cardes of the coast. But the rather this matter grew the more doubtful, for that Christopher Hall, chiefe pylot of the voyage, delivered a plaine and publike opinion in the hearinge of the whole fleete, that he had never seene the foresayd coast before, and that he could not make it for any place of Frobishers straites, as some of the fleete supposed, and yet the lands do lye and trend so like, that the best mariners therin may be deceived.

Christopher
Hall chief
pylot.

The tenth of July, the weather still continuing thicke and darke, some of the shippes in the fogge loste sighte of the Admirall and the rest of the fleete, and, wandering too and fro with doubtful opinion whether it were best to seeke backe againe to seaward through great store of ise, or to follow on a doubtfull course in a sea, bay, or straytes, they knew not, or alongst a coast, whereof by reason of the darke mists they could not discern the daungers, if by chance any rock or broken ground should lye of the place as commonly in these partes it doth.

The Vize-admirall, Captayne Yorke, considering the fore-sayd opinion of the pylot, Hall, who was with him in the *Thomas Allen*, having lost sight of the fleete, turned back to sea agayne, having two other shippes in company with him.

Also the Captaine of the *Anne Fraunces* having likewise lost companye of the fleete, and being all alone, helde it for best to turne it out to sea agayne, untyll they mighte have cleere weather to take the sunnes altitude, and with incredible payne and perill got out of the doubtfull place into the open sea agayne, being so narrowly distressed by the way by meanes of continuall fogge and ise, that they were many times ready to leape upon the iland of ise to avoyde the present daunger, and so hopyng to prolong life awhile, meante rather to dye a pining death.

Hard shifts
to save
mens lives.

Some hoped to save themselves on chestes, and some determined to tye the hatches of the shippes fast together and to bynde themselves wyth their furniture fast thereunto, and so to be towed with the shipboat ashore, whyche otherwise could not receyve halfe of the companye; by whiche means, if happilie they hadde arrived, they shoulde eyther have perished for lacke of foode to eate, or else shoulde themselves have bene eaten of those ravenous, bloudye, and man-eating people.

The rest of the fleete following the course of the Generall, whyche ledde them the way, passed up above 60 leagues within the sayd doubtfull and supposed straytes, havng alwayes a fayre continente upon their starreboorde syde, and a continuance still of an open sea before them.

Mistaken
straits.

The Generall, albeit with the fyrste perchance he found out the error, and that this was not the old straytes, yet he persuaded the fleete alwayes that they were in their righte course and knowne straytes. Howbeit, I suppose he rather dissembled his opinion therein than otherwyse, meaning by that policie (being hymself ledde with an honorable desire of further discoverie) to enduce y^e fleete to follow him to see a further prooffe of that place. And, as some of the company reported, he hath since confessed that, if it had not bin for the charge and care he had of y^e fleete and fraughted shippes, he both would and could have gone through to the south sea, called Mare del Sur, and dissolved the long doubt of the passage which we seeke to find to the rich cuntry of Cataya.

Frobisher
could have
passed to
Cataya.

Fair open
way.

1. Of which mistaken straytes, considering the circumstance, we have great cause to confirme our opinion to like and hope well of the passage in this place. For the foresaide bay or sea the further we sayled therein the wyder we found it, with great likelyhoode of endlesse continuance. And wherein other places we were muche troubled wyth ise, as in the entrance of the same, so after we had sayled 50

or 60 leagues therein, we had no let of ise or other thing at all, as in other places we found.

Reasons
prove a
passage
here.

2. Also this place seemeth to have a marvellous greate indrafte, and draweth unto it most of the drift yse and other things which do fleete in the sea, eyther to the north or eastwards of the same, as by good experiance we have founde.

Great in-
drafts.

3. For heere also we mette with boordes, lathes, and divers other things driving in the sea, which was of the wracke of the shippe called the barke *Dennys*, which perished amongst the ise, as beforesaid, being lost at the first attempt of the entrance overthwart the Queens Foreland, in the mouth of Frobishers Straits, whiche could be by no means have bin so brought thither neyther by winde nor tide, being lost so many leagues off, if by force of the sayde currant the same had not bin violently brought. For if the same hadde bin brought thither by the tyde of flodde, looke how farre in the said flodde had caried it, the ebbe would have recaryed it as farre backe agayne, and by the winde it could not so come to passe, bycause it was then sometime calme, and most times contrary.

Currant.

And some marriners doe affyrme that they have diligently observed y^t there runneth in this place nine houres flodde to three ebbe, which may thus come to passe by force of the saide currant: for whereas the sea in most places of the world doth more or lesse ordinarily ebbe and flow once every twelve houres, with sixe houres ebbe and sixe houres floud, so also would it doe there, were it not for the violence of this hastning currant, which forceth the floud to make appearance to beginne before his ordinary time one houre and a halfe, and also to continue longer than his natural course by an other houre and a halfe, until the force of the ebbe be so greate that it will no longer be resisted (according to the saying: *Naturam expellas furca licet tamen vsq. recurrit.* Although nature and natural courses be forced

Nine hours
floude to
nine hours
ebbe.

and resisted never so much, yet at last it will have their own sway againe).

Moreover, it is not possible that so great course of floods and currents, so high swelling tides with continuance of so deepe waters, can be digested here without unburdening themselves into some open sea beyond this place, which argueth the more likelihood of the passage to be hereabouts. Also we suppose these great indrafts do growe and are made by the reverberation and reflection of that same current, which at our coming by Irelande mette and crossed us, of which in the firste parte of this discourse I spake, whyche coming from the bay of Mexico, passing by, and washing the south west parts of Ireland, reboundeth over to the northest parts of the world, as Norway, Islande, etc., where, not finding any passage to an open sea, but rather is there increased by a new access, and another current meeting with it from y^e Scythian Sea, passing the bay of Saint Nicholas westwarde, doeth once againe rebounde backe by the coasts of Groenland, and from thence upon Frobishers straites being to the southwestwardes of the same.

The sea
moveth
from east to
west con-
tinually.

5. And if that principle of philosophy be true, that *Inferiora corpora reguntur à superioribus*, that is, if inferior bodies be governed, ruled and caried after the maner and course of the superiors, then the water being an inferior element, must needs be governed after the superior Heaven, and so to follow the course of *Primum mobile* from east to west.

Authoritie.

6. But everye man that hath written or considered anye thing of this passage, hath more doubted the retourne by the same waye, by reason of a greate downfall of water, whyche they imagine to be thereabouts (which we also by experience partly find) than anye mistruste they have of the same passage at all. For we find (as it were) a great downfall in this place, but yet not much, but that we may return, although with suche adoe. For we were easilyer caried in in

one houre than we coulde gette forth againe in three. Also by an other experience at another time we founde thys currant to deceive us in this sort:—That, whereas we supposed to bee 15 leagues off, and lying a hull, we were brought within 2 leagues of the shoare, contrarie to al expectation.

Hard, but
yet possible,
turning
back againe.

Oure menne that sayled furthest in the same mistaken straites (having the maine lande uppon their starbord side), affyrme that they mette with the outlet or passage of water whiche commeth throwe Frobyshers straites, and followeth as all one into this passage.

Some of our companye also affyrme that they had sighte of a continent upon their larbord side, being 60 leagues within the supposed straites: howbeit excepte certaine ilandes in the entraunce hereof, we could make no parte perfect thereof. All the foresaid tract of land seemeth to be more fruitful and better stored of grasse. Deere, wilde foule, as partridges, larkes, seamews, guls, wilmots, falcons, and tassell gentils, ravens, beares, hares, foxes, and other things, than any other parte we have yet discovered, and is more populous. And here Luke Ward, a gentleman of y^e company, traded merchandize, and did exchange knives, bells, looking-glasses, &c., with those countrey people who brought him foule, fishe, beares-skinnes, and suche like, as their countrey yeeldeth for the same. Here also they saw of those greater boates of the country with twentie persons in apecece.

Traffic.

Nowe, after the Generall hadde bestowed these manye dayes here, not without many daungers, he returned backe againe. And by the way sayling alongst this coaste (being the backside of the supposed continent of America), and the Queenes Forelande, he perceived a great sounde to goe thorowe into Frobyshers Straits. Whereuppon he sente the *Gabriell* the one and twentieth of July, to prove whether they mighte go thorough and meete agayne with him in the

Return out
of the mis-
taken
straits.

straites, which they did, and as we imagined before, as the Queenes Forelande proved an island, as I thinke most of these supposed continentes will. And so he departed to-wardes the straites, thinking it were highe time nowe to recover hys porte and to provide the fleete of their lading, whereof he was not a little carefull, as shall by the processe and his resolute attempts appeare. And in his returne with the rest of the fleete, he was so entangled by reason of the darke fogge, amongst a number of ilandes and broken ground that lyeth of this coast, that many of the ships came over the top of rocks, which presently after they might perceive to ly a drie, havying not halfe a foote water more than some of their ships did draw. And by reason they coulede not with a small gale of wind stem the force of y^e floud, whereby to go cleare of y^e rocks, they were faine to let an ancker fall with twoo bent of cable together, at a c and odde fadome deapth, where otherwise they had bin by the force of the tides carried upon y^e rocks again, and perished: so that if God in these fortunes, as a merciful guyde, (beyond y^e expectation of man) had not carried us thorow, we had surely more than x. m. times perished amidst these dangers. For being many times driven harde aboorde the shoare withoute any sighte of lande, untill we were readye to make shipwracke thereon, beeing forced commonly with oure boates, to sound before oure shippes, least we might light thereon before we could discerne the same. It pleased God to give us a cleare of sunne and light, for a short time, to see and avoide thereby the daunger, having been continually darke before, and presently after. Manye times also by means of fogge and currants, being driven neare uppon the coaste, God lent us even at the very pintch one prosperous breath of winde or other, whereby to double the land and avoide the perill, and when that we were all withoute hope of helpe, every man recommending himselfe to death, and crying out, Lorde now helpe or never: nowe Lorde look downe from Heaven and save us sinners, or else oure safetic commeth too

Great
Dangers.

late: even then the mightie maker of Heaven, and our mercifull God, did deliver us: so that they who have bin partakers of those daungers, do even in their souls confesse, that God even by miracle hath sought to save them, whose name be praised evermore.

Long tyme nowe the *Anne Frances* had layne beating off and on all alone, before the Queenes forelande, not beeing able to recover their porte for ise, albeit many times they daungerously attempted it, for yet the ise choaked up the passage, and woulde not suffer them to enter. And havynge never seen any of the fleete since twentie dayes past, when by reason of the thicke mistes they were severed in the mistaken straites, did nowe this present three and twentieth of July overthwart a place in the straites called Hattons Hedland, where they met with seven shippes of the fleete again, which good hadde did not only rejoyce them, for themselves, in respect of the comforte whiche they received by suche good companie, but especially, that by this means they were put out of doubt of their freendes, whose safeties long time they did not a little suspect and feare.

Anne Frances met with some of the fleet.

At their meeting they hailed the Admirall after the manner of the sea, and with great joy welcomed one another with a thundring voly of shot. And now every man declared at large the fortunes and dangers which they hadde passed.

The foure and twentieth of July we mette with the *Frances of Foy*, who with much adoe soughte way back againe thorowe the yse from out of the mistaken straites, where to their greate perill, they proved to recover their porte. They broughte the first newes of the Vizeadmirall Capitaine Yorke, who many dayes with themselves, and the *Busse* of Bridgewater was missing. They reported that they left the Vizeadmirall reasonably cleare of the ise, but the other shippe they greatly feared, whom they coulde not come to helpe, being themselves so hardly distressed, as never men more. Also they told us of the *Gabriel*, who having got

Frances of Foy.

Bridge-water ship.

thorow from the backside, and wester point of the Queens forelande, into Frobyshers Strates, fell into their companye about the Cape of Good Hope.

And upon the seaven and twentieth of Julye, the ship of Bridgewater gote oute of the ise, and met with the fleete whiche laye off and on under Hattons Hedland. They reported of their marvellous accidents and daungers, declaringe their shyppe to be so leaky, that they must of necessitie seeke harborow, having their stem beaten within theyr huddings, that they hadde muche adoe to keepe themselves above water. They had (as they say) five hundreth strokes at the poupe in lesse than half a watche, being scarce two houres. Their menne being so over-wearied therewith, and with the former dangers, that they desired helpe of menne from the other shippes. Moreover, they declared, that there was nothing but ise and daunger, where they hadde bin, and that the straites within was frozen uppe. And that it was the moste impossible thyng in the world, to passe up unto the Countesse of Warwicks sounde whiche was the place of our porte.

Straits
frozen over.

The reporte of these daungers by these shippes thus published amongst the fleete, wyth the remembraunce of the perills past, and those present before their face, brought no small feare and terror into the hartes of many considerate men. So that some beganne privily to murmur against the Generall for this wilfull manner of proceeding. Some desired to discover some harborowe thereabouts, to refreshe themselves, and reforme their broken vesselles for a while, untill the north and northwest winds might disperse the ise, and make the place more free to passe. Other some forgetting themselves, spake more undutifully in this behalfe, saying: that they hadde as leewe be hanged when they came home, as without hope of safetie, to seeke to passe, and so to perishe amongst the ise.

The Generall not opening his cares to the peevishe passion

of anye private person, but chiefly caryng for the publicke profite of his countries cause, and nothing at all regardyng hys owne ease, lyfe, or safetie, but especiallye respecting the accomplishment of the cause he had undertaken, (wherein the chiefe reputation and fame of a Generall and Capitaine consisteth), and calling to his remembrance the shorte time he hadde in hande, to provide so great number of shyppes their loading, determind with this resolution, to passe and recover his porte, or else there to bury himselfe with hys attempte, and if suche extremitie so befell him, that he muste needes perish amongst the ise, when all hope shoulde be past, and all hope of safetie set aside, having all the ordinance within boorde well charged, resolved wyth powder to burne and bury himselfe and all together with hir Majesties shyppes. And with this peal of ordinance, to receive an honourable knell, instead of a better burial, esteeming it more happy so to end hys life, rather than himself, or any of his company or anye one of hir Majesties shyppes shoulde become a praye or spectacle to those base bloudye and man eating people.

A valiant
mind of
Frobisher.

Notwithstanding, somewhat to appease the feeble passions of the fearefuller sorte, and the better to entertaine time for a season, whilst the ise might the better be dissolved, hee haled on the fleete, wyth beleefe, that he would put into harborowe: thereuppon whilst the sheppes laye off and on, under Hattons Hedlande, he soughte in wyth his pynnesses amongst the islands there, as though hee meant to searche for harborow, where indeede he meant nothinge less, but rather sought if any ore mighte be found in that place, as by the sequel appeared.

In the mean time, whilst the fleete laye thus doubtfull withoute anye certaine resolution what to do, being harde aboorde the leeshore, there arose a sodaine and terrible tempest at the southsoutheast, whereby the ise began marvelously to gather about us.

Whereuppon everye manne, as in such case of extremitie he thoughte beste, soughte the wisest waye for his owne safetie. The most parte of the fleete whych were further shotte uppe within the straites, and so farre to the leewarde, as that they coulde not double the lande, following the course of the General, who led them the way, tooke in their sailes, and laide it a hull amongst the ise, and so passed over the storme, and hadde no extreamitie at all, but for a short time in the same place.

Howbeit the other shyppes whiche plyed oute to seawarde, hadde an extreame storme for a longer season. And the nature of the place is suche, that it is subject diversely to divers winds according to the sundrie situation of the great alps and mountaynes there, every mountayne causing a severall blaste, and pirrie, after the manner of the Levant.

Snow in
July.

In this storme being the sixe and twentieth of July, there fell so much snow, with such bitter cold air, that we could scarce see one another for the same, nor open our eyes to handle our ropes and sayles, the snow being above halfe a foote deepe upon the hatches of oure shippe, which did so wette thorow oure poore marriners clothes, that he that hadde five or sixe shifte of apparell, had scarce one drie threede to his backe, whiche kinde of wette and coldnesse, together with the over labouring of the poore menne amidst the ise, breed no small sicknesse amongst the fleete, which somewhat discouraged some of the poor men, who had not experience of the like before, everye man perswading himselfe, that the wynter there must needs be extreme, where they be found so unseasonable a sommer.

Extreme
winter.

Great heat
in Meta In-
cognita.

And yet notwithstanding this cold ayre, the sunne many times hathe a marvellous force of heate amongst those mountains, insomuche, that when ther is no breth of wind to bring y^e cold ayre from the dispersed ise upon us, we shall be weary of the blominge heate, and then sodainly with a perry of wind whiche commeth down from y^e hollownes of

Unconstant
weather.

y^e hilles, we shal have such a breth of heate brought upon our face, as though we were entred some bastow or hote-house, and when the first of the pirry and blast is past, we shall have the winde sodainly anew blow cold againe.

In this storme the *Anne Fraunces*, the *Moone*, and the *Thomas of Ipswich*, who founde themselves able to holde it up with a sayle, and could double aboute the Cape of the Queens forelande, plyed oute to seawarde, holding it for better policie and safetie, to seeke sea roome, than to hazard the continuance of the storme, the daunger of the ise and the leeshore.

And being uncertaine at this time of the Generalls private determinations, the weather being so darke, that they coule not discerne one another, nor perceive which waye he wrought, betooke themselves to this course for best and safest.

The Generall notwithstanding the greate storme, following his owne former resolution, soughte by all meanes possible, by a shorter way, to recover his port, and where he saw the ise never so little open, he gat in at one gappe, and out at another, and so himself valiantly ledde the way through before, to induce y^e fleete to followe after, and with incredible payne and perill, at length gat through the ise, and upon the one and thirtith of July, he recovered his long wished porte after many attempts, and sundry times being put backe, and came to anker in the Countesse of Warwicke's sound, in the entrance whereof, when he thoughte all perill past, he encountred a great iland of ise, whyche gave the *Ayde* suche a blow, having a little before wayed hir anker a cocke bill, that it stroke the anker flouke through the shippes bowes under the water, whych caused so greate a leake, that with muche adoe they preserved the shippe from sinking.

The General
recovereth
his port.

At their arivall heere, they perceived two shippes at anker within the harborough, wheratt they began muche to marvel, and greatelye to rejoyce, for those they knew to be the

Michaell, wherein was the Lieutenant generall Captayne Fenton, and the small barke called the *Gabriell*, who so long tyme were missing, and never hearde of before, whome every man made the last reckning, never to heare of agayne.

Heere every man greatly rejoyced of their happie meeting, and welcomed one another after the sea manner, with their great ordinance, and when eache partie hadde reaped up their sundrie fortunes and perils past, they highlye praised God, and altogither uppon their knees gave hym due, humble and harty thanckes, and Mayster Wolfall, a learned man, appoynted by hir Majesties Councell to be theyr minister and preacher, made unto them a godly sermon, exhorting them especially to be thankefull to God for theyr strange and miraculous deliverance in those so dangerous places, and putting them in mynde of the uncertaintie of mans life, willed them to make themselves alwayes ready as resolute men to enjoy and accept thankfully whatsoever adventure his divine Providence should appoynt. This Mayster Wolfall being well seated and settled at home in his owne countrey, with a good and large living, having a good honest woman to wife, and very towardly children, being of good reputation among the best, refused not to take in hand this paynefull voyage, for the only care he had to save souls, and to reform those infidels if it were possible to Christianitie; and also partly for the great desire he hadde that this notable voyage, so well begun, might be brought to perfection, and therefore he was contented to stay there the whole yeare, if occasion had served, being in every necessary action as forward as the resolute men of all. Wherfor in this behalfe he may rightly be called a true pastor and minister of Gods word, which for the profite of his flocke spared not to venture his owne life.

Mayster
Wolfall
preacher.

The adventures of
Captain
Fenton and
his company.

But to retorne agayne to Captayne Fentons company, and to speake somewhat of their dangers (albeit they bee more

than by writing can be expressed). They reported, that from the night of the first storme, whiche was aboute the first day of July, untill seaven dayes before the Generalls arrivall, which was the sixe and twentieth of the same, they never saw any one day or houre wherein they were not troubled with continuall daunger and feare of death, and were twentie dayes almost together fast amongst the ise. They had their shippe stricken through and through on both sides, their false stem borne quite away, and could go from their shippes in some places uppon the ise very many miles, and might easily have passed from one iland of ise to another, even to the shore, and if God had not wonderfully provided for them and theyr necessitie, and time had not made them more cunning and wise to seeke strange remedies for strange kinds of dangers, it had been impossible for them ever to have escaped: for among other devises, wheresoever they founde any iland of ise of greater bignesse than the rest (as there be some of more than halfe a mile compasse about, and almost 400 fadome high), they commonly coveted to recover the same, and thereof to make a bulwarke for their defence, whereon having mored ancker, they roade under the lee thereof for a time, beeyng therby garded from y^e danger of the lesser driving ise. But when they must needes forgoe this newe founde forte, by meanes of other ise, whiche at length woulde undermine and compasse them round aboute, and when that by heaving of the billow they were therewith like to be brused in peces, they used to make fast the ship unto the most firme and broad peece of ise they could find, and binding hir nose fast thereunto, would fill all theyr sayles, whereon the winde havinge great power, would force forward the ship, and so the ship bearing before hir the yse, and so one yse driving forward another, should at length get scope and searoom. And having by this means at length put their enemies to flight, occupied the cleere place for a prettie season, among

Extremities
causeth
men to de-
vise new
arts and re-
medies.

Hard shifts.

sundry mountaines and Alpes of ise. One there was founde by measure to be sixty-five fadome above water, which for a kind of similitude was called Salomons porch. Some think these ~~lands~~ eight times so muche under water as they are above, by-cause of their monstrous weight. But now I remember, I saw very strange wonders, men walking, running, leaping, and shoting upon the maine seas forty miles from any land, withoute any shippe or other vessell under them. Also I saw fresh rivers running amidst the salt sea a hundred myle from land, which if any man will not beleeve, let him know that many of our company lept out of their shippe uppon ilandes of ise, and running there uppe and downe, did shoote at buttes uppon the ise, and with their calivers did kill great ceales, whiche use to lye and sleepe upon the ise, and this ise melting at the top by reflexion of the sun, came down in sundrye streams, whyche, uniting together, made a prettie brooke able to drive a mill.

The sayd Captayne Fenton recovered his porte tenne dayes before any man, and spent good time in searching for mine, and found good store thereof, which bycause it proved good, was after called Fentons Fortune. He also discovered about tenne miles up into the countrey, where he perceived neyther towne, village, nor likelyhoode of habitation, but seemeth (as he sayeth) barrenous as the other parts which as yet we have entred upon; but their victuals and provision went so scant with them, that they had determin'd to returne homeward within seaven dayes after, if the fleete had not then arrived.

The Generall after his arrivall in the Countesses Sound spent no time in vayne, but immediately at his first landing called the chiefe captaynes of his counsell together, and consulted with them for the speedier execution of such things as then they had in hand. At first, for searching and finding out good minerall for the miners to be occupied on. Then to give good orders to be observed of the whole

company on shore. And lastly, to consider for the erecting up the forte and house for the use of them which were to abide there the whole yeare. For the better handling of these and all other like important causes in this service, it was ordeined from hir Majestie and the Councell that the Generall should call unto him certayne of the chiefe captaynes and gentlemen in councell, to conferre, consult, and determine of all occurrets in this service, whose names are here as folow :

Captayne Fenton
 Captayne Yorke
 Captayne Best
 Captayne Carew
 Captayne Philpot

And in sea causes to have as assistants, Christopher Hal and Charles Jackman, being both very good pylots and sufficient mariners, whereof the one was chiefe pilot of the voyage, and the other for the discoverie. From the place of our habitation weastward, Maister Selman was appointed notarie, to register the whole manner of proceeding in these affaires, that true relation thereof might be made, if it pleased hir Majestie to require it.

The first of August every captaine, by order from the Generall and his counsell, was commanded to bring ashore unto the Countesses Iland al such gentlemen, souldiers, and myners, as were under their charge, with such provision as they had of victuals, tents, and things necessarye for the speedie getting together of mine, and fraught for the shippes.

The muster of the men being taken, and the victuals with all other things viewed and considered, every man was set to his charge, as his place and office required. The myners were appointed where to worke, and the mariners discharged their shippes.

Uppon the seconde of August was published and proclaymed, uppon the Countesse of Waricks Iland, with sound

of trumpet, certain orders by the General and his counsel appointed to be observed of the companie during the time of their abiding there. The copie whereof here followeth :

ORDERS SETT DOWN BY M. FROBISHER, ESQUIRE, CAPTAINE
 GENERALL FOR THE VOYAGE TO "CATAYA," TO BE
 OBSERVED OF THE COMPANIE DURING THE TIME OF
 THEIR ABODE IN "META INCOGNITA." PUBLISHED
 THE SECOND DAY OF AUGUST, 1578.

1. *Inprimis*, the Generall, in hir Majesties name, straightly chargeth and commandeth that no person or persons, with boate nor pinnesse, shall go ashoare, for any cause, but to the Countesse of Warwickes Ilande and Winters Fornace, without licence of the General, or his deputies. And if they fortune at anye time, having licence, to meet with any of the countrey people, that they shall not enter into any conference or armes wyth them, untill they have given intelligence thereof to the Generall or hys lieutenant.

2. Item, that no person, of what calling soever he be, shal make an assay of any maner of mettall, matter, or ore, in y^e partes nowe called Meta Incognita, but only suche as shal be appointed by the General, or in his absence by his lieutenant, to do the same: nor that anye person shall take up and keepe to his private use anye parte or parcel of ore, pretious stone, or other matter of commoditie to be had or founde in that lande, but he the sayde person so seased of such ore, stone, or other matter of commoditie shall with all speede, as soon as he can, defect the same, and make deliverie thereof to the generall, or his lieutenant generall, uppon paine to forfait for everye such ounce thereof, the value treble of anye wages he is to receive after the daye of such offence committed: and further, to receyve suche punishment as to hyr Majestie shall seem good.

3. Item, that no shippe or shippes shall take upon them

to loade any manner of ore without licence of the general, or he that shal be appointed deputie for him, for y^e view of the same.

4. Item that all the maisters of everye shippe or shippes within the fleete shal upon Mundaye next comming, by foure of the clocke in the morning, wyth all the most parte of theyr companies, make theyr repayre to the Countesses Ilande aforesaide, there to view and make such places, for loading and unloading of ore and other thyngs, as shall be most commodious and meete for that purpose.

5. Item, that no person or persons within this service, by sea or lande, shall use anye discovered¹ speeches, swearing, brauling, or cursing upon payne of imprisonmente.

6. Item, that no person or persons, eyther by sea or lande, shal draw his or theyr weapons in quarrellyng manner, to the intente to offende or disturbe the quiete of anye person or persons wythin thys service, uppon paine that being so taken, he or they whatsoever immediately to loose his right hande.

7. Item, that no person or persons shall washe their handes or anye other things, in the spring, uppon the Countesses Iland, where the water is used, and preserved for the dressing of their victuals, upon paine to receive such punishment as shall be thought good, by the Generall or his Lieutenant, for the same. And for the better preservation and health of everye manne, that no person or persons shall doe his easement but under the cliffes where the sea may washe the same awaye, upon paine that everye one so offending, for the first time shall be imprisoned in the billowe fourteene houres, and for the second time being so taken by the provost Martiall, to pay twelve pence.

8. Item, that no person or persons, of what nature or condition soever, shall cast out of their shippe or shippes, anye ballast or rubbish, into the roade, where these shippes now rydeth, or may conveniently ride, within this sounde, that

¹ Sic in original.

therby the same sounde or roade steade may be impaired, but shall carrie the same, and lay it where it may not offend. Uppon paine that every man so offending, the owner of such shippe or shippes, shall forfait the fraught of one tunne.

By me MARTYN FROBISHER.

In the meane time, whylest the mariners plyed their work, y^e Captains sought out new mynes, the goldfinders made tryall of the ore, the mariners discharged their shippes, the gentlemen for example sake laboured hartily, and honestly encouraged the inferiour sorte to worke. So that small time of that little leasure, that was left to tarrie, was spent in vaine.

The second of August the *Gabriel* arrived, who came from the Vizeadmirall, and being distressed sore with yse, put into harborrow neere unto Mount Oxford. And now was the whole flecte arrived safely at their port, excepting foure, besides the shippe that was loste, that is, the *Thomas Allen*, the *Anne Frances*, the *Thomas* of Ipswich, and the *Moone*, whose absence was some let unto the works and other proceedings, as well for that these shippes were furnished with the better sort of myners and other provision for the habitation.

The ninth of August, the Generall with the Captaynes of his counsell assembled together, beganne to consider and take order for the erecting up of the house or forte, for them that were to inhabit there the whole yeare, and that presently the masons and carpenters might go in hande therewith. First therefore they perused the bills of ladyng what every man received into his shippe, and found that there was arrived only the east side, and the south side of y^e house, and yet not that perfect and intier, for many peeces thereof were used for fenders in many shippes, and so broken in peeces, whyles they were distressed in the ise. Also after due examination had, and true accompt taken, there was founde want ofinke and fuel, to serve one hundreth men, which was the

Consulta-
tion for in-
habiting
Meta In-
cognita.

number appointed firste to inhabite there, bycause their greatest store was in the ships which were not yet arrived. Then Captaine Fenton seeing the scarcity of y^e necessary things aforesaid, was contented, and offred himselfe to inhabite there, with sixtie men. Wherupon they caused the carpenters and masons to come before them, and demanded in what time they woulde take upon them to erect up a lesse house for sixtie men. They required eight or nine weeks, if there were tymber sufficient, whereas now they had but six and twentie dayes in all to remayne in that countrey. Wherefore it was fully agreed upon, and resolved by the General and his counsell, that no habitation shoulde be there this yeare. And therefore they willed Maister Selman the Register, to set down this decree, with all their consents, for the better satisfying of hir Majestie, the Lords of the Counsel, and the adventurers.

The *Anne Frances*, since she was parted from the fleete, in the last storme before spoken of, could never recover above five leagues within the straights, the wind being some-tyme contrarie, and moste times the ise compassing them round about. And from that time, being aboute the seaven and twentieth of July, coulde neyther heare nor have sight of any of the fleete, untill the third of August, when they descried a sayle near to Mount Oxford, with whome when they had spoken, they could understande no newes of anye of the fleete at all. And this was the *Thomas of Ipswich*, who hadde layne beating off and on at sea, with very foule weather, and contrarye winds, ever since that foresaide storme, without sight of any man. They kept companye not long togyther, but were forced to lose one another again, the *Moone* being consort always with the *Anne Fraunces*, and keeping verie good companye plyed up togyther into the straites, with great desire to recover their long wished port; and attempted as often, and passed as far as possible the winde, weather, and ise, gave leave, whyche commonly they

found very contrary. For when the weather was cleare, and withoute fogge, then commonly y^e wind was contrarie. And when it was eyther easterly or southerly, which woulde serve their turnes, then had they so great a fogge, and darke miste therewith, that eyther they could not discerne way throw the ise, or else the ise laye so thicke together, that it was impossible for them to passe. And on the other side, when it was calme, the tydes hadde force to bryng the ise so sodaynlye about them, that commonlye then they were moste therewith distressed, having no winde to carry them from the daunger therof.

And by the sixte of August, being with much adoe got up as high as Leicester point, they had good hope to find the souther shore cleare, and so to passe uppe towards their porte. But being there becalmed, and lying a hull openly upon the greate bay whiche commethe oute of the mystaken straites before spoken of, they were so sodainely compassed with ise rounde about, by means of the swifte tydes whiche runne in that place, that they were never afore so hardly beset as nowe. And in seeking to avoyde these dangers in the darke weather, the *Anne Frances* lost sighte of the other two ships, who being likewise hardly distressed, signified their daunger, as they since reported, by shooting off their ordinaunce, which the other coulde not heare, nor if they had hearde, could have given them no remedie, being so busily occupied to winde themselves out of their owne troubles.

The Moone. The fleeboate called the *Moone*, was here heaved above the water with the force of the ise, and received a great leake therby. Likewise the *Thomas of Ipswich*, and the *Anne Frances* were sore brused at that instant, having their false stemme borne away, and their shippe sides stroken quite through.

Now considering the continuall daungers and contraries, and the little leasure that they had lefte to tarrie in these

partes, besides that every night the ropes of theyr shippes were so frosen, that a man coulde not handle them without cutting his handes, together with the great doubt they had of the fleetes safety, thinking it an impossibility for them to passe unto their port, as well for that they saw themselves, as for that they harde by the former reporte of the shippes which had proved before, who affirmed that the straites were all frosen over within. They thought it now very hie time to consider of their estates and safeties that were yet left together. And hereuppon the Captaines and maisters of these shippes desired the Captaine of the *Anne Frances* to enter into consideration with them of these matters, wherefore Captaine Tanfield of the *Thomas of Ipswich*, with his pylot Richard Coxe, and Captaine Upcote of the *Moone*, with his maister John Lakes came aboorde the *Anne Frances* the eight of August to consult of these causes. And being assembled together in the Captayne's cabin sundrie doubtbes were then alleaged. For the fearefuller sorte of mariners being overtyred with the continuall labour of the former daungers, coveted to returne homewarde, sayinge that they woulde not againe tempt God so much, who had given them so many warnings, and delivered them from so wonderfull daungers; that they rather desired to loose wages fraughte and all, than to continue and follow such desperate fortunes. Again their shippes were so leake, and the men so wearie, that to amende the one, and refreshe the other, they muste of necessitie seeke into harborow.

The *Anne Frances*,
the *Thomas of Ipswich*
and the
Moone con-
sult.

But on the other side, it was argued againe to the contrarie, that to seeke into harborowe thereaboutes was but to subject themselves to double daungers, for if happilye they escape the daungers of rockes in their entring, yet being in, they were nevertheless subject there to the daunger of the ise, which with the swift tydes and currents is carried in and out in most harborows thereaboutes, and may thereby gaule their cables asunder, drive them uppon the shoare, and bring

them to much trouble. Also the coast is so much subject to broken ground and rockes, especially in the mouth and entrance of every harborow, that albeit the channell be sounded over and over againe, yet are you never the neare to discerne the daungers. For the bottome of the sea, holding like shape and forme as the lande, beyng full of hilles, dales, and ragged rockes, suffereth you not, by your soundings, to knowe and keepe a true gesse of y^e depth, for you shall sounde upon the side or hollownesse of one hil or rocke under water, and have a hundreth, fiftie, or fortie fadome depth ; and before the next cast, ere you shall bee able to have your lead againe, you shall be upon the toppe thereof, and come aground to your utter confusion.

Another reason against going to harborow, was, that the colde ayre did threaten a sodaine freezing uppe of the sounds, seeing y^t every night there was new congealed ise, even of that water which remained within their shippes. And therefore it should seeme to be more safe to lye off and on at sea, than for lacke of winde to bring them forth of harborow, to hazard by sodaine frostes to be shut up the whole yeare.

Captaine
Besta reso-
lution.

After many such daungers and reasons alleaged, and large debating of these causes on both sides, the Captaine of the *Anne Frances* delivered his opinion unto the company to this effect. First, concerning the question of returning home, he thought it so much dishonorable, as not to grow in any further question : and, agayne, to returne home at length (as at length they must needes), and not to be able to bring a certayne report of the fleet, whether they were living or lost, or whether any of them had recovered their port or not in the Countesses Sounde (as it was to be thoughte the most part would if they were living), he sayd that it would be so great an argument, eyther of wante of courage or discretion in them, as he resolved rather to fall into any danger, than so shamefully to consent to retourne home,

protesting that it should never be spoken of him, that he woulde ever returne withoute doing his endeavour to finde the fleete, and knowe the certaynetie of the Generals safetic. He put his companie in remembrance of a pinasse of five tunne burthen, which he hadde within his ship, which was caryed in peeces, and unmade up for the use of those which shoulde inhabite there the whole yeare, the which if they coulde fynde meanes to joyne together, hee offered himselfe to prove before therewith, whether it were possible for any boate to passe for ice, whereby the shippes myghte bee broughte in after, and mighte also thereby gyve true notice, if any of the fleete were arrived at theyr porte or not.

But, notwithstanding, for that he well perceyved that the most parte of hys companie were addicted to put into harborow, he was willing the rather for these causes somewhat to encline thereunto. As first, to search alongst the same coast, and the soundes thereaboutes, he thoughte it to be to good purpose, for that it was likely to fynd some of the fleete there, whiche being leake, and sore brused with the ise, was the rather thoughte lykely to be put into an yll harborow, beyng distressed with foule weather in the last storme, than to hazard theyr uncertayne safeties amongst the isc; for about this place they lost them and lefte the fleete then doubtfully questioning of harborow.

It was lykely also, that they might fynde some fitte harborow thereaboutes, whyche myghte be hovefull for them against another tyme. It was not likewise impossible to fynde some ore or myne thereaboutes, wherewithall to fraughte theyr shyppes, whiche woulde bee more commodious in this place, for the neerenesse to seawarde, and for a better outlette, than further within the straytes, beyng lykely heere alwayes to loade in a shorter time, howsoever the strayte shoulde be pestered wyth ise within; so that if it myghte come to passe that thereby they mighte eyther fynd the fleete, mine, or convenient harborow,

these three would well serve theyr presente turnes, and gyve some hope and comforte unto theyr companyes whiche nowe were altogyther comfortlesse. But if that all fortune shoulde fall out so contrarye that they coulde neyther recover theyr porte nor anye of these aforesaide helps, that yet they would not yet departe the coast, as long as it was possible for them to tarrie there, but would lye off and on at sea athwart the place. Therefore hys final conclusion was sette downe thus:—Firste, that the *Thomas of Ipswiche* and the *Moone* shoulde consorte and keepe companye togyther carefully with the *Anne Frances* as neere as they could, and as true Englishmen and faythful friends should supplie one anothers want in all fortunes and dangers. In the morning following every shippe to sende of hys boate with a sufficient pylot to searche out and sounde the harboroughs for the safe bringing in of theyr shippes. And beeyng arrived in harborough where they mighte finde convenient place for the purpose, they resolved forthwith to joine and set togyther the pinasse, wherewythall the Captayne of the *Anne Frances* might, according to his former determination, discover up into the straytes.

After these determinations thus sette downe, the *Thomas of Ipswiche* the nyghte following lost company of the other shyppes, and afterwarde shaped a contrarye course homewarde, whyche fell oute, as it manyfestlie appeared, very much agaynst theyr Captayne, Mayster Tanfieldes, mynde, as by due examination before the Lordes of Hir Majesties most Honorable Privie Counsell, it hath since been proved to the greate discredite of the Pilot Coxe, who specially persuaded his company agaynste the opinion of hys sayde Captayne to returne home.

And, as the Captayne of the *Anne Frances* dothe witness, even at theyr conference togyther, Captayne Tanfield tolde hym that he did not a little suspect the said Pylot Coxe, saying, that he had neyther opinion in the man of honest duetie,

manhoode, or constancie. Notwithstanding the sayde shippes departure, the Captayne of the *Anne Frances*, beeyng desirous to putte in execution hys former resolutions, went with hys shyppes (beeyng accompanied also wyth the *Moones skyffe*) to prove amongst the ilandes which lye under Hattons Headland, if anye convenient harborough, or any knowledge of the fleete, or anye good ore was there to be found. The shyppes lying off and on at sea the whyle under sayle, and searching through many soundes, they saw them all full of manye dangers and broken grounde, yet one there was which seemed an indifferent place to harborow in, and whiche they did very diligentely sounde over and searched agayne.

Heere the sayde Captayne founde a great blacke iland, whereunto he had good liking, and certifying the company therof they wer somewhat comforted, and with the good hope of his words, rowed cheerfully unto the place where, when they arrived, they founde such plentie of blacke ore of the same sorte whiche was broughte into Eyglande thys last year, that if the goodnesse myghte aunswere the greate plentye thereof, it was to be thoughte that it might reasonably suffise all the golde gluttons of the worlde. Thys ilande the Captayne, for cause of his good happe, called after his owne name, Bestes blessing, and wyth these good tydings returning aboorde hys shippe the ninth of August, about tenne of the clocke at night, he was joyfully welcomed of hys companye who before were discomforted and greatelie expected some better fortune at hys handes.

Best's
Blessing.

The next daye beeyng the tenth of August, the weather reasonably fayre, they put into the foresayde harborough, having their boate for theyr better securitie sounding before theyr ship. But for all the care and diligence that coulde be taken, in soundyng the Channell over and over agayne, the *Anne Frances* came aground uppon a sunken rocke within the harborough, and lay thereon more than halfe drye untill the next flood, when, by Gods Almighty Provi-

The *Anne
Frances* in
danger.

The *Moone*
in har-
borow.

dence, contrarye almost to all expectation, they came afloate agayne, beeyng forced all that tyme to undersette theyr shippe wyth their mayne yarde, whyche otherwyse was lykely to oversette and put thereby in daunger the whole company. They hadde above two thousande strokes togyther at the pompe, before they coulde make theyr shyppe free of the water agayne, so sore shee was brused by lying upon the rockes. The *Moone* came safely, and roade at ancker by the *Anne Frances*, whose helpe in theyr necessitie they coulde not well have missed.

Now, whilst the marriners were romaging theyr shyppes and mending that whiche was amisse, the miners followed their laboure, for getting together of sufficient quantitie of ore, and the carpenters endeavoured to do theyr best for the making uppe of the boate or pinnesse, whiche to bring to passe, they wanted two speciall and moste necessary things; that is, certaine principal timbers that are called knees, which are the chiefest strength of any boate, and also nayles wherewithall to joine the plancks togyther. Whereupon, having by chance a smyth amongst them (and yet unfurnished of his necessarie tooles to worke and make nayles withall), they were faine of a gunne chamber to make an anvil to worke upon, and to use a pickaxe instead of a sledge to beat withall, and also to occupy two small bellows insteede of one payre of greater smyths bellows. And for lack of small iron, for the easier making of the nayles, were forced to breake their tongs, grydiern, and fiershovell in peeces.

Hattons
Hedland.

The eleventh of August, the Captaine of the *Anne Frances* taking the maister of hys ship with hym, went up to the toppe of Hattons Hedland, which is the highest lande of all the straites, to the ende to descry the situation of the country underneath, and to take a true plot of the place, whereby also to see what store of the ise was yet lefte in the straites, as also to searche what mine, matter, or fruite that

soyle myght yeelde. And the rather for the honor y^e said Captaine doth owe to that honorable name which himselfe gave thereunto the last yeare in the highest parte of this hedlande, he caused his companye to make a colunne or crosse of stone, in token of Christian possession. In this place there is plenty of blacke ore and divers preatie stones.

The seaventeenth of Auguste, the Captaines wyth their companies chased and killed a greate white beare, whiche adventured and gave a fierce assaulte upon twentie men being weaponed. And he served them for good meat many dayes after.

The eighteenth of August, the pinnesse with mucche adoe being set togyther, the saide Captaine Beste determined to depart upon the straites to prove and make trial, as before was pretended, some of his companye greatlye persuading him to the contrarie, and specially the carpenter that set the same together, who saide that he would not adventure himselfe therein for five hundreth poundes, for that the boate hung together but onelye by the strength of the nayles, and lacked some of her principall knees and tymbers.

A pinnesse
there built.

These words somewhat discouraged some of the company which should have gone therein. Whereupon the Captaine, as one not altogether addicted to his owne selfe will, but somewhat foreseeing how it might be afterwards spoken, if contrarye fortune should happen him (lo, he hath followed his owne opinion and desperate resolutions, and so thereafter it has befallen him), calling the maister marriners of beste judgement togyther, declared unto them howe much the cause imported him in his credite to seeke out the Generall, as well to conferre with him of some causes of waight as otherwise to make due examination and triall of the goodnesse of the ore, whereof they had no assurance but by guesse of the eye, and was wel like the other : which, so to carry home, not knowing the goodnesse thereof, might be as much as if they should bring so many stones. And, there-

fore, hee desired them to delyver their plaine and honest opinion, whether the pinnasse were sufficient for him so to adventure in or no. It was answered, that by carefull heede taking thereunto amongst the ise and the foule weather, the pinnasse might suffice. And hereupon the maisters mate of the *Anne Frances*, called John Gray, manfully and honestly offering himself unto his Captain in this adventure and service, gave cause to others of hys marriners to follow the attempt.

And upon the nineteenth of August the said Captain being accompanied with Captaine Upcote of the *Moone*, and xviii persons in the small pinnasse, having convenient portion of victualles and things necessary, departed upon the said pretended voyage, leaving their shippe at ancker in a good readinesse for the taking in of their freight. And having little winde to saile withall, they plyed alongest the souther shoare, and passed above 30 leagues, having the onely helpe of mans labour with ores, and so entending to keepe that shoare aboorde untill they were gotte up to the farthest and narrowest of y^e straites, minded there to crosse over and to search likewise alongest the northerland unto the Countesses Sound, and from thence to passe all that coaste along, whereby if any of the fleete hadde been distressed by wracke of rocke or ise, by that meanes they might be perceived of them, and so they thereby to give them such helpe and reliefe as they could. They did greatly feare and ever suspecte that some of the fleete were surely caste away and driven to seeke sowre sallets amongst the colde cliffes.

And being shot up about 40 leagues within y^e straites, they put over towards y^e norther shore, which was not a little daungerous for theyr small boate. And by meanes of sodaine flawe were driven and faine to seek harborow in the night amongst all the rockes and broken grounde of Gabriells Ilandes, a place so named within the straites above

the Countesse of Warwicks Sounde. And by the way where they landed they did find certaine great stones sette uppe by the countrie people, as it seemed for markes, where they also made manye crosses of stone in token that Christians had bin there. The xxii of August they hadde sighte of the Countesse Sounde, and made the place perfecte from the toppe of a hill, and keepyng along the norther shoare perceived the smoake of a fyre under a hylles side, whereof they diverslye deemed when they came nearer the place, they perceyved people whiche wafted unto them, as it seemed, with a flagge or auncient. And bycause the canniballes and countrie people had used to doe the lyke when they perceived any of our boats to passe by, they suspected them to be the same. And coming somewhat nearer they might perceive certayne tents and discerne this auncient to be of mingled colours, black and white, after the English fashion. But bycause they could see no shippe nor likelihoode of harborow within five or sixe leagues aboute, and knewe that none of oure men were wonte to frequent those partes, they coulde not tell what to judge thereof, but imagined that some of the shyppes being caried so highe wyth the storme and mistes, had made shipwracke amongst the ise or the broken ilandes there, and were spoyled by the country people, who might use the sundrie coloured flagge for a policie to bring them likewise within their daunger. Whereupon the saide Captaine, wyth his companies, resolved to recover the same auncient, if it were so, from those base, cruell, and man-eating people, or else to lose their lives, and all together. One promised himselfe a payre of garters, another a scarffe, the third a lace to tye hys whistle withal of the same. In the ende, they discerned them to be their countreyemen, and then they deemed them to have loste theyr shyppes, and so to be gathered togyther for theyr better strength. On the other side, the commanye a shoare feared that the Captaine

came to seeke forth the flecte for his reliefe in hys poore pinnesse, so that their extremities caused cache parte to suspect the worste.

*Proximus
sum egomet
mihl.*

The captaine nowe with his pinnesse being come neere the shoare, commanded his boate carefully to be kepte afloat, least in their necessitie, they might winne the same from hym, and seeke first to save themselves (for everye manne in that cause is nexte himselfe). They haled one another according to the manner of the sea, and demanded what cheare; and either partie answered y^e other, that all was well; whereuppon there was a sodaine and joyfull out-shoote, with greate flinging up of cappes, and a brave voly of shotte to welcome one another. And truelye it was a moste straunge case, to see howe joyfull and gladde everye partie was to see themselves meete in safetie againe, after so strange and incredible daungers; yet to be shorte, as theyr daungers were greate, so their God was greater.

*Captaine
York
arrived.*

And here the company were workyng uppon newe mines, which Captayn Yorke being here arrived not long before, hadde founde out in this place, and it is named the Countesse of Sussex Mine.

After some conference wyth oure friends here, the Capitaine of the *Anne Frances* departed towards the Countesse of Warwickes Sounde to speake with the Generall, and to have triall made of suche mettall as he hadde broughte thither, by the goldfinders. And so determined to dispatche againe towards his shippe. And having spoken wyth the Generall, he received order for all causes, and direction as well for the bringing uppe of his shippe to the Countesses Sounde, as also to freight his shippe with the same ore he himselfe hadde found, which upon triall made, proved to be very good.

The thirteenth of Auguste, the saide Capitaine mette together with the other Capitaines (Commissioners in counsell with the Generall) aboorde the *Ayde*, where they considered

and consulted of sundrie causes, which, particularly registred by the notarie, were appointed, where and howe to be done against an other yeare.

The fourteenth of August the Generall with two pinnesses and good numbers of men, wente to Beare's Sounde, commanding the said capitaine with his pinnesse to attend the service, to see if he could encounter or apprehend any of the caniballes, for sundry tymes they showed themselves busy thereabouts, sometimes with seven or eight boates in one company, as though they minded to encounter with our company, which were working there at the mines, in no greate numbers. But when they perceived anye of our shippes to ride in that roade (being belike more amazed at the countenance of a shippe, and a more number of men) didde never shewe themselves againe there at all. Wherefore our men soughte with their pinnesses to compass aboute the iland, where they did use, supposing there sodainely to intercept some of them. But before our men coulde come neare, having belike some watch in the toppe of the mountaines, they conveyed themselves privily away, and lefte (as it shoulde seeme) one of their great dartes behinde them for haste, whiche we founde neare to a place of their caves and housing. Therefore, though our Generall were very desirous to have taken some of them to have broughte into Englande, they being nowe grown more wary by their former losses, would not at any time come within our daungers. About midnight of the same day the capitaine of the *Anne Frances* departed thence and set his course over the straites towards Hattons Hedland, being about fiteene leagues, and returned aboard his ship over, the five and twentithe of Auguste, to the greate comforte of his company, who long expected his comming, where he founde hys shippes ready rigged and loaden. Wherefore he departed from thence agayne the next morning towards the Countesses Sounde, where he arrived the eight and twentith of the

None of the
people will
be taken.

same. By the way he sette hys miners ashoare at Bares Sounde, for the better dispatche and gathering the ore together, for that some of the ships were behinde with their fraighte, the time of the yeare passing speedily away.

A house
builded and
left there.

The thirtieth of August the *Anne Frances* was brought aground, and had viij great leakes mended, whiche she had received by means of the rocks and ise. This daye the masons finished a house whiche Captaine Fenton caused to be made of lyme and stone upon the Countesse of Warwickes Ilande, to the ende we mighte prove against the nexte yeare, whether the snow coulde overwhelm it, the frosts break uppe, or the people dismember the same. And the better to allure those brutish and uncivill people to courtesie, againste other times of our comming, we lefte therein dyvers of our countrie toyes, as bells, and knives, wherein they specially delight, one for the necessarie use, and the other for the great pleasure thereof. Also pictures of men and women in lead, men a horsebacke, lookinglasses, whistles, and pipes. Also in the house was made an oven, and breade left baked therein, for them to see and taste.

We buried the timber of our pretended forte, with manye barrels of meale, pease, griste, and sundrie other good things, which was of the provision of those whych should inhabite, if occasion served. And insteede therof we freight oure ships full of ore, whiche we holde of farre greater price. Also here we sowed pease, corne, and other graine, to prove the fruitfulnessse of the soyle against the next yeare.

Maister Wolfall on Winters Fornace preached a godly sermon, which being ended, he celebrated also a communion upon the lande, at the partaking whereof was the capitaine of the *Anne Frances*, and manye other gentlemen and soldiours, marriners and miners wyth hym. The celebration of divine mistery was y^e first signe, seale, and confirmation of Christes name, death and passion ever knowen in all these quarters. The said M. Wolfall made sermons, and

celebrated the communion at sundrie other times, in severall and sundrie ships, bicause the whole company could never meet together at any one place. The fleet now being in some good readinesse for their lading, y^e General calling together the gentlemen and captains to consult, told them that he was very desirous y^t some further discovery should be attempted, and y^t he woulde not only by Gods help bring home his shippes laden with golde ore, but also meant to bring some certificat of a further discoverie of y^e countrie, which thing to bring to passe (having sometime therein consulted) they founde verye harde, and almost invincible. And considering that already they hadde spent some time in searching out the trending and fashion of the mistaken straites, and had entred verye farre therein, therefore it coulde not be saide but that by thys voyage they have notice of a further discovery, and that the hope of the passage thereby is much furthered and encreased, as appeared before in the discourse thereof. Yet notwithstanding, if anye meanes mighte be further devised, the captaynes were contented and willing, as the Generall shoulde appointe and commande, to take any enterprise in hande. Whiche, after long debating, was found a thing verye impossible, and that rather consultation was to bee had of returning homewarde, especialllye for these causes following. First, the darke foggy mistes, the continuall fallyng snowe and stormy weather which they commonly were vexed with, and nowe daylye ever more and more encreased, have no small argument of the winters drawing neare. And also the froste everye nighte was so harde congealed within the sounde, that if by evill happe they shoulde be long kepte in wyth contrarye windes, it was greatly to be feared that they should be shutte uppe there faste the whole yeare, whych being utterly unprovided, would be their utter destruction. Againe, drinc
fleete, by means of t

Consultation for a further discoverie.

provision whyche was layde in for the habitation was wanting and wasted, but also eache shypes severall provision spent and lost, which many of oure companye, to their great griefe, founde in their returne since, for al the way homewards they dranke nothing but water. And the great cause of this leakage and wasting was, for that y^e great timber and seacole, which lay so waighty upon y^e barreles, brake, brused, and rotted y^e hoopes in sunder. Yet notwithstanding these reasons alledged, y^e Generall himselfe (willing the rest of the gentlemen and captaines every man to looke to his severall charge and lading, that against a day appointed they shoulde be all in a readinesse to sette homeward) himselfe went in his pinnesse and discovered further northward in the straytes, and found that by Beares Sound and Halles Iland the land was not firme, as it was first supposed, but all broken ilandes in manner of an archipelagus; and so, with other secret intelligence to himselfe, he returned to the fleete. Where presentlye, upon his arrivall at the Countesses Sound, he began to take order for their returning homeward, and first caused certayne Articles to be proclaymed, for the better keeping orders and courses in their returne, which Articles were delivered to every captayne, and are these that follow:—

ARTICLES SETTE DOWNE BY MARTIN FROBISHER, ESQUIER,
CAPTAYNE GENERALL OF THE WHOLE FLEETE, AP-
POYNTED FOR THE NORTHWEAST DISCOVERIES OF
CATAYA, PUBLISHED AND MADE KNOWEN TO THE
FLEETE FOR THE BETTER OBSERVING CERTAYNE ORDERS
AND COURSE IN THEIR RETURNE HOMEWARDE.

1. Firste and principallie he doth straytely charge and commaunde, by vertue of hir Majesties commission which he hath, and in hir Majesties name, that every captayne and captaynes, master and masters of the sayde fleete do vigilently and carefully keepe company with the Admirall, and

by no manner of meanes breake companye willingly now in our returne homewards, uppon payne of forfeiture his or their whole freyte, that shall be found culpable therein, and further to receyve suche punishment, as to hir Majestie shal seeme good therein, and also to answer all such damages or losses as may happen or growe by dispersing and breaking from the fleete. And therefore for the better keeping of companye, the Generall straytely chargeth and commaundeth all the maysters of these shippes, and every of them, that they repayre to speake with the Admirall once every daye, if he or they may convenientlye doe it, uppon payne of forfeiting of one tunne fraighte to hir Majestie, for every daye neglecting the same.

2. Item, that every mayster in the sayde fleete observe and keepe orderly and vigilantly all such articles as were outwards bounde, drawen, and published by the Generall in hyr Majesties name, whereof there was delyvered to every shippe a copie.

3. Item, that all captaynes and maysters of everye ship and shippes doe proclaime and make it knowen to their companye, that no person or persons within the sayde fleete, of what condition soever, doe take or keepe to theyr use or uses any ore or stones, of what quantitie so ever it be, but forthwith upon publication hereof, to delyver them and yeele them to the custodie of the captayne to deliver unto the Generall his officers, that shall be appointed to call for them upon payne or losse of his or their wages, and treble the value of them or him that shall be founde giltie, the one halfe thereof to be given unto him that shal apprehend any suche person, and the other halfe at hir Majesties appoyntment, and the partie founde gultie therein to be apprehended as a fellow.

4. Item, that no person or persons convey or carrie out of any ship or shippes any ore or stone or other commoditie whatsoever were ha^{ve} the land called Meta In-

cognita, before they came in the place appoynted, which is against Dartford Creeke in y^e River of Thames, and then and there to deliver none to anye person or persons, but such as shall be appoynted by hir Highnesse most honorable Privie Counsell, upon the payne and danger abovesaid.

5. Item, forasmuche as in my voyage hither bounde, I landed upon Freseland, and divers other of the said fleete, which land I named West England, from which land some brought stones, ore, and other commodities, whereby hereafter they might use coulorable means, to convey as well ore, stones, and other things found in the abovesayd land, I do therefore charge every person and persons in the sayd fleete to deliver, or cause to be delivered, al maner of ore, stones, and other commodities founde as well there as here, to the captaynes of every shippe or shippes, to be redelivered by him or them to the Generall, upon payne and danger aforesayd.

6. Item, that if any shippe or shippes by force of weather shall be separated from the Admirall, and afterwards happen to fall, or shall be in danger to fall into the handes of their enimies, that then all and everye suche shippe or shippes shall have speciall regard before his falling into theyr handes, to convey away and cast into the seas all suche plattes or cardes, as shall be in any suche shippe or shippes of the abovesaide discovered lande, and all other knowledge thereof.

7. Item, that if any such shippe or shippes by force of weather shall be separated from the fleete or Admirall, and shall afterwarde arrive at any port in England, that then in such case he shall not depart from that porte, but shall give order and advertisement to Michaell Locke, treasurer of the companie, by whom hee or they shall have order from the Lordes of the Privie Councell what they shall do.

8. Item, forasmuch as sundry of the fleets companies have had lent them crowes of iron, sledges, pixeaxes, shovels,

spades, hatchets, axes, and divers other instruments for mines and mining used. And also dyvers of the sayde kind of instruments above named, was lefte at the Countesse of Sussex mine by the *Aydes* companye, and are yet kept from their knowledge by such as wrought at the sayd myne, which instruments do apperteyne to the righte honorable and worshipfull company of the abovesaide discoverie. I do therefore charge all captaynes and maysters of every shippe or shippes to make it knowen to his or their companies, to the end that all such instruments, as well those lent, as those that are otherwise deteyned and kept away, may be agayne restored, and brought aboard the Admirall upon payne and danger expressed in the third article.

By me, MARTIN FROBISHER.

THE FLEETES RETURNING HOMEWARD.

Having nowe receyved articles and direction for oure returne homewardest, all other things being in forwardnesse and in good order, the last day of August the whole fleete departed from the Countesse Sound, excepting the *Judith* and the *Anne Frances*, who stayed for the taking in of fresh water, and came forth the next daye and mette the fleete lying off and on, athwart Beares Sounde, who stayed for the Generall, which then was gone ashore to dispatch the two barkes and the *Busse*, of Bridgewater, for their loading, whereby to get the companyes and other things aboarde. The captayne of the *Anne Frances* having most part of his company ashore the first of September, went also to Beares Sound in his pinnesse to fetch hys men aboarde, but the winde grew so great immediately upon their landing that the shippes at sea were in great danger, and some of them hardly put from their ankers, and greatly feared to be utterly lost, as the *Hopewell*, wherein was Captayne Carew and others

Return
homeward.

o which side their
eatening on

the one side, and driving ilands of cutting ise on the other side, they greatly feared to make shipwrack, y^e ise driving so neare them that it touched their borde sprete. And by meanes of y^e sea that was growen so hie, they were not able to put to seas with their smal pinnesses, to recover their shippes. And, againe, the ships were not able to tarrie or lye athwarte for them by meanes of the outrageous windes and swelling seas. The General willed the captaine of the *Anne Frances* with his companye for that nighte to lodge aboorde the *Busse* of Bridgewater, and went himself with the rest of his men aborde the barkes. But their numbers were so great and the provision of the barkes so scant that they pestered one another exceedingly. They had good hope that the next morning the weather woulde be faire, wherby they might recover their shippes. But in the morning following it was farre worse, for the storme continued greater, the sea being more swollen and the fleete gone quite out of sighte. So that now their doubts began to growe great, for the ship of Bridgewater which was of greatest receipt, and wherof they had best hope and made most accompt, roade so far to leewarde of the harborow mouth, that they were not able for the rockes (that lay betweene the winde and them) to leade it out to sea with a sayle. And the barkes were so already pestered with men and so slenderly furnished of provision, that they had scarce meate for sixe dayes for such numbers.

The Generall in the morning departed to sea in the *Gabriell*, to seeke for the fleete, leaving the *Busse*, of Bridgewater, and the *Michael* behinde in Beares Sound. The *Busse* set sayle, and thought by turning in the narrowe channell within the harborow, to get to windewarde; but being put to leewarde more by that meanes was faine to come to ancker for hir better safetie amongst a number of rockes, and there left in great danger of ever getting forth againe. The *Michaell* set sayle to follow the Generall, and

could give y^e *Busse* no reliefe, although they earnestly desired the same. And the captaine of the *Anne Frances* was lefte in harde election of two evils: either to abide his fortune with the *Busse*, of Bridgewater, which was doubtfull of ever getting forth, or else to be towed in his smal pinnesse at the sterne of the *Michael* thorow the raging seas, for that the barke was not able to receive or releeve halfe his company, wherein his daunger was not a little perillous.

So, after resolved to committe himselfe, with all his company, unto that fortune of God and sea, hee was daungerously towed at the sterne of the barke for many myles, untill at length they espyed the *Anne Frances* under sayle, harde under their lee, which was no small comforte unto them. For no doubt both those and a great number moe had perished for lacke of victuals, and convenient roome in the barks, without the helpe of the sayde ships. But the honest care that the maister of the *Anne Frances* had of his captaine and the good regarde of dutie towards his General, suffered him not to depart, but honestly abode to hazarde a daungerous roade all the night long, notwithstanding all the stormy weather, when all the fleete besides departed. And the pinnesse came no sooner aborde the shippe, and the men entered, but she presently sheavered and fel in peeces, and sunke at the ships sterne with al the poore mens furniture: so weake was the boate with towing, and so forcible was the sea to bruse hir in peeces. But (as God woulde) the men were all saved.

At this presente in this storme manye of the fleete were dangerously distressed, and were severed almost al asunder. And there were lost in the whole fleete well neere xx boates and pinneses in this storme, and some men stroken over boorde into the sea, and utterly lost. Manye also spent their mayne yarges and mastes, and with the continuall frostes and deawe, the roapes of our shippes were nowe growen so rotten, that they went all asunder. Yet, thanks

be to God, all the fleete arrived safely in Englande aboute the first of October, some in one place, and some in another. But among other, it was most marvellous how y^e *Busse*, of Bridgewater, got away, who being lefte behinde the fleete in great daunger of never getting forth, was forced to seeke a way northwarde, thorowe an unknowen channel full of rockes, upon the back side of Beares Sounde, and there by good hap found out a way into the north sea (a very daungerous attempte), save that necessitie, which hath no lawe, forced them to trie masteries. This foresaide north sea is the same which lyeth upon the backe side of all the northe lande of Frobishers Straits, where first y^e Generall himself in his pinnesses, and some other of our company have discovered (as they affirme) a great forelande where they would have also a greate likelyhoode of the greatest passage towards the South Sea, or *Mare del Sur*.

A fruitful
new land
discovered.

The *Busse*, of Bridgewater, as she came homeward to y^e southestwarde of Freseland, discovered a great ilande in the latitude of degrees which was never yet founde before, and sayled three dayes alongst the coast, the land seeming to be fruitful, full of woods, and a champain countrie.

There dyed in the whole fleete in all this voyage not above fortie persons, whiche number is not great, considering howe manye ships were in the fleete, and how strange fortunes we passed.

A GENERALL BRIEFE DESCRIPTION OF THE COUNTRY, AND
CONDITION OF THE PEOPLE, WHICH ARE FOUND IN
"META INCOGNITA."

Having now sufficiently and truly set forth y^e whole circumstance, and particular handling of every occurence in the three voyages of our worthy Generall, Captayne Frobisher, it shal not be from the purpose to speake somewhat in generall of the nature of this country called *Meta In-*

cognita, and the condition of the savage people there inhabiting.

First therefore concerning the topographical description of the place. It is nowe founde in the last vo age that Queen Elizabeths Cape, being situate in latitude of degrees and a halfe, whiche before was supposed to be parte of the firme land of America. And also all the rest of the south side of Frobishers Straytes, are all severall ilands and broken land, and likewise so will all the north side of the said straytes fall out to be, as I thinke. And some of our company being entred above 60 leagues within the mistaken straytes, in the third booke mentioned, thought certaynely that they had descryed the firme lande of America towards the south, which I thinke will fall out so to bee.

A topographical description of Meta Incognita.

These broken landes and ilandes, being very many in number, do seeme to make there an archipelagus, which as they all differ in greatnesse, forme, and fashion one from another, so are they in goodnesse, couloure and soyle muche unlike. They all are very high lands, mountaynes, and in most parts covered with snow, even all the summer long. The norther lands have lesse store of snow, more grasse, and are more playne countreys; the cause may be, for that the souther ilands receive all the snow, y^t the cold winds and percing ayre bring out of the north. And contrarily the norther partes receive more warme blastes of milder aire from the south, whereupon may grow the cause why the people covet and inhabit more upon the north partes, than the south, as farre as we can yet by our experience perceive they doe. These people I judge to be a kinde of Tartar, or rather a kind of Samowey, of the same sort and condition of life y^t the Samoweides be to the northeastwards, beyond Moscovy, who are called Samoweyes, which is as much to say in the Moscovy tong, as eaters of themselves, and so the Russians their borderers doe name them. And by late conference with a friend of mine (with whome I dyd sometime

travell in the parts of Moscovy) who hath great experience of those Somoweides and people of y^e northeast, I finde, that in all their maner of living, those people of the northeast, and these of the northwest, are like. They are of the coloure of a ripe olive, which how it may come to passe, being borne in so cold a climate, I referre to y^e judgement of others, for they are naturally borne children of the same couloure and complexion as all the Americans are, which dwell under the equinoctiall line.

They are men very active and nimble. They are a strong people, and very warlike, for in our sighte, uppon the toppes of the hilles, they would often muster themselves, and after the maner of a skirmish, trace their ground very nimbly, and mannage their bowes and dartes with great dexteritie. They goe clad in coates made of the skinnes of beastes, as of ceales, dere, beares, foxes, and hares. They have also some garments of feathers, being made of the cases of foules, finely sowed and compact together. Of all which sortes, we broughte home some with us into England, which we founde in their tents. In sommer, they use to weare the hearie side of their coates outwarde, and sometime go naked for too much heate. And in winter (as by signes they have declared) they weare foure or five folde uppon their bodies with y^e heare (for warmth) turned inward. Hereby it appeareth, that the ayre there is not indifferente, but eyther it is fervent hote, or else extreeme colde, and far more excessive in both qualities, than the reason of the clymate shoulde yeelde. For there it is colder, being under degrees in latitude than it is at Warhus in the voyage to Saint Nicholas in Moscovie, being at above 70 degrees in latitude. The reason hereof, perhaps, maye be, that thys Meta Incognita is much frequented and vexed with eastern and northeastern windes, whiche from the sea and ise bringeth often an intollerable cold ayre, whiche was also the cause that this yere our straites were so long shutte up. But there is great hope and

likelyhoode, that further within the straights it will be more constant and temperate weather.

These people are in nature verye subtil, and sharpe witted, readye to conceive our meaning by signes, and to make answere, well to be understoode againe. As if they have not seene the thing whereof you aske them, they wyll winck, or cover their eyes with their hands, as who would say, it hath bene hyd from their sighte. If they understande you not, whereof you aske them, they will stoppe their eares. They will teach us the names of eache thing in their language, which we desire to learne, and are apt to learne any thing of us. They delight in musicke above measure, and will keep time and stroke to any tune which you shal sing, both wyth their voyce, heade, hande and feete, and wyll sing the same tune aptlye after you. They will rowe with our oares in our boates, and kepe a true stroke with oure mariners, and seeme to take great delight therein. They live in caves of the earth and hunte for their dinners or praye, even as the beare or other wilde beastes do. They cate rawe fleshe and fishe, and refuse no meate, howsoever it be stinking. They are desperate in their fight, sullen of nature, and ravenous in their manner of feedinge.

Their sullen and desperate nature doth herein manifestly appeare, that a companie of them being environed of our men, on the toppe of a high cliffe, so that they coulde by no meanes escape our handes, finding themselves in this case distressed, chose rather to cast themselves headlong downe the rockes into the sea, and so to be brused and drowned, rather than to yeeld themselves to our men's mercies.

For their weapons, to offende their enimies, or kill their pray withall, they have dartes, slings, bowes, and arrows headed with sharp stones, bones, and some with yron. They are exceedingly friendly and kinde harted, one to the other, and mourne greatly at the losse or harme of their fellowes, and expresse their grieffe of minde, when they part one from

an other, with a mournfull song, and Dirges. They are very shamefast in bewraying the secretes of nature, and verye chaste in y^e maner of their living: for when the man which we brought from thence into England (y^e last voyage) should put of his coat, or discover his whole body for change, he would not suffer the woman to be present, but put hir forth of hys cabin. And in all the space of two or three monethes, while the man lived in company of the woman, there was never any thing seene or perceived betweene them more than might have passed betweene brother and sister: but the woman was in all things very servicable for the man, attending him carefully, when he was sick, and he likewise in al the meates whiche they did eate together, would carve unto her of the sweetest, fattest, and best morsels they had. They wondred muche at all our things, and were afraide of our horses, and other beastes, out of measure. They beganne to grow more civill, familiar, pleasant, and docible amongst us in a verye shorte time.

They have boates made of leather, and covered cleane over, saving one place in the middle to sit in, plancked within with timber, and they use to rowe therein with one ore, more swiftly a great deale, than we in our boates can doe with twentie. They have one sort of greater boates wherin they can carrie above twentie persons, and have a mast wyth a sayle thereon, whiche sayle is made of thinne skinned or bladders, sowed together with the sinewes of fishes.

They are good fishermen, and in their small boates, beeing disguised with their coates of ceales skinned, they deceyve the fishe, who take them rather for their fellowe ceales, than for deceyving men.

They are good marke men. With their darte or arrowe they will commonly kill ducke or any other foule in the head and commonly in the eye.

When they shoote at a greate fishe with anye of theyr

dartes, they use to tye a bladder thereunto, whereby they may the better finde them againe, and the fishe not able to carrie it so easily away, for that the bladder dothe boy the darte, will at length be weerie and dye therewith.

They use to traffike and exchange their commodities with some other people, of whome they have such things as their miserable country and ignorance of arte to make, denyeth them to have, as barres of iron, heads of iron for their dartes, needles made foure-square, certayne buttons of copper, whiche they use to weare upon theyr forheads for ornaments, as oure ledyes in the Court of England do use great pearle.

Also they have made signes unto us that they have seen gold and such bright plates of mettals whiche are used for ornaments amongst some people with whome they have conference.

We found also in their tents a Guiney beane of redde couloure, the which dothe usually grow in the hote countreys: whereby it appereth they trade with other nations whiche dwell farre off, or else themselves are great travellers.

They have nothing in use among them to make fyre withall, saving a kind of heath and mosse which groweth there.

And they kindle their fyre with continuall rubbing and fretting one sticke againste another, as we do with flints. How they make fyre. They drawe with dogges in sleads upon the ise, and remove their tents therewithal, wherein they dwel in sommer, when they goe a hunting for their praye and provision againste winter. They doe sometime parboyle their meate a little and seeth the same in kettles made of beasts skins: they The kettles and pannes. have also pannes cutte and made of stone very artificially: they use preaty ginnes wherewith they take foule. The women carry their sucking children at their backs, and do feed them with raw flesh, which first they do a little chawe

in their owne mouths. The women have their faces marked or painted over with small blewe spots: they have blacke and long haire on their heads, and trimme the same in a decent order. The men have but little haire on their faces, and very thinne beardes. For their common drincke, they eate ise to quench their thirst withal. Their earth yeeldeth no graine or fruite of sustenance for man, or almost for beast to live uppon; and the people will eate grasse and shrubs of the ground, even as our kine do. They have no woode growing in their countrey thereaboutes, and yet wee finde they have some timber among them, whiche we thinke doth grow farre off to the southwardes of this place, about Canada, or some other part of Newe Founde Land: for there belike, the trees standing on the cliffes of the sea side, by the waight of ise and snowe in winter overcharging them with waight when the sommers thawe commeth above, and also the sea underfretting them beneath, whiche winneth daylye of the lande, they are undermined and fall down from those cliffes into the sea, and with the tydes and currents are driven to and fro upon the coasts further off, and by conjecture are taken uppe here by these countrie people to serve them, to plancke and strengthen their boats withall, and to make dartes, bowes, and arrowes, and suche other things necessarie for their use. And of this kind of drift wood we finde all the seas over great store, which being cutte or sawed asunder, by reason of long driving in the sea, is eaten of wormes, and full of hoales, of whych sorte theirs is founde to be.

The people
eat grasse
shrubbes.

The moone
maketh a
revolution
above
ground.

We have not yet founde anye venemous serpent or other hurtfull thing in these partes, but there is a kinde of small fly or gnat that stingeth and offendeth sorelye, leaving manye red spots in the face, and other places where she stingeth. They have snowe and hayle in the beste time of their sommer, and the ground frozen three fadome deepe.

These people are great inchaunters, and use many charms

of witchcraft: for when their heads do ake, they tye a great stone with a string unto a sticke, and with certayne prayers and wordes done to the sticke, they lift up the stone from the ground, which sometimes wyth all a mans force they cannot stir, and sometime againe they lift as easily as a feather, and hope thereby with certayne ceremonious words to have ease and helpe. And they made us by signes to understand, lying groveling with their faces uppon the ground and making a noise downwarde, that they worshippe the devill under them.

They have great store of deere, beares, hares, foxes, and innumerable numbers of sundry sortes of wilde foule, as seamewes, gulles, wilmotes, duckes, &c., whereof our men killed in one day fiftene hundred.

They have also store of hawkes, as falcons, tassels, &c., whereof two alighted upon one of our shippes at theyr returne, and were brought into England, which some thinke will prove very good.

There are also greate store of ravens, larkes, and partridges, whereof the countrey people feede.

All the fowles are farre thicker clothed with downe and feathers, and have thicker skinnes than any in England have: for, as that country is colder, so Nature hathe provided a remedie thereunto.

Our men have eaten of their beares, hares, partriches, larkes, and of their wilde fowle, and find them reasonable good meate, but not so delectable as ours.

Their wilde fowle must be all fleyne, their skinnes are so thicke: and they tast best fryed in pannes.

The countrey seemeth to be much subjecte to earthquakes.

The ayre is very subtile, piercing, and searching, so that if any corrupted or infected body, especially with the disease called *Morbus Gallicus*, come there, it will presentlye breake forth and shewe it selfe, and cannot there by anye kinde of salve or medicine be cured.

Their longest sommers day is of greate length, without any darke night, so that in July all the night long we might perfutely and easilie wright and reade whatsoever had pleased us, which lightsome nights were very beneficiall unto us, being so distressed with abundance of ise as wee were.

The length
of their day.

The sunne setteth to them in the evening at a quarter of an houre after tenne of the clocke, and riseth agayne in the morning at three quarters of an houre after one of the clocke, so that in sommer theyr sunne shineth to them twentie houres and a halfe, and in the nighte is absent three houres and a halfe. And although the sunne be absent these $3\frac{1}{2}$ houres, yet is it not darke that time, for that the sunne is never above three or foure degrees under the edge of the horizon: the cause is, that the tropicke cancer doth cutte their horizon at very uneaven and oblique angles. But the moone at any time of the yeare beeing in Cancer, having north latitude, doth make a full revolution above their horizon, so that sometimes they see the moone above 24 houres together. Some of oure companie, of the more ignorant sort, thought we might continually have scene the sunne and the moone had it not bin for two or three high mountaynes.

The people are nowe become so warye and so circumspect, by reason of their former losses, that by no means we can apprehend any of them, although we attempted often in this last voyage. But to saye truth, we could not bestowe any great time in pursuing them, bycause of oure greate businesse in lading and other things.

Compo-
sition of
Mons In-
vogita.

To conclude, I finde all the countrie nothing that may be to delite in, either of pleasure or of accompte, only the shewe of mine, bothe of golde, silver, steele, yron, and blacke leade, with divers preaty stones, as blewe saphire very perfect, and others, whereof we founde great plentie, maye give encouragement for men to seeke thither. And there is no doubt, but being well looked unto and thorowly

discovered, it wyll make our countrie both rich and happye,
and of these prosperous beginnings will growe hereafter (I
hope) most happye endings. Which GOD of his goodnesse
graunte, to whome be all prayse and glorie. Amen.

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Decembris 10.

ANOTHER ACCOUNT OF THE THIRD VOYAGE,
BY EDWARD SELLMAN.

EDWARD SELLMANN wrote this booke; and he delivered yt to Michael Lok, the 2 of October 1578, in London:—

The 2 of May 1578, we departed from Bristoll with the *Ayde* and the *Gabriell*, Christopher Hall, and Robert Davis M^r.

The 6 said we arrived at Plymouth, where we stayed to take in our myners.

The 19 said we departed from Plymouth, with the *Ayde*, the *Fraunces*, and the *Moone of Foy*, the *Admirrell*, and the bark *Denis*, and arrived at the Downes the 24th said and the said at midnight we departed thence and arrived at Harwiche the 22 said to stay for the reste of the fleete, where we found the *Thomas* of Harwich.

The 27 said, there arrived at Harwich, the *Thomas Alin*, the *An Fraunces*, the *Hopewell*, the *Beare Lester*, the *Judith*, the *Gabriell*, and the *Michael*, the *Salomon* of Weymouth came to us to Harwich, and the *Emanuel* of

The 31 said the *Aide* with all the above named ships departed from Harwiche with the winde at N.E. making our passage towards the west coast and arrived at Plymouth the 3 of June.

The 3 of June, 1578, at night we departed from Plymouth, with the winde west hand at east, and to the westwards of the Cape 7 leags we had sight of a bark of Bristoll with whome after we had spoken, they declared that they came out of Spayne and were robbed by 2 French men-of-war,

and five of their companie slayne, their lading was oyle and sack, they spoiled them of all their victuall allso and left them nothing to eate of but oyle beryes: The Generall gave them 3 sakes of bisket, and j barrell of butter, peas and chese to releve them withall, by which bark I wrote a letter, and sent it to Mr. Kitchen to be conveyed to my master, Mr. Michael Lock, advertising him of all the fleets arrivale uppon the coast of Zealand.

The 7 said we sailed N.W. and by W. the winde at S.E. a fyne bearing gale, with the winde sometimes at N.E. sometimes at E. sometimes at S.W. still keping our course (for the most part) N.W. and by W. and N.W. untill the 19 said at none, at which time we went in 60 degrees of latitude, and to the eastwards of Friseland, 30 leags, by the reckening of some 40, and 50 by others, and bearing N.W. and by W. and W.N.W. of us at the going down of the sunne, but at that time we had not made the land perfect, and so sayling untill mydnight, we came nerer unto yt and made yt perfectly. At which tyme we shot of a pece of ordonance to geve the flete warning thereof: I judge the voyage is better to be attempted, followed and used by the west parts, then by the north parts, as well for the avoyding of much cold within the north passage we had, as allso redyer windes to follow our said viadge, as by the falling out of this passage doth appere.

The 20 of June, 1578, earely in the morning, the Generall caused a small pynnas to be hoysed out of the *Ayde*, and with her he passed a boord the *Gabriell*, and did beare in with the land sayling alongst yt, untill he found a sound to enter in uppon the south side of the land, which sound after he was entred, called yt Luke's Sound, by reason of one Luke Ward that went with him a land; in which sound they found people and tents, but the people fled from them, and they entred their tents, finding thereby by all things therein that they are a people like the people of Meta In-

cognita with like boates of all sortes, but the Generall doth take them to be a more delicat people in lodging and feeding then the other: They found of their seals which they had taken sundry, and other victuall which they could not tell what flesh or fish yt was: At their said tente they found also 40 yong whelps, whereof 2 they brought away with them, they are also like the dogs of the place afore named: Some of our men that were with the Generall aland did see in their tente nayles like scupper nayles, and a tryvet of yron, but the Generall toke order with the company, that none shold bring any of their things away: The Generall hath named this iland West England, and a certayn hedland uppon the south side, he hath called yt Furbushers foreland, with other names he hath geven to particular places which I know not.

The said at night we departed thens with the winde N.E. and sayled W.N.W. towards the Streits untill 9 or 10 a clock the 21 said.

The 21 said the winde N.W. we sayled N.E. and by E. towards the said West England to make better discovery of yt, bycause yt served not us to procede of our pretended viage, and so sayling till 3 a clock, yt fell caulme, being 16 leags from yt: About 6 a clock the winde at N.N.E. we sayled N.W. and by W. towards the straits.

The 22 the winde at E.S.E. we sayled N.W. and by W. untill none, and then we met with great store of yse, of broken ilands in great peeces, which we iudge to be the ilands dissolved, that were there seene the last yere and driven upon the N.W. coast, by reason of the easterly windes which we had comming hitherwards, and for that we coveted to discover more of the north west coast by reason of clere weather which we had, we were the rather put amongst them, and thereby to clere ourselves of them againe, to sayle south, S. and by W. and S.W. for the space of 3 or 4 howres with a great gale of winde: And we feared the coast to lye

out more westerly then we could make yt by reason of foggy weather and thereby might have bin driven uppon a lee coast, but after we found ourselves clere of the yse we sayled agayne N.W. and by W. with the winde at S.E. untill the 25 said, and then the winde came W. and we sailed N.N.W. untill the 27 said, at which time we came amongst as well great ilands of yse, as allso great quantity of broken yse of both sides of us being shotte within channells' of them, whereby yt was iudged that we were open of the straits, and we made sundry foggy land to be the Queens foreland, and thereuppon did beare the bolder in amongst them, at which tyme we found our selves in the latitude of $62\frac{2}{3}$ and some $62\frac{1}{2}$. And the 28 said they observed the latitude by the sunne and found them in $62\frac{2}{3}$ of latitude and afterwards had sight of 2 ilands to the northwards of Warwicks foreland, and after had sight of the same foreland, we being to northwards of yt 14 or 16 leags. And the said day we lay to the ofwards south-east and south-south-east: And the 29 said south-west, the winde at W.N.W. untill the 30 said, and then we sayled south and by E. and S.S.E. untill we came in the latitude of $61\frac{2}{3}$ the first of July, at which tyme we had the winde at S.S.E. and then we sailed in W. And the 2 said we had sight of the Queens foreland and sometimes did beare in N.W. and by W. and N.W. finding stragling over all the straits and after we did beare in further uppon the south side we found great quantity of yse driving together, yet we had sundry channels to pas betwene them, and after that we sent the pynnas from the ship to discover the best way our passage amongst them, and so we followed with divers other of the fleete after the pynnas, untill she could not pas any further, fynding the yse all closed about us, and afterward sent our boate and pynnasses of divers of the flete to breake a small neck of yse for passage farder places that we did see clere: and at that tyme the winde began to blow vere boystrous at the S.S.E. and caused the sea to heave and

set very cruell; at that instant we were divers of the flete in a great channell indifferent free of yse, in which channell we determined to spend the night with bearing small sayles, being environed with yse: The bark *Denis* at that tyme plying up and down, did strike uppon a great yse and there perished, so that the boates which were sent to breake the yse for passage, returned to her to save her men and presently after the ship did sink down right; divers of the flete, notwithstanding with small sayles did ply up and down in the same channell, and others as they could fynde all that night, but we in the *Ayde*, and the *Thomas Alin* did forsake yt, bearing no sayle, but lay adrift amongst the yse all the night, being terribly tormented therewith untill 11 of the clock, the 3 of July, occupying our men with oares, pikes and other powles to break the force of the yse from beating of the ship as much as we might, notwithstanding we had terrible blowes therewith, and were preserved by the mighty power of God from perrishing, contrary to our expectations. The winde afterwards comming to the S.W. and having the
with us, we did drive out, sometyme setting sayle and sometimes a hull south east: And being almost out of the danger of the yse, we did discrye the most of the flete, which rejoyced us very much: And the said 3 day about night, some of us talking with others did understand we were all in saffety, except onely the *Michael* of whome as yet we cannot understand where she ys, we did arme the bowe of the ship with sundry planks of 3 inches thick and with capstayne barrs and junks, for that the yse stroke terribly against that place of her in so much that some of the planks did perrish with the blowes: The rest of the flete except one or two more did not pas the like mysery, by reason they did kepe the channell betwene the yse with small sayles, which we could not do, for that our ship was long, and could not work with her as others did: And besides that yf we had kept that channell with sayle, where

the rest did, we had burded one an other and thereby perished, as we had like to have don by the ship of Weymouth (owner Hugh Randall) in boarding of us that night by drift and forcing uppon us by yse, the boystrous winde that then did blow did cause us to unrig and take down both our topmasts for the ease of the ship, the which topmasts we did hang over boord also to save the ship from the yse.

The 4 said being in the morning clere without the streicts and the winde at west, we did sayle S.S.W. bearing alongst the coast of America, fynding yse driving from the coast as though yt were long hedges into the sea to the eastwards, we sayled as aforesaid untill 4 a clocke at afternone, and then we layde yt a hull, untill 6 aclock the 5 said, and then we sailed southwest alongst America coast, the winde at W. northwest untill the 5 said at night about 6 aclock at which tyme we had sight of the coast, and very huge ilands of yse, higher than ever we did see any, at which time we did cast about and did lye north of the land, the winde as before untill the 6 said at night, at which time we were within the streicts and did perfectly make the Queens forelande ; to the southwards of the Queens foreland, we had sight of a head of a land, being from yt about 20 leags, which untill we had taken the latitude of yt we made yt to be the Queens foreland all but the Master Robert Davis onely, but he would not agree to yt, nor so allow yt, alledging sundry reasons to prove the contrary by his marks when he saw yt a few dayes before. The 6 said being as aforesaid shot within the Queens forelande on the south side, the winde came up to the S.S.E. and did blow a great gale, and the weather waxed thick and foggy, and therefore all the night we layde yt a hull. And uppon the 7 said following we had sight of the north shore as we toke yt: And the 8 and 9 we did beare wyth yt and alongst yt lying north and by west, but did not make yt perfectly ; some imagining rather that yt was the S. side of the Qucens foreland (as afterwards yt

proved in dede), and Master Hall of the same opinion, but yf yt fall out so, they were deceyved with the setting of the tides. The Generall and our master could not be dissuaded, but doth still make yt to be the north shore, the Generall assuring himself thereof to this present (the 10 said) that yt is so, and Jame Beare allso, but being foggy and darkened with mystes, they cannot yet make yt perfectly, I pray God send yt clere, that we may make yt perfectly: Alongst the said shore in sight and out of sight by reason of fogs, we did runne in by the judgement of the master 35 leags bearing sayle and hulling, and there did remaine hulling being dark and foggy untill the 16 said, at which tyme we had yt somewhat clere, and thereupon did beare towards the shore to make yt, at which tyme we did fall with the opening of a sound which we made the Counte's Sound and did beare in with yt, all men that had seene it the yere before (except two, called Stobern and Bert) allowed yt to be the same, which afterwards proved the contrary: The 17 said we toke the altitude of the sunne and found us but in the latitude of 62 and 10 minuts, and thereupon found the error which we were in, then knowing that we were upon the S. side of the S. shore called the Queens foreland, and with the winde at W. we did beare out agayne, and the 18 said being shot out so far as to the masters judgement that we had sight of the Queens foreland being E. from us and then running alongst till we brought yt thwart of us the weather being foggy, notwithstanding we did alter our course more northerly and brought us to be impatched with great quantity of yse and dark weather, being allso shot very nere the shore, still thinking that we had byn at the Queens foreland, and altering our course more northerly, did bring ourselves hard aboard the shore, at which tyme yt pleased God to geve us sight of yt, and thereby found yt did not lye as the Queens foreland did, fynding us deceyved and not so far shot as the said foreland, but being imbayed upon a lee

coast and in sight of divers ilands and rocks, not knowing how to escape with life, and in the depe of 50 faddoms of water, so that we could not well anker, but yet sometimes in mynde to anker yf we could have got a poynt of an iland which we made unto, and then fearing allso we shold have had byn put from our anker, or greatly impatched with yse which we were allso amongst and then caulme, and could not get of from the rocks or ilands which we did see, did strike all our sayles to anker, but before we were all ready to cast anker, the Eternall God (who delivereth all men being in perills) did send us a gale of winde to beare of from the said ilands, but afterward we wished that we had ankered there, for that when we were of a small way from yt we sounded and found us in but 7 faddoms of water and hard rocks, we lying under sayle towards the west which was our best way, for sure we were we could not dubble the land to the eastwards, the winde being at S.S.E. and the land lying E.S.E. and W.N.W. we after yt pleased God to send us 10 faddoms and then 17, and then 25, and so into 30 and 40, and allso did sende us the winde at W.S.W. so that we did lye S.S.W. of into the sea untill we came into 120 faddoms with our sayling and towing out with our boates, still having the eb with us untill night and then being caulme and little winde, we did strike our sayles and did lye a hulling, so that the flud did port us in towards the shore againe untill we came into 80 faddoms, and then we were forced to make a brude of cabells, and did anker untill the eb did come being the 19 day of July in the morning, at which tyme we did set sayle with a small gale of winde, the winde at S. and by E. and did sayle S.W. and by W. the weather still foggy. The 20 said the weather began to clere, the winde westerly, at which tyme we had sight of the ships that were before in our company, and towards the afternone we came to speake with some of them, and they declared that some of our company were in 2 faddoms of water uppon

the lee shore, being in great danger amongst the rocks and broken grounds, and delivered by Gods allmighty power thus twice from perishing, towards night yt waxed somewhat foggy agayn, and a little before night we having sight of a point of land, bearing E.S.E. of us making yt the Queens foreland, we did beare with it in such sort as we thought to go clere of yt, and the land lying out farder then we had sight of yt, we being not so far shot out of the streict that we were in by 20 leags which 20 leags we were in farder then we made account of, being entred within yt at the least 60 leags, fell agayn in danger of that land in the night, but kept us of from yt, by our sounding lead: And in the morning the 21 said yt waxed clerer, and then we made the land of the Queens foreland perfect and towards night opening a great bay at the wester end of the souther parte of that land, which we imagined to go through into the Streicts of Frobusher, which to make triall thereof, the *Gabriell* was sent to discover, and we bearing about with the easter end of yt the 22 towards night, had sight of the *Gabriell* comming into the streicts through that sound passage at the Cape of Good Hope, so that it is proved that the land of the Queens foreland to be an iland; the *Gabriell* having order to passe to the Countesses Sound, did beare in towards yt, and we followed untill we could not passe any farder for yse lying so thick, and the *Gabriell* being within the yse, did still beare up into the streicts, and we forced to retire outwards agayn, being very much impatched therewith all the whole night.

The 23 said we had sight of the *Anfraunces*, whose company we lost as before said, and when we came to the speche of the captayne and master, they declared they had layn of and on open of the streicts 12 dayes and could not entre for fogs and yse, and was in danger before that upon the lee shore of the S. side after she departed from us.

The 24 said the Generall being mynded to beare into the

streicts, bycause the *Gabriell* passed up in our sight, supposing allso the *Tho. Alin*, the *Fraunces of Foy*, the *Emanuel* of Bridgewater, the *Judith*, and the *Michael*, to be above in the sound; notwithstanding the great quantity of yse, we were impatched withall the 23 said, and the winde at S.W. a good and reasonable gale, did mynde to beare up into the streicts agayn this present, alledging that the said wynde had brought out all the yse, whereof great quantity we did see blown uppon the lee coast: but yt pleased God to send us a messenger out of the streicts called the *Fraunces of Foy*, who did kepe company with the *Tho. Alin*, and the *Emanuel* of Bridgewater, and did enter into the streicts the 19 said and the 20 said, being shut up as far as Jackmans Sound, did put over with the Countes Sound among very much yse and were environned therewith, frosen and shut up therein, being marveylously tormented therewith, not onely with yse comming down, but allso with yse carried up with the winde and tyde. This *Ffraunces of Foy* (I say) was a blessed messenger of God, sent to us to warn us of the daungers that she and the others passed, who still did leaye the *Tho. Alin*, the *Busse* or *Emanuel* of Bridgewater, and the *Gabriell*, last come unto them in great danger, being carried towards the coast lee in the frosen and thick yse as the winde did carry them. God deliver them for his mercyes sake and for his blessed sonne Jesus Christes sake. The Master Tho. Noris of the said ship the *Ffraunces of Foy*, before Master Hall, and he with others entred the streict was in a sound uppon the N. side of the Queens Foreland, where they were they found very good owr by our judgements to the sight, and therefore the Generall is gone this morning a land to seke the same, purposing to go into the said sound with all our 9 ships now in company untill tyme may serve us to go farder and other our ports of lading. The 25 at night we did beare into the streicts and then had sight of the *Emanuel* of Bridgewater. And, comming to the speche of

them, the master of her affirmed that the yse did ly very thick over all the streicts, so that we could not attayn to the Countess Sound as yet; the Generall, notwithstanding, wold geve no credit thereunto, but did beare in with the streicts to make triall thereof the 26 in the morning, and finding great store of yse did retire back or out agayn with the winde at north and much yse following us. At that tyme (the 25 said) these ships did entre in with us, the *Emanuel*, the *Armonell*, the *Hopewell*, and the *Beare*, and 5 others of the flete did put to sea, having the winde then at the S. E. and east, which was a scant winde for them to dubble out the foreland, being nere the land.

The 26, at night, we came back to the sea againe and brought the foreland of us south-west.

The 27, towards night, the winde at west, we did beare in towards the foreland, and did lye of and on all the night.

The 28, in the morning, we did beare agayn into the straight, the winde westerly, bearing inwards still untill we were repulsed and forced to put out agayn by reason of much yse driving out, but the *Hopewell* finding some clerer slade then we could do, did still beare in. God send her good hap. And then we did seke to recover the wether shore which was the foreland, the winde at W. N. W., blowing somewhat boystrous.

The 29, in the morning, we did beare into the streict agayn with winde at W., a small leading gale, and sometimes at W. S. W., we lying up N. W., passing up amongst great quantity of yse, sometime thick, and sometime thinner, and so did still procede, bearing inwards untill the 30 said at none, keping about the middle of the streict. And in the morning the 30 said we were thwart of Yorks Sound, which I affirmed to the Generall to be so: but he denyed yt, saying that we were not shot up as high as Jackmans Sound by 16 leags, at which instant the Generall went up to the top and descried Gabriels Iland, making yt to be Penbroke

Iland, going into the Countess Sound; and so directing his course with yt, Christopher Jackson, the trumpetter, being in the top, did make yt playnly Gabriels Iland, and allso made the Countess Sound, to the which the Generall yelded, and then presently did allter his course, and embarked him self in a pynnas with sayles and oares, bycause yt did blow but little wynde for the ship, and gave us tokens to follow him, and so signified to us thereby that yt was the right place or sound as before is said. Into the which he entred with his pynnas, and being entred therein fownd there the *Judith* and the *Michael*, and cause them to shote of certayn peces of ordonance, to geve knowledge there were certayn of our flete which comforted us very muche; but we imagined those ships to be the *Tho. Alin* and the *Gabriel*; for we did think verily the *Judith* and the *Michael* could not have escaped the dangers that they were in, being not of our company a month or more.

The 30 of July, at night, we entred into the mowth of the Cowntesse Sound, and there came to us sent from the generall, Charles Jackman, to bring in the *Ayde*, and for that yt fell caulme we came to an anker in the entring thereof, being ebbing water abowt 9 of the clock at night, the master, his mate, and Charles Jackman going then to supper, gave charge to the company to looke well owt for yse, driving towards the ship, willing them to prevent yt in tyme; and before the master had half supped, one of the company came to the master to know whether they shold watche half watche or quarter watche. The master gave order to watche halfe watche, charging them to loke well owt for yse; but the watche neglecting their duties, there came driving thwart the halse of the ship a great pece of yse, and the weather being caulme did ly uppon the cabell $\frac{1}{4}$ of an howre before we could be clere of yt fretting the cable in suche sort, that yf yt had put us from our anker we had byn in danger of rocks lying not far from us. God be

honored, there chaunced no hurt of yt. Notwithstanding, I thought yt good and my duty to say something unto the watche of their negligence therein, bycause the charge of the vyage did depend upon the savegard of the *Ayde* being the Admirall, whereuppon I rebuked one Holmes, a quarter master, and Hill, bote swayn mate, charging them they shold aunswere their negligent loking to so greet a charge, but they with one other called _____ did will me to meddle with that I had to do, _____ demanding whether I had commissioned to speake or deale therein, and this did Hill, and _____ willed me to get me to my cabben, and wold not be checked at my hands. I aunswered them, whither I had comyssion or not, I wold tell them their duties, and go to my cabben when I did see cause, and thus with multiplying of words they abused me very much, which I was fayn to put up at their hands. The master can beare no rule amongst them, bycause he is not cowntenanced by the General, and therefore all things hath fallen owt the worse with us, and that hath caused me to speake more earnestly in this cause; for weyther the boat swayn, nor any officer yet hitherto hath byn obedient to the master, and the disobedience of the officers, doth cause the company allso to disobey and neglegt their duties. We had not byn above 2 howres at an anker, but that there came very mucche yse driving inwards towards us: at which time, I being still abrode, and the masters mate allso, I said to him, yt were good to way our anker to prevent the danger of the yse; and presently he called vp Charles Jackman, and they caused the company to way the anker with the winde easterly, a smale gale; and after they had purchased home their said anker, there came yse uppon us, but they setting sayle before the anker was catted, the yse stroke the flock of the anker through the bow of the ship, that the water came in fercely, in so mucche that we had water in hold 4 fote above the sealing within an howre or les. And our pumps

being unready, could not free the ship of yt, but kept yt still at a stay, the leak being stopped as well as they could with beffe and other provisions. And thus we remayned pumping and freeing of the ship with buckets from 12 a clock at night, being the 30 of July, until 9 a clock in the morning, the 31 said, at which tyme we were come into harbour. And then provision was made to beare the ship over of the one side, and the hole mended with lead untill we may come better to yt.

There came into the Cowntesse Sound in company with us and in our sight, the *Hopewell*, the *Ffrances of Foy*, the *Armonell*, the *Emanuell*, the *Salomon* of Weymouth, and the *Bear*. The *Judith* and the *Michael* came into this sownd the 21 of July, and for the space of 3 wekes before they continually were tormented up and down within the streicts amongst the yse, and could not by any meanes get this place nor clere themselves of the yse: the *Judith* being bilged with yse in the bowes, having 2 great holes made in her, every howre loking when they shold perish therewith, but God delivered them, geving them fayre weather to work for their savegard.

The fyrst of August the Generall did order to make tents upon the iland of the myne for the myners to succour them in their working there, and then began their work.

The second said, the Generall with 2 pynnasses, passed to Beares Sownd, to bring prooffs of the owr there, and to vew what quantity there was to be had, and returned agayn at night, being distant from the Cowntesse Sound 9 leags.

The said, at night, the *Gabriel* came into the Cowntess Sound and Master Hall in her to vew whither the streicts were clere of yse, and left the *Tho. Alin* in a sownd nere Oxford mount untill his return thither agayn.

The fyrst of August the *Fraunces of Foy* toke in 2 pynnasses, ladings of owre, and the 2 day as much.

The said the Generall, with 4 pynnasses and boates with a men, soldiers, and marriners, and Denham with him, went to Jonas Mownt, to seke for owr, and brought sundry samples, whereof as yet no assay is made, but of the riche owr that Jonas fownd the last yere, we could not light of any suche.

The 8 of August the *Thomas Alin* and the *Gabriel* arrived here towards night, by whome we could not here of the *Thomas of Ipswicke*, the *Anfraunces*, and the *Mone*. I pray God send us good newes of them.

The 9 said, the Generall with the *Gabriell* and the *Michael*, with mariners, myners, and soldiers, departed towards Beares Sound to get owr, for that the myne in the Countess Iland fayled.

The said, the most part of the myners and soldiers were removed to a place called Fentons Fortune, being at the entrance of Countesse Sound to the eastwards. And yt was reported that there were a 1000 tunnes to be had there; but Master Denham, at his returne from thence, this present at night, sayeth he can not see how 40 tunnes will there be had, and that with great travayle to bring yt to the sea side.

The 11 sayd, the master, Robert Davis, Thomas Morice, master of the *Fraunces of Foy*, and I in company with them, travyled with a pynnass to the northwards of the Cowntesse Sound, about 4 myles alongst the coast, and there fownd a myne of black owr, and allso an othèr of red and of sundry sortes of both, of which sorts we brought ensamples, whereof Denham made proof; and the 13 said Capten Fenton and Denham passed thyther, liking the place very well, and aswell our mariners as the mariners of the said *Fraunces* were there set to work, and by the 15 said we had gotten aboard the *Ayde* of the black sort and some of the red about 15 tunnes.

The 15 said, towards the evening, the *Gabriell* and the *Michael* came to the Countesse Sound, both laden with owre

from Beares Sound, and the 16 said discharged yt into the *Ayde*, their lading was adjudged to be about 50 tunnes of owr.

The said, all such myners and soldiours as were sent from the Countesse Sound to Fentons Fortune, were removed to the myne that we found to the northwards, which was better liked than yt of Fentons Fortune, where, in the tyme they were there was but 60 or 70 tunnes of owre, they being myners and souldiours that wrought their 6 dayes 60 persons.

The 16 said, the Generall and Denham with him, is gon to a sownd called Dyers Passage, which is uppon the souther land of the Cowntess Sound, to vew a myne there, fownd by Andrew Dyer, and to make assayes thereof.

The said, God called to his mercy Philip, who had charge of certayn apparell brought in by the Generall for the mariners and myners, and also one of the bark *Denys*, men called Trelos, one also owt of the *Armonell*, and an other owt of the *Fraunces of Foy*, all buried uppon Winters Furnace this present day.

The 18 sayd, the *Gabriell* and the *Michael* departed hence to Beares Sound to lade owr and to bring yt hither to the *Ayde*.

The 19 said, the *Solomon* of Weymouth departed towards Beares Sound to take in her lading of owr.

The 20 said, the *Beare* departed towards Dyers Passage to lade there.

The 19 said, the *Hopewell* departed towards Dyers Passage to lade there.

The 21 said, the *Busse* of Bridgewater departed to Dyers Passage to take her lading of owr there.

The 21 of August, the *Fraunces of Foy* was full laden, part of the owr of the Countesse Iland, and the rest of the owr of the myne to the northwards of the Countesse Sound, carrying in all tunnes by estimation 140, whereof 70 from the Countesse Iland, and the rest as aforesaid. x

The 19 said, Capten Fenton came to make complaint to the Generall of the boatswayn, and others of the *Aydes* mariners, for disobeying him in certayn service to have byn don for the furdurance and dispatche of the ships lading at two severall tymes, his speches tending to due punishment for the same, and after long recitall of their abuses, did loke that the Generall shold have ayded him therein, and to have commanded due punishments for their deserts. The Generall not taking order, therefore Master Fenton and he did grow to hoat speches, by whome eche others credit came by him, and he denying the same, left their former matter, and fell to reason uppon the same with many hoat words, in somuche that in the end, the Generall affirming he preferred Master Fenton to be the Queens servant, and he denying, alledging that the Generall did not well to rob them that did prefer them both to that service; and then at Master Ffentons departure, he said he had offred him great disgrace in that he wold not punnish the offenders which he complayned of, but rather did animate them against him in neglecting of yt, which he could not take in good part, being his lieutenant generall, and recommending them to do nothing but their duties in their Maiesties service.

The 22 said the *Gabriel* arrived here at the Countess Sound being ladden with owr from Bears Sound, and discharged yt a boord the *Ayde*, bringing tunnes 25 by estimation.

The said, here at the Countess Sound arrived a pynnas of the *An Fraunces*, wherein Captayn Best came, leaving the *An Fraunces* and the *Mone of Foy* at anker in a sownd nere the Queens forelande, and they reported that they had not sene the *Thomas of Ipswich* this 14 dayes, with the said pynnas they came costing up allongst the sowth coast to seke us, and did seke us in Jackmans Sound and Yorcks Sound and passed up as far as Gabriels Iland and returned hither this present, bringing them samples of owres, much like that

of Winters furnace, and doth purpose that Denham shall make tryall thereof, and fynding yt good, they will lade of yt, having great plenty of yt as they report, they have by report passed great troubles sins they departed from us, by dangers of yse, and rocks, I pray God send us good newes of the *Thomas of Ipswich*.

The 23 said the Generall, Captayn Fenton (his lieutenant), Gilbert York, and George Beste, gentlemen, assembled themselves together, Christopher Hall, and Charles Jackman, masters, with them, for causes touching their instructions, and amongst other matters, did call in question the abuses of the boteswayn and one Robinson used towards the Generalls said lieutenant, and after yt had byn argued of amongst the said Commissioners, the Generall referred the punnishment thereof to them to determyn; then they called the said offenders before them, who acknowledged their abuses, and uppon their submission, as also affirming they did not know Capteyn Fenton to be the Generalls said lieutenant, they were pardoned and forgeven.

The 23 said of August, the *Michael* arrived here laden with owr from Bears Sound bringing tunnes 25 by estimation and discharged yt aboard the *Ayde*.

The 24 said the *Sollomon* of Weymouth arrived here laden with owr of Bears Sound and with owr taken in her before her departure hence, all tunnes by estimation 130 tunnes, whereof Bears Sound tunnes 60, and of the Countesse Iland Sussex myne 60 tunnes, and Wynters furnace tuns 10.

The Generall departed this present towards Bears Sound in a pynnas and will return hither agayn before he go up into the Streicts.

The said Captayn Beste departed with his pynnas toward the Queens foreland to a sownd where the *An Fraunces* and the *Mone* resteth and stayeth his comming. The said

Ffraunces and *Mone* by their marriners reports w almost laden with owr before their comming hi

samples thereof hath byn proved and are reasonably well liked of Denham, and therefore I here order is taken that the *Moone* shall discharge all her owr into the *An Fraunces*, and that the said *Mone* shall take in all such here as the *An Fraunces* hath discharged there a land which was provided for Captayn Fenton and his company, and as wynde and weather shall serve to come hither with the same, and at Bears Sound she shall have her lading of owr provided.

The said the *Thomas Alin* departed hens, having taken in here 100 tunnes of owr had at the north myne called the Countesse of Sussex Myne, and the rest of her lading she is to take in at Beares Sound, and to that end she is gon thither where she is to lade 60 tuns more.

The 26 at night the Generall returned from Bears Sound with the pynnas that he departed from hens. And the 27 in the morning he passed with the same up into the Streict as well to discover mynes as also to take of the people yf he may conveniently have them.

The 27 said at night the *Thomas Alin* arrived here from Bears Sound being fully laden.

The 28 said in the morning the *An Fraunces* arrived here from a sownd called being nere the Queens foreland and laden with owr of that place.

The said at night, the Generall returned with fowle weather and the winde easterly with rayne and snow and so continued till the 30 towards night.

The 31 said in the morning we wayed and made sayle from Countesse of Warwick Sound with the *Ayde*, the *Thomas Alin*, the *Bear*, the *Salomon*, the *Armonell*, and the two barks, and for that yt fell caulme, we ankered all that night at the mowth of the sownd, being all night caulme and the *Fraunces of Foy*.

The fyrst of September 1578 in the morning the *Gabriell* and the *Michael* did put into Bears Sound to lade there.

The said the Generall with a pynnas departed towards

Bears Sound to provide 10 or 12 tunnes of lading more for the *Ayde* and to send yt owt to us with boats and pynnasses.

The said the *Ayde* and all the other ships aforesaid wayde, the winde northerly, bearing alongst towards Bears Sound with a small gale, and about none ankered thwart of Bears Sound.

The 28 of August before, God called to his mercy Roger Littlestonne the Generalls servant, who by the judgement of the surgian had the horrible disease of the pox.

The last of July at night, God called to his mercy Anthony Sparrow, one of the quarter-masters of the *Ayde*.

The *Fraunces of Foy*, the *Armonell*, the *Thomas Alin*, the *Beare*, the *Salomon* came all laden owt of the Countess Sound, the *Ayde* lacked 10 or 12 tunnes but laden of sundry mynes as before is said.

The *An Fraunces*, the *Hopewell*, and the *Judith* arrived with us thwart of the said Bears Sound the fyrst of September and kept under sayle by us.

The first of September said we receyved tunns of owre into the *Ayde*, and all the myners this present at night were ready to come aboard from thens.

The said at night the winde chopping up to the N.W. a small gale and the sea growing thereby, forced us to way and made sayle, bearing of S.W. untill we came into 23 faddoms, and then ankered agayn, staying for the comming of the Generall, and about 2 howres after, our ship did drive, our anker being broken, which caused us to set saile agayn and did beare of W. and W. and by S. and afterwards did lye a hull, staying for the Generall, the winde still growing of great force at N.N.W. caused us to set our fore-saile agayn, bearing of sowth towards the foreland the second day of September and towing our gondelo at starn, she did split therewith and so we were forced to cut her of from the ship and lost her and then we did strike our sayle and spooned before the sea S.E. untill the Queens foreland did

beare of us, the Generall is condemned of all men for bringing the flete in danger to anker there, thwart of Beares Sound onely for 2 boates of owre and in daungering him self also, whome they iudge will hardly recover to come aboard of us, but rather forced to go with the barks or the *Emanuel* of Bridgewater into England; of the whole flete, there is now in our company, or to be seen but 6 sailes.

Master Hall went aland after the ship came first to an anker thwart the said Beares Sound, and did geve him counsaill to make hast a boord before night: God send him well to recover us and all his company.

The *Ayde* hath lading of ovr in her as followeth:—Of Beares Sound tunnes by estimation 110; of the Countess of Sussex myne, tunnes 20.

The *Thomas Alin*, ovr in her as followeth:—Of the Countess of Sussex myne, tunnes 100; of Beares Sound owre, tunnes 60.

The *Hopewell*, ovr in her as followeth:—Of Dyers Passage or Sound, tunnes 140.

The *Fraunces of Foy* hath our laden in her as followeth:—Of the Cowntess of Warwiks myne, tuns 50; of the Countess of Sussex myne, tunnes 80.

The *An Fraunces* hath ovr in her as followeth:—Of the Queens foreland, tunnes 130.

The *Mone of Foy* hath ovr in her as followeth:—Of the Queens foreland, tunnes 100.

The *Beare Leycestr* hath ovr laden in her—Of Dyers Passage, tunnes 100.

The *Judith* hath ovr laden in her as followeth:—Of the Countess of Sussex myne, tunnes 80.

The *Gabriell* hath ovr laden in her as followeth:—Of Beares Sound, tunnes 20.

The *Michael* hath ovr laden in her as followeth:—Of Beares Sound, tunnes 20.

The *Armonell* hath ovr laden in her as followeth:—Of

Fentons fortune, tunnes 5; of the Countess of Warwicks mync, tunnes 5; of Winters furnace, tunnes 5; of the Countesse of Sussex myne, tunnes 85.

The *Emanuel* of Bridgewater hath owr laden in her as followeth:—Of the Countess of Sussex myne, tunnes 30; of Dyers Passage, tunnes 20; of Bears Sound, tunnes 60.

The *Salomon* hath owr laden in her as followeth:—Of the Countess of Warwicks myne, tuns 10; of the Countess of Sussex myne, tunnes 60; of Beares Sound, tunnes 60.

Forasmuch as the Countesse of Warwick myne fayled being so hard stone to breke and by iudgement *yelded not above a hundreth tunnes*, we were driven to seke mynes as above named and having but a short tyme to tarry and some proofs made of the best owr fownd in those mynes abovesaid, men were willed to get there lading of them and every man so employed him self to have lading, that many symple men (I iudge) toke good and bad together: so that amongst the fleets lading I think much bad owr will be found.

If the owr now laden doth prove good, at the mynes and places abovesaid is plenty thereof, but gotten with hard labour and travayle: upon the Countesse of Warwick's Iland Capteyn Fenton hath hidden and covered in the place of the myne all the tymber that came hither for the howse, and divers other things, to whose note I refer me.

Allso he hath caused to be buylded a little howse upon the same iland and covered yt with boords to prove how yt will abyde or stand untill the next yere and hath left in yt sundry things.

The second said of September, the Queens foreland bearing from us to N.W. and by north, there passed by us these ships bearing to seawards we lying a hull: the *Hope-well*, the *Fraunces of Foy*, the *Beare Leycestr*, the *Armonell*, and the *Salomon*, the *Armonell* at that instant lost her boat and one man; the *Salomon* lost her boat before her comming by us. All which ships the 3 present in the morning was

owt of our sighte homewards bound lying to seawards S.S.E. with the winde at N.W. a great gale of wynde.

The second said at night came unto us our pynnas with 8 mariners in her who came from Bears Sound that morning, and bearing over with the S. coast with 18 mariners in her, landed uppon certayn ilands to loke to seawards for us, and after them came the Generall in the *Gabriell* and in their company the *Judith* and the *Michael*, our men at that instant aland and loking for us, did scry 2 ships one under sayle and the other at hull, whereof we in the *Ayde* was one and the *Armonell* the other, she under sayle and we a hull, allso betwene us and them was the *Mone of Foy*, our men which were landed as beforesaid embarked them selves agayn in theyr pynnas an did beare after the *Gabriell*, the *Michael*, and the *Judith*, and did put aboard the *Gabriell* and *Michael* all the 18 mariners and then being somewhat nearer the *Judith* did put a man allso aboard her: and having order before of the Generall, the mariners remayning in the pynnas did beare from the *Judith* towards the *Mone of Ffoy* willing them to remayn with her, but they having a bold pynnas with sayles afterwards espying us a hull, but not knowing us to be the *Ayde* did owt sayle the *Mone of Foy* and at the closing up of the evening we made the said pynnas to be the *Michael* and the *Moone* to be the *Gabriel* and sometymes lying spooning before the sea and sometymes thwart remayning their comming up at length we fownd yt the pynnas as abovesaid: then they bringing us newes that the Generall was comming in the bark abovesaid and in the company of the ships allso aforesaid with the *An Fraunces* allso, the said night we did ly a hull and did hang owt lights for them all night long to show him and burnt a pike of wylde fyre to the end they might the better fynde us we hoping to have had them a boord long before day; but when day was come, we loking owt for them could not see any of them but the *Mone of Foy*: then we iudging they had overshot us or did

afterwards spone before the sea 3 or 4 howres, and the *Thomas Alin* then being to seawards and wyndwards of us came bearing toward us and after we had spoken with them, they also iudged them to be a hed of us and then we made our sayle with our corses and foretopsaille, the winde at N.W. a great gale, and we sayled S.S.E. and towards night the winde came at W.S.W. and we sayled also S.S.E. the winde somewhat slacked our lesser still keeping company with the *Thomas Alin* and the *Mone of Foy*.

The second said also our mariners of the pynnas declared that they at their comming over from Bears Sound did see the *Emanuel* of Bridgewater in great danger to be lost to the leewards of the sownd and did strike their sayles uppon the last of the flud to anker as they did iudge amongst the rocks, and then yt was not likely they shold ride to escape all the next eb, the winde at N.N.W. and a very great gale: God be mercifull unto them.

The said also they declared that the captayn of the *An Fraunces*, George Beste, was with his pynnas in Beare's Sound laden with ovr and the number of myners and mariners in her about 30 persons: they rowed with the said pynnas towards the *Michael*, but whither they boorded her, they cannot tell, and at that instant the *Michael* had the *Thomas Alins* pynnas at her starn, which the master said he wold cut of yf she did hinder him his comming owt as yt was thought she wold do: and afterwards our said men did see the *Michael* without any pynnas at her starn, and thereby do iudge that the *An Fraunces* pynnass and her men remayned in the said sownd and are in dowl of their getting their ship.

The 4 said still keping our course homewards S.S.E. the winde at N.W. a reasonable bearing gale: in the morning our company did hale up our pynnas which we towed at her starn to clere the water owt: the sea thrust her up with great force against the starn of the ship whereby she

perished, and so they did cut of the tow ropes: she came up with such force, that yf she had byn strong as she was but weak, she mought have put the ship allso in danger striking in some plank; the blow was such that a company were commaunded to loke whether we had hurt thereby or not, but God be thanked we had none.

The 5 said at night in a storme we lost the company of the *Mone of Foy*.

The 6 said Thomas Batterby God called to his mercy.

The 10 said, being in the latitude of $53\frac{1}{2}$, about 2 of the clock after midnight, our mayn yard did break a sundre in mydds which to recover in we did beare rome with our fore-saile before the winde, the winde at S.W. and presently did put owt 2 lights and shot of a pece to geve the *Thomas Alin* knowledge of our mishap, but yt shold seme they loked not owt for owr light nor pece, but still carry all their sailes and in the morning we could not see her: the sayd yard was perished 5 or 6 dayes before striking of yt tarrying for them at which tyme yt gave a great crak, but we could not finde where yt was, nor what yt was that craked.

The 11 said yt was amended and strengthened with a plank and anker stocks and woulded with ropes, and then we brought a new mayn saile to the yard: and about 7 of the clock at night we did set saile with yt with a reasonable gale of winde and immediately yt being but weakly fished gave a great clak and therewithall we stroke yt agayn and so rested with it all that night.

The 12 said yt fell caulme and then we fished the said yard and woulded yt with ropes in sundry other places and so strengthened yt very strong so that we had the use of yt agayne.

The 14 said at 3 of the clock at afternone, the winde at sowth S.E. began very fiercely and so increased all that night growing to a terrible storme contynuing untill the 15 said to 8 a clock but altered uppon sundry points increasing that

yt was not sayle worthy, whereuppon we were forced to spone before the sea withowt sayle and at the end of the second watche, the seas was so terribly grown that one sea came so fast after the other, the one carrying up her head and an other came with such force that yt brake in all the starn of the Generalls cabbin and did beare down with yt the cowbredge head of the said cabben, striking allso one Fraunces Austin from the helme, who called to the company for help fearing we shold have perished, but withall spede yt was amended, God be praysed, and we by his Godly providence wonderfully delivered.

The 17 said God called to his mercy George Yong myner.

The 19 said being in the latitude of 52 degrees we encountered with the *Hopewell* being to leewards of us they declared that the *Bears* and the *Salomon* were to weatherwards of us, and that they were seperated in the great storme from the *Armonell* and the *Fraunces of Foy*: the *Hopewell* lost her boat and a cable and an anker at her comming from the streict.

The 21 said we had sight of 3 sayles being in the latitude of 51, whereof 2 was to leewards of us and one to weatherwards, we did suspect them to be men of war by their working, and therefore we did hale close by the winde to speak with the weathermost ship, and being inowgh in the weather of the leeward ships did ly les in the winde untill the weathermost ship did come within our knowledge, and then we did fynde her to be the *An Fraunces* at the shutting in of the evening and did lose sight of the other 2 sayles, but we iudge them to be of our company, the winde was then at N.W. and by W. by the *An Fraunces* we had understanding the Generall to be in the *Gabriell*, and was seperated from their company the 14 said in a storme, they iudge them to be a head of us: the *Judith* and the *Michael* they left in company together, which they iudge to be a starn and allso the *Mone*, they spake with her and left her a starn



STATE PAPERS SUBSEQUENT TO THE
THIRD VOYAGE.

- I. MINUTES TO MR. LOCKE ABOWTE MR. FURBISHERS VIAGE.
- II. THE QUEENS AUTHORITY TO COLLECT OF THE ADVENTURERS THEIR SUBSCRIPTIONS.
- III. FROM MY LORDS TO CERTAYNE GENTLEMEN FOR PAYMENT OF CERTAYNE SOMMES.
- IV. THE EXCLAMATION OF THE MARRINERS FOR THEIR PAYMENT.
- V. FROM M^L LOK TOWCHYNGE THE ADDITAMENTS.
- VI. MR. LOKS ACCOUNT.
- VII. AN ANSWEARE TO MR. LOCKES ACCOUNT.
- VIII. SECOND MINUTE FOR THE PAYMENT OF THE WAGES.
- IX. THE ANSWER OF ME MICHAEL LOK TO THE AUDITORES OF MY ACCOUNTS.
- X. THE HUMBLE SUTE OF THOMAS BONHAM.
- XI. FROM SIR THOMAS GRAHAM TOUCHYNGE THE ORDER FOR THE PAYMENT OF THE MARINERS.
- XII. THE VENTURERS NOT PAYDE.
- XIII. THE HUMBLE PETITION OF M^L LOK FOR CHARGES DISBURSED.
- XIV. AN ORDER SETT DOWNE BY THE QUEENES MAJ^{TIE} TOUCHYNG THE PAYMENT.
- XV. THE OFFER OF MICHAEL LOK FOR THE NORTHWEST EWR AT DARTFORD.
- XVI. AN OFFER MADE AT MUSCOVY HOUSE BY JONAS SUTE BEFORE MR. FEELD, MR. LOK AND MR. ANDREW PALMER.
- XVII. ALL THE STOK OF THE VENTURERS IN ALL THE IJ VOYAGES.
- XVIII. THE ABUSES OF CAPTAIN FURBISHER AGAYNST THE COMPANYE.

freight thereof, and of the maryners and mynars employed in the voyage are double the rate sett downe at the begynnyng therof, as it is certified to us by the Commissioners therunto appoynted for the payment wherof and discharge of the said men, it is requysyt to collect of the venturars presently the sum of viij^m pounds of money. And forasmoch as it is greatly needfull to use all dylygens for the present spedye collection of the said sum of money, aswell for the avoyding of excessyve great charges w^{ch} grow theruppon daylye untill the said men be paid and ships discharged, as also for the performans of dewtye and mayntaynans of credite of the companye. This is therfore to wyll and require you (being thresorer appointed) presentlye, w^{ch} all the dylygens that you can, to collect and receave of the venturars in this voyage the severall sums of money dew by them for the rate of their venture, according to a cedula of their names and sums herewithall under the handes of the said commysyoners. And in case that you shall fynd any of the venturars to be remysse in payment, and doo not presently pay his part and dewty as aforesaid (w^{ch} we trust shall not happen), then doe you thinke meate that you gyve knowledg therof unto the Lord Mayor of London, and to Sr W. Cordell, Master of Records, whome we have appointed to be assystant unto you in that case, according to the tenor of our letters directed unto them in that behalfe.

Michael Lok.

[*Colonial*, 101. *Dom. Eliz.*, cxxvi, No. 21.]

After our very hartly commendacions. Wheras our loving frynd Michael Lok is appointed presently and spedely to collect and receave of the venturars in the voyage of Mr. Ffurbusher, according to a cedula of their names delyvred to hym, a good sum of money for the payment of the maryners and discharge of the ships now come. And for that it may happen sum of them wyll not make ready payment of their partes, or wyll refuse to pay the same, w^{ch} thinge would be a hynderans to the rest by great charges dayly growing thereon untill the maryners be paid and the ships dyscharged.

Therefore we have thought good to requyre you twayne to be assystant to the said Michael Lok in this case, and uppon his information or complaints unto you to be made to calle before you suche persons as shalbe found shak in payment, or shall refuse to pay their partes as aforesaid, and to perswade them either to pay the same presentlye, or els to comende them, as so directed by us, to appeare before us presentlye to shew cause why they doe not make payment accordingly. And so—

By h. Mayors.
Cordell.

[*Colonial*, 107. *Dom. Eliz.*, cxxvii, No. 8.]

DECEMBER 1578. M^m FROM MY LORDS TO CERTAYNE GENTLEMEN FOR THE PAYMENT OF CERTAYNE SOMMES DUE BY THEM FOR THEIR ADVENTURE IN MR. FURBISHERS VIAGE.

After our hartly commendacions. The Quenes Ma^{tie} being geven to understand that the myners, maryners and others imployed in the late vyage under our loving frynd Martin Furbusher, gentilman, are not yett paid all their wags for their sarvys in the sayd voyage, but doo lye styll at the great charges of all the venturars, for lak of payment of the money dew by dyvers of the particuler venturars, althoughe her Ma^{tie} and many of the venturers have paid their partes dew for the same. And for that uppon thaccount taken it.....appere that for yo^r part therof you are to paye the sum of (*blank*). She hathe therefore geven us expresse commaundement to require you amongst others and straytly to charge you in her name to geve order for the payment of the sayd somme in London unto the handes of Thomas Allen, tresorer therunto appointed, w^{thin} ten days after the receyt herof w^{thout}.....ffor that otherwyse yt is ordered that suche as shall.....or fayle to make payment at the daye lymyted shall be quyrt exempted from all maner of benefytt and privedg. that may grow unto them by their former ventures made in the said voyages. And thus we hartely bid you Farewell.¹

	In the countrie.				
The Erle Pembroke	-	-	-	£172 10 0	
The Countesse Pembroke	-	-	-	- 28 15 0	
The Lord Hunsden	-	-	-	- 85 0 0	
Sr Henry Wallop	-	-	-	- 57 10 0	
Sr John Brockett	-	-	-	- 77 10 0	
Mr. William Pellham	-	-	-	- 135 0 0	
Anthonye Jenkinson	-	-	-	- 57 10 0	
The Ladye Anne Talbot	-	-	-	- 10 0 0	
				£623 15 0	
	In the Court.				
	-	-	-	£	
	In London.				
Nexste weke.	{	Sr Thomas Gresham	-	-	- 180 0 0
		Sr Leonell Ducket	-	-	- 91 5 0
		Mathe Fyld	-	-	- 57 10 0
		Edmond Hogan	-	-	- 115 0 0
		William Harington	-	-	- 28 15 0

¹ [And—Farewell], expuncted MS.

	Mr. Thomas Randall	-	-	-	45	0	0
	„ William Paintor	-	-	-	57	10	0
	„ Jeffrey Turvile	-	-	-	57	10	0
	„ Richard Bowland	-	-	-	57	10	0
	Mrs. Anne Kynnersley	-	-	-	86	5	0
Christmas.	Mathew Kynersley	-	-	-	28	15	0
	Robert Kynersley	-	-	-	57	10	0
	William Bonde	-	-	-	115	0	0
	William Burde	-	-	-	20	0	0
	Thomas Owen	-	-	-	28	15	0
	William Ormshaw	-	-	-	28	15	0
	William Dowgle	-	-	-	28	15	0
					£1123	15	0
	Sr Wm Wintar	-	-	-	40	0	0
	Christofer Andrews	-	-	-	5	0	0
	Robert Martin	-	-	-	5	0	0

[*Colonial*, 110. *Dom. Eliz.*, cxxvii, No. 12.]

DECEMBER 8, 1578. THE EXCLAMATION OF THE MARRINERS,
ETC., FOR THEIR PAYMENT FOR SERVICE UNDER MR. FUR-
BISHER.

My dewty remembryd unto your honar. This is to syngnyfy unto
yor honar that we, commynge home wth out mony where hit was
declaryd beffore we came that we wolde brynge hit wth us, they keppe
a gretor store nowe then they dyd before, and wyl beleve nothyng that
we do saye. If hit maye please your honar that suche order may be
taken that those w^o was taxyd by your honars maye be receyvd wth the
reste that owght to paye who be in the corte by somme one yor honar
maye please to apoynt. And that hit maye please your honar to sende
the messenger w^t the letter to those in the syete (city) that they maye
paye presently, and I shall geve my attendance there to receve hit and
to paye hit ageyne accordyng to order, ffor lvyng at the corte
is great chargys, and all moste be put to account. All so there is
a great dell of ffreyt to paye: no shippe p^d but one, w^{ch} is caulyd the
Beare, Lester, w^{ch} is Mr. Lockes shippe, and she is holy payde, as
your honar may se in his account of the mony w^{ch} he dyd receive; hit is
350*li*. the laste parsell. There is other that wolde be p^d as well, as he
Crystmas beyng so nere every man cryythe out for mony. I wyshe all
myght be payde before the tyme and hit be possybell, desyeryng
your honar to helpe at a pynche, or elce I wolde I had my mony and
another had my offece. This I take my leve, commyttinge your honar

to the Lorde, who blesse you and kepe you for ever. Wrytten at my howsse in London this viij December in anno 1578.

Your^{rs} to commaunde,

Thomas Allen.

To the Right honorable Sr Francis Walsingham,
knight and principall Secretary to y^e quenes
highnes geve these.

[*Colonial* 111. *Dom. Eliz.*, cxxvii, No. 16.]

DEC^r. 11. 1578. FROM MICHAEL LOK TOWCHYNGE THE
ADDITAMENTS.

Right honorable. This berar the messenger wyll report unto you what he hathe done wth the venturars for their money. We have not yet receved anye but of Wylliam Ormshawe. We hope the rest will come shortlye. This messinger sayethe he must have his fees. I know not what to answere him thereon but as yo^r honor will appoint.

The great workes at Dartford stand still untill additament come from the northe or the west ; that of the northe wyll come shortlye I hope, that of the west is not yet sent for, bycause the commyssioners had not lyn togetheres sins I was at the court, but to morrow Sr Thomas Gresham and others of them wilbe in towne as I am informed, but when they meete I think they cannot do moche for Mr. Edgecome's dytament, wthout sum speciall letters to hym from the courte. And in the meane tyme I think it very needfull that letters were wrytten to hym to send a ton therof by land wth the very first spedy convayans, for that we are very certaynelye assured by Jonas and Denan that that is most good and most fitt to work wth our ewre, and the like surans have we by one Goodyere an English workman, who hathe wrought' in my hows these iiij or v dayes on divers small sayes of our ewr by appointement of Sr Leonell Duckett, whose report yo^r honor shall know wthin ij or iij dayes. Aud thus I commit yo^r honor to Almighty God. From London this Thursday xj December 1578.

Yo^r honors most bounden

Michael Lok.

To the right honorable Sr Francis Walsingham, knight,
her Mat^{ties} principall Secretarie.

at the Court.

[*Colonial*, 112. *Dom. Eliz.*, cxxvii, No. 20.]DEC^R. 15TH 1578. MR. LOCKES ACCOUNT.

Right honorable, I have receved presently yo^r letter wherin y^r honor dothe write me of informations gyven against me to detayne in my handes the companyes money and their goodes, for answeere therof I can saye no more, but that I have none of their money in my handes, and for prooffe therof I referre me to myne accounttes,¹ w^{ch} I am redye to showe in particulars, whensoever the commysyoners and audytors wyll take a tyme to paruse the same. And syns that Mr. Allyn was appointed to be tresorer I have not receved one peny of money of any of the venturars, but onely xxviii^{li} of my Lady Martin, wherof I paid out xx^{li} unto Denam for his journey into the northe, and the rest wth a more summe is paid outt for divers petty parsells w^{ch} grow dayly uppon the workes of Dartford and amonges men for their sarvyce. And I am fully determyned not to receive one penny of money nor other matter of any of the venturers but to gyve over myne offyce unto Mr. Allyn, although dayly I doo styll take payne to passe all accountts wth all men, and wyll doo styll to bring this busynes to a good end, the best I can. And I have not receved of any of the venturers any one parcell of wares syns Mr. Furbusher retorned home into England nor before he went on the voyage, but onelye of iij or iiij of them, summe munition or tackeling for the ships, w^{ch} stode for money for their venture outwardes, w^{ch} is answered in thaccounttes, butt nothing at all have I receved of any of them for this their dewtye for the ffraight of the ships nor wagys of the men. And I have no goodes in my handes belonging to any of the venturers in particuler, but I have my howsse full paystered of the goodes of the companye dyscharged out of their ships come home, w^{ch} is tacking of ships, monytion, vyttells, and many od things, w^{ch} is all by inventarye receved under the handes of the masters and offycers of the ships, w^{ch} goodes I am ready at all tymes to delyver into the handes and charge of Mr. Allyn when soever it pleases hym to receive ytt.

Herein have I wrytten to yo^r honor the trewthe of my doinges w^{ch} I wyll justyfy. I beseche yo^r honor to stand my ffrynd as you shall see cause of defect by my doinges. And bycaus that sclanderous tonges wyll not be stopped by wordes, I make no answeere to them, but abyde the tyme when God shall make my doinges knowen wherby he shall stop them for me. And I comytt yo^r honor to Almighty God. From London this Monday xv December 1578.

Yo^r honors most bounden

Michael Lok.

To the right honorable Sr Francis Walsingham, knight,
her Ma^{ties} principall Secretarie.

at the Court.

¹ Two volumes of these accounts are in the Miscell. of the Exchequer, vol. 60, 61.

[*Colonial 123. Dom. Eliz., cxxvi, No. 57.*]

THE NORTH-WEST VOIAGE. A BRIEF REPORTE OF THE ACCOMPTE OF MICHAELL LOCKE CONCERNING THE CHAEDGES OF IIJ VOIAGES INTO THE NORTH-WEST PARTES UNDER THE CONDUICTE OF MARTIN FURBUSSHER, TOGUTHIER W^T THE CHARGES OF BUILDINGES AT DERTFORD.

Divers sommes of money received by Michaell Locke of the adventurers, viz., for the furst voiage, viij ^o lxxv ^{li} ;	
the second voiage, v ^{mt} cccv ^{li} , and the iij ^{de} voiage, vj ^{mt} vije iiij ^{xx} iij ^{li} xv ^s .	xij ^{mt} ix ^o lxiiij ^{li} xv ^s
Divers sommes of money received of the said adventurers for buildenges at Dartford	m ^l iiij ^{xxli}
Divers sommes of money recevid for paiement of freightes	v ^{mt} vij ^o lxxvij ^{li} xv ^s
Sum totall of the receiptes.	xix ^{mt} viij ^o xxij ^{li} x ^s

Wherof

Allowed in the said accomptes for buildeng repaireng and furniture of shippes, victuals, implements, wages, paiement of freightes and buildenges at Dertford, and divers other thinges as in the accomptes maie appere	xv ^{mt} ciiij ^{xx} vij ^{li} x ^s iiij ^d
And then remaineth to be accounted for	iiij ^{mt} vj ^o xxxiiij ^{li} xix ^s viiiij ^d

Wherof

Due by Thomas Allen, Threasurer of the voiage for money by him recevid of the said adventurers	vij ^o iiij ^{xx} iij ^{li} x ^s
Divers other persons for their adventures yet unpaide	ij ^{mt} v ^o cxx xv ^{li} xiiij ^s iiij ^d
Michaell Locke for money supposed to remaine in his handes	m ^l cxxvij ^{li} xv ^s iiij ^d

Whereof he demandeth allowaunce of m^l cc^{li} for his attendance and charges sustained in the causes of the said iij voiages.

Tho : Neale, Audit.

On the back occurs—Articles to be inquired of by Mr. Thomas Neale and Mr. — Baynham, Auditor^s appoynted to take the accompt of the northwest viage.

What som the whole adventure in the sayd viage dothe amount unto.

What sommes the adventurers in that viage have payd of the same.

To whom the same was payde.

What is behinde by the sayd adventurers.

What Michaell Lock is farther to be charged wthall for wares sowlde pertaynyng to the compaguye.

What hath been paydd to Mr. Th. Alin the 2 Marcheant as Threasorer, and howe the same hath been ussede and what remayneth in his handes.

What is dewe by the compagny for freight of shippes and otherwyse and to whom the same is dewe.

[*Colonial*, 126. *Domestic Eliz.*, cxxvi, No. 35.]

AN AUNSWEARE TO MR. LOCKES REQUEST FOR 1200^{li} w^{ch} HE DEMAUNDETH OF THE COMPANIE OF THE NORTHWEST VOIAGE FOR HIS SERVICE FOR IJ YERES.

1576. The first yere.

1. First, where the saide Locke demaundeth for three yeres charges and for warehouses and for kepinge of house. It is thought y^t the first yere is not to be brought into this reckoninge, for that he was then in the service of the companie of Muscovia, and that yere also the companie of the Northwest voiage had no need to use warehouses or anie meetinges; ffor in the said first yere there went forthe but two pinasses, and the adventure was but 875^{li} w^{ch} was all lost and spent. Therefore, if the said Lock be allowed iij^{li} for the hundreth, it is verye muche for 875^{li} w^{ch} is 20^{li} £20 0 0

1577. The second voiage.

2. This yere went out the *Ayde*, wth two pinasses, and the adventure was 1075^{li}. And if the said Locke be allowed for 200^{li} after iij^{li} for the hundreth, w^{ch} is 96: that is, wth the most, he tarying at home and not travailinge. Moreover, in this yere he was not muche troubled wth house roome, servantes, or greatt dyett. But lett there be allowed him above his provision towards his charges and servantes, xx^{li} . . . £116 0 0

1578. The third voiage.

3. In this third voiage there went out ten ships, w^{ch} the said Lock had to deale wth all the *Ayde*, the *Judith*, and two pinasses, and the adventure this yere was 7000^{li}, wherof the said Lockes adventure was 2030^{li}. Beinge allowed for 5000^{li}, after iij^{li}, for the hundreth 250^{li}, and for his servantes, three in number, at xij^{li} vj^s viij^d the peece, w^{ch} is 40^{li} (thoughe in the said Lockes accompt nothing is putt downe for their charges), and for meetinge of the commissioners diverse times after, 10^{li} the monthe, for iij monthes, w^{ch} is x^{li}; this may be thought sufficient, ffor the commissioners did not eate often wth him, and but a fewe of them at a time £230 0 0

Touchinge the interest of money taken upp by the said Locke by exchange.

4. It is not thought meet that he shoulde be allowed anie thinge, because it is verely thought he tooke not upp anie monie for the use of

the said companie, but rather for him selfe, because he was so greate an adventurer in the voiages aforesaid : at the leaste, if he did take upp anie it could not be verie muche. This demaunde being so greate, it is like he knoweth for whom he tooke upp so muche money, who are to repay the same to him, and no reason that other adventurers w^{ch} have paide their money should pay him interest.

5. Ffor boate hire, to and from the Courte at sundrie times in two yeres, the said Lock may have allowance of x^{li}, w^{ch} is reasonable.

6. Ffor the time of the buildinge at Dartforde, for his riding charges, and keepinge three horses about sixe monthes after, xv^s the weeke, w^{ch} amounteth to xvij^{li}. As for his mens and his owne diats are allowed before : yet, because riding charges be great, he may be allowed for him selfe and his men xxij^{li} more 40^{li}

7. Ffor the said Lockes charges to the Courtes, and following hir Ma^{tie} in progresse, a certain estimat cannot be made thereof : it being uncertain howe often and howe farre he did ryde ; but it is to be supposed not farre, because hir Ma^{tie} was ever in hir progresse when the ships were absent in their voiages, at what time Locke had least to doe wth the Courte. And his ridinge in this case and time could be but part of two progresses in the two last yeres, for w^{ch} he may be allowed xx^{li} £430 0 0

[*Colonial*, 114. *State Papers. Eliz.*, No. 4, Vol. 129.]

13 JANUARY, 1578-9.

The Second Minute for this purpose.

After o^r hartie comendacions, &c., albeit that not longe sithence upon informacion given unto the Quenes Ma^{tie}, that the myners, maryners, & others imploied in the late voiage under o^r loving freind, Mr. Martyn Furbusher, weare unpaide of their waiges for their service in the said voiage (and thereby do lye still at the great increase of charges of all the adventures). We wrote o^r letters by her Ma^{ties} precise commandem^t to [yo^r L.] emonge others, to make paiem^t of [clxxij^{li}], w^{ch} remayned unpaid of the somme that [yo^r L.] assented to contribute to the said adventure to the hands of Mr. Thom^s Allin, thresourer, appointed for that p^opose wth in x daies after the receipt of o^r said letters : yet the same not wth standinge her Ma^{tie} is eftesones given to understand that the said somme gevon by your L., as also lyke sommes geven by other the adventorers, remayne yet unpayed, whereby as the inconvenience aforesaid, onelie by the wante of paiement of suche money, is increased. So is her Ma^{tie} the more moved to mislike thereof (Her Highnes & diverse of us & others having paid o^r parts according to o^r promisse). Theise are therefore once againe to praye yo^r L. to geve present order for the payment of the sayd some, for besides her Ma^{ties} good contentacion, that hath alwaies bene well effected to

the voiage: though somme men, upon misliking, can be contented to withdrawe themselves, & to be exempted from the adventure & all privileges of the same, as was mencioned in o^r former letters that all suche should be as refused to make paiement by the daie lymitted: yet is it not thought in any wise resonable, howe soever the thing shall fall out; but that they should make satisfaction of so muche as they have promised, for without these promises the voiage had never bene taken in hand. And thus trusting that for the respects aforesaid, we shall nede in this case to write no more; we bidd yo^r L. hartely farewell.

(Endorsed.)

M^d To the adventurers.

[*Colonial*, 119. *State Papers*. Vol. 129. *Domestic Eliz.*, No. 9.]

My dewtie remembred. Hit maye pleise youre honor to undarstand that Mr. Furbusher doyth moche myseuse me in words, saynge, I have complayned to the consell of hym. And that I have saide that all ys nothing worth at Dartforde, and howe he hayth receyved so moche monye and donne wth it, he pleaseth wth all, where in I ame une oneste and have no onestie in me. I do remebar I dide declare unto yo^r own honor, wiche was wryten in my byll of debts at the lower ende, that he dide reseve 86^{li} of Mr. Frances, 50^{li} of my L. of Warwicke, 7^{li} of Mr. Turwill, wiche I most nedes declare, be cause I have gyven no quyttans for yt. And youre honor axed me what he hade donne wth all. I anured, I colde not well tell; but, as I dide here p^ade fraught unto some of those shippes wiche he dide fraught in the west contrye, & some of the myners, he sayth those shippes dide hym the best serves when owre other shippes dide rune awaye. Sr, he wyll werye us all, and he have the brydell to moche. Sr, under youre correction, I do not thincke yt amyse, and yt be youre honors pleasure, that there weare comysion frome youre honors that Mr. Furbusher accounte sholde be nowe presentlye awdited wth these same auditors, for Mr. Lockes wylbe downe this daye, and so shall youre honor see boythe the accounts to gether, and what ys owyng by them. And that ordar may be gyven by youre honors, that all superfluous charges may be cutt of whyth spede or else yt wyll rowne one styll to great charge. I wolde I weare dyscharged, rather then I wyll be thus raled at for my paynes. This I take my leave of youre honor, commytting youe to the All Mightie. Wrytten at my howse in London, the xiiij of Janewary, 1578.

You^r honors to commaunde,

Thomas Allen.

(Endorsed.)

To the right honorable Sr Frances Walsingham, knight,
and pronsevall secretary to hir Ma^{tie}, geve these.

[*Colonial*, 120. *State Papers*, Vol. 129. *Domestic Eliz.*, No. 11.]

M^R W^M BOROUGH, TO S^R F. WALSINGHAM. 14 JAN^R 1578-9.

After my dewty unto yo^r honoure, dewly considered, this daye being Wensday, the xiiijth Janewary, I receved yo^r letters bering date at Richemoud the xijth of this present, wherby I understand it hathe ben informed yo^r honour that I shuld owe for myne adventure in this last voyage wth Mr. Frobisher, the som of lvij^{li} x^s, the w^{ch} yo^u requyre me to paye out of hand, or els to repayr presently to the court, wher I shuld understand her Ma^{tie}s furder pleasure.

True it is, right honorable, that at the setting forth of this last voyage to Meta Incognita, Myghell Loke, then treasurer, and cheefe dealer for the same voyage, bought of me (to serve in the same voyage) a shipp called the *Judeth*, of burden about lxxv tons, for the som of 320^{li}, the w^{ch} he condicioned to pay me in Maye last, wher of I allowed him then lxvij^{li} x^s for my adventur, in the sayd last voyage. Afterwards (in June last) I recevid of him lxxx^{li}. So I accompt to have recevid 157^{li} x^s, (and he then rested dettor to me 162^{li} 10^s), the w^{ch} rest I cold by no meanes get of him, unles I shuld have recovered it by lawe, w^{ch} I was loth to doo.

Since the comyng home of the fleet of that voyage, and the charges of the same knowne; and, theruppon, every man allotted his porcion thereof, according to his adventure, my parte (as I understand) comyth to lvij^{li} x^s, the w^{ch} I accompt to be payd out of the sayd 162^{li} 10^s. And yet remaynyth dew to me, 106^{li}.

Thus, as appearith, I have payd my porcion fully wth the first, and ought not to have ben brought in now as a dettor. But, seeing Mr. Lok, his dealing towards me herein, hat ben wth so small credit or honesty, that neyther he wold paye me the money that hath ben so long time dew to me, nor yet accompt my porcion of charges to be payd as before I have shewed; but hath geven report unto yo^r honour that I shuld yet remayne dettor for the sayd som of lvij^{li} x^s. I will no longer credit him. And therefore doo besech yo^r honoure, that by yo^r good meanes I maye be appointed payment of my rest, 106^{li}, w^{ch} hath ben dewe to me so longe since.

I wold have attended uppon yo^r honoure according to yo^r order; but, true it is, that I have ben ever since Christmas very much trobled wth an extreme payne in my hed, so as I have ben forced to keepe my howse, and yet am not clear of the same, but hope of amendment shortly. Thus I commyt my cawse to yo^r honoure, and yo^r selfe to the tuicion of the Almyghty, who blesse the Quenes Ma^{tie} wth longe most helthfull, happy life and rayne. Amen.

Lymehowse, the xiiijth of Janeuary, 1578.

Yo^r honours most humble to use and commande,

W. Borowgh.

(Endorsements.)

To the right honorable, Sir Francis Walsingham, knyght,
principal secretary to the Queenes most excellent
Ma^{tie}, at the Court.

14 Januarie, 157 .

From Mr. Will^m a Burrough.

He hath payd the 5... 10^s demanded, in a shipp Mr.
Locke had of him for Furbishers last viage: &
there remayneth due to him more for that shippe
106^{li}.

[*Colonial*, 121. *State Papers*. Vol. 129, No. 12.]

MICHAEL LOKE TO Sr F. WALSHINGHAM.

Right honorable,—

I have receved yo^r letter, wherin I am charged to
paye ix^c x^{li} to Mr. Allyn, for my part of the freight of the ships returned
since wth Mr. Furbussher, in this third voyage. For answe^r whereof, it
may please yo^r H : to be advertysed, my part of that freight cometh to
iij^c xvj^{li} vs w^{ch} I have paid, as by myne accountt dothe appere, w^{ch} ac-
countt the Awditors are now in hand wth all, and by them yo^r H : shalbe
advertised very shortlys, bothe of thatt, and of all the rest of my doinges
in the companies busynes. And for more part of the said ix^c x^{li} it is sett
downe that the right honorable th'erle of Oxford, ys to paye iijj^c l^{li} ac-
cordinge to the order and rate of all the rest of the venturars, wherfore it
may please yo^r H : to call on his H : for the same sum. And yf that his
H : be not satisfied of this matter, I am to be ruled by yo^r H : and others,
uppon vex of the bargayne w^{ch} I made wth his honor, w^{ch} he hath under
my hand and sealle, for I will not doo any wronge wyttlingly to any man
lyving, especialye to his H : to whome I doo owe bothe dewtye and
reverence.

And thus for this tyme I take my leave humbly of yo^r H : and comytt
the same to almightie God. From London the xiiij Januarie 1578.

Yo^r H : most bounden

Michael Loke.

(Endorsements)

To the right honorable Sr Francis Walsingham Knight
her Ma^{ties} principall Secretarie.

at the Court.

14 Januarie 1578.

From Mr. Michael Locke

Towchyng the money w^{ch} he was written unto to pay to Mr. Allen for
his adventure in Mr. Furbishers viage.

[*Colonial*, 132. *Domestic Eliz.*, cxxix, No. 44, 1.]

THE 20 JANUARIE 1578. THE ANSWER OF ME MICHAELL
LOK UNTO THE WORSHIPFULL THE COMYSSIONERS AND
AUDITORES OF MYNE ACCOUNTES UPON THE SECONDE AUDITE
THEROF.

In the month of Auguste laste 1578 my iij bookes of accountes of the
iij voyages made by Martine Ffurbusher for the northwest partes were
audited by sufficient parsones therunto appoynted, who uppon the par-
ticular examinacon of the same, dide certifye under their handes
writtinge that uppon those accounttes dide remayne dewe unto me the
summe of ix^ciiij^{xix}iiij^{vj} of money, besydes all my stocke in venture
wth the companye, w^{ch} was about iiij^mli in all thes voyages.

Firste audite
of myne
accountes.

Afterwardes M. Furbusher beinge returned home, he of his owne evell
disposed mynde dislyked of myne accounttes, and made greate complaynt
of the audite therof and procured you the new comyssioners and new
auditores to revewe and examine better all myne accounttes and doinges
w^{ch} you have done. And now by that w^{ch} you have sene well provide
agayne, you doo fynde my said accountes to be juste and trewe as they
wer befor in all partes excepte onlye in iij poyntes following, to the
whiche I doo now answer.

Seconde
awdyte of
myne
accountes.

Firste you wold dysallowe me a somme of 96^{li} w^{ch} I make paid to the
shippe *Beare lester* for vittels of men that were passingers therin, wherunto
I answer that I dide paye that some of mony and agreater summe unto
that shippe befor her departure from London, and I dide knowe by a
covenant of agreement made in the charter partie, that the said shippe
was to carrye xx men passingers, for the w^{ch} was dew eyther that somme
of monye or so muche vittells as should suffice for them. And I did know
that shippe dide carrye from London to Hawiche more than xxx men
wthout any manner of vittalls put into the shippe for them, and they
fedd only of the shippes owne provission, and I dide know that thes
vittelles were denyed her in the Tames, and I dide not knowe that any
vittells were put into that shippe for them at Harwiche, but I was in-
formed that none would be ther delivered therfor although this payment
be sett doune and allowed unto me in account, yett is yt but uppon a
good accounte, for mysreconynge is no payment for I have recevid no
mony for yt of the companye uppon that account made, but now yt
standeth stille as mony paid uppon the freight dew to that shippe.

The j ob-
jection for
96^{li}. paid.

The second poynte is matter of yor dislykinge of the order of my said
accounttes, in that you saye I ought to have charged myselfe uppon the
fotte of that myne accounte for suche debts as were owinge for the goodes
bought and were not then paid : to this I answer that in dede yf I had
so done ther wold not so great a remayner of ix^ciiij^{xix}li have appered to
be then dew unto me by the somme of vj^cli w^{ch} I hade not then paid,

The ij ob-
jections for
the order of
myne
accountes.

but I fynde no cause neather in reason nor in justyce that I should have made suche manner of accounte forasmoche as no day of payment was assigned but present mony and for the same by appoyntement of the commissioners I was become bounden unto those men that were unpaide, and they daly and howerly calleynge and exclaiminge on me for the mony and thretheneing me to prissonne for yt, from w^{ch} how hardly and chargablye hether to I have kepte myself, bothe I and my frindes doo knowe and felle; wherein I coulde fynde no helpe of any of all the companye w^{ch} trouble might have bene avoyded yf the companye accordinge to equitie and right had payed me that some of mony that therwthall I might have paid the creditors.

The iij objections for my stoke.

The thirde poynte is an objection made uppon my stoke that I have in venture wth the Company in these iij voyages; to the whiche I nede not answer, for the account sheweth yt plainly, that I and my parteners have in stoke and venture in all the summe of £4,680 of money w^{ch} is all paide excepte £450 w^{ch} muste he paide shortlye, wherof God graunt good successe and then all this ware wilbe turned into peace.

The great sumes of mony wch I have disbursed for the Company.

Morover you doo nowe see by myne accounttes that over and besydes all the said summe of mony for any stoke and venture and over and above all that I dide receive of all the companye I dide disburse of myne owne mony for the Company as followth: In the firste voyage more then vij^{li}, and in the second voyage xiiij^{li} w^{ch} afterwarde I dyde lette stande styll for my stoke and venture therein.

And in the thirde voyage iij^{li}, and in the buildinges and workes at Darteforde viij^{li} besydes other great sumes dysbursed in other meane tymes w^{ch} myne accounttes cannot declare particularlye, bycause the same are made up wthout dystinction of dayes or tymes but onlye one daye at thende of every yeres accounte.

All w^{ch} said summes of mony I have forborne longe tyme to my great troble and charges of interesse, and I was not repayd the same untill of late, about amonthe laste paste, as myne accounttes doo declare wherof I know that you wille have dew consideracone as reason requirethe.

This answer may suffice unto you that be wise and reasonable, and as for Mr. Furbushers fausty in this matter, yt deservethe none answer at all.

THE 26 JANUARYE 1578. MICHAELL LOK SALUTETH THE
WORSHIPFULL COMYSSIONERS AND AUDITORS OF HIS AC-
COMPTS OF THE IJ VOYAGES OF C. FURBUSER.

Ffor as muche as wordes are but winde and are easely forgotten of those whome they towche not, and yet beinge misplased by ignorauns of the speker, or mishard by negligence of the hearer, or misconstrued by the malicious, they do breed oftentymes contention and displeasure wthout cause, therfor I have thought good to set downe my mind in this

writtinge wherby you maye the better consider therof and so resolve uppon that w^{ch} reason and equitie will requier.

Nowe that you have gonne through the all myne accountes and have particularlie examined the same, you do fynd that I have made them justelye and trulye, and have not charged them wth and matter wrongfullie nor falselye. And by the course of them you maye perceave my great labour cost and troble had wth this busynes in these iij yeres voyages.

Myne
accounttes
found right
and trew as
at the first
awdite.

And by conclusion of thes accomptes you do fynde that I have a great somme of monye of myne owne in stoke and venture in thes voyages, and that I have disbursed and paid from time to tyme great somes of monye uppon the credit of my selfe and my frindes for the companys busynes, to furnishe those voyages. And that in my handes no monye dothe remayne dew unto the companye.

My great
venture in
these
voyages.

And wheras in thende of that myne accompt I do set downe a summe of xij*li* of monye in divers particuler parcellis followinge, w^{ch} I have paid and disbursed in the companys busynes in these iij yeares, and have not had any allowance therof, nor have sett downe anye demande untill nowe at thend and conclusion of these myne accountes to saye,

The charges
in iij yeares
busynes.

1. Ffirst for my ridinge charges in iij yeres to the courte and abroade for collection of monye of the venturares and other busynes of the company	Summe	£120
2. for my ridinge charges to Darteford in viij monthes sollicitinge the buildinges thear	Summe	£60
3. for my boathire to the corte at Grenwhiche and to the shipes and other places about the foresaid busynes in these iij yeares	Summe	£20
4. for the table diate of the commissioners, auditores, captaynes and others, dalye meatinge at my howse about the busynes of these 3 yeres	Summe	£150
5. for interesse of money taken uppe frome tyme to tyme to furnishe this busyness and dispatche of the shippes on ther voyages in dewe tyme for lacke of the venturars mony	Summe	£250
	Summe	£600
6. for charges and travayle of my selfe, my servauntes, and howshold, to followe this busynes, and takinge charge of thaccomptes and howserome of the goodes in these iij yeres	Summe	£600
	Summe	£1200

uppon w^{ch} said parcelles some of you the commissioners do make dowbt of the spendinge of the mony of some of *tl* of other some of them, wherefore reason and prooffe of dewtie f

The firste
begyninge
of these
voyages.

M. Lok
joyne the
with M.
Furbusher.

At the firste begininge of these voyages for the discovery of Cathay, etc., Martine Ffurbusher did procure the same to be taken in hand of a good mynd towards his contrye and comodite towards him selfe, by the good likinge of the right honorable the Lorde Burghley, Lord Highe Treasurer of England, and others of her Maties honorable privie counsell, whose letters he brought in that behalfe, dated in December 1574, directed to the Company of Muscovie for their lycens by their priveledge to doo the same, w^{ch} first they refused to graunte, of whose busynes I had then the chiefe charge and whole doinges, whereby I entered into knowledge of the matter, and although (accordinge to my dutie towards the Company of Muscovie, knowinge the inconveniences that therby might growe unto their trade of marchandiz) I did also dislyke of this motion for a tyme; yet afterwarde, uppon consideracion of my dutye towards my contrye, and knowinge by myne owne knowledge (as my manifold writtings therof wille witnes) the greate benyfitte that therby might growe to the same, and perceavinge the corrage and knowinge the aptnes of Martine Furbusher (by former acquayntance wth him, and uppon newe conference had wth him) to execute that attempte, I did so enterlie joyne wth him therein, that through my frindshippe wth the company I obtayned of them a priveledge and lycens to followe that attempt, datid the thirde of Ffebruarye 1574, w^{ch} I have, and so gave out my selfe openlye for a chiefe frynde and followar of the matter, wherby many men wer brought into a good likinge of the matter, w^{ch} before could fynde no trace therof. And hereuppon I used M. Furbusher as my fellow and frinde, and opened unto him all myne owne private studies and labores passed in twentye yeares continuans befor, for knowledge of the state of the worlde, and shewed him all my bookes, cartes, mapes, instruments, so many as cost me ve poundes of mony, and writtings, and my nottes collected therof. And dalye instructid him therein to my skyl, and lent him the same to his owne lodginge at his will for his better defence in talke thereof wth other men. And to be short, dalye increased my good will towards him, makinge my howse his howse and my purse his purse at his neede, and my credite to his credite to my powre, when he was utterlye destitute boath of mony and credite and of frindes, as his letters unto me and his protection of her M^{tie} dothe witnes, when he was first lodged at the house of one Browne in Flete Street, and afterwarde to have my better helpe and relief removed nearer to me to the howse of a widowe named Mrs. Hancokes in Marke Lane, who cane bare witnes of the same, wth others more that I cowlde name. Herewthall M. Furbusher was a glad man, and hoaped of great good fortune towards him, and towld me great matters of venturars that he would procure to furnishe this matter, wheruppon to begine the matter I made a writtinge dated the 9 of Februarie 1574, for the venturars to sett downe their some of monye wth their owne handes, and for the better incorraginge of others

ventures made, and other ventures hereafter to be made, and to lose all that w^{ch} alreadye they have disbursed.

Also yt may lyke yo^r LL. to understand that this daye we have had conferens wth one John Barton, gentleman, who semethe to have experiens of myneral workes, who hathe offered to make a proffe of the ewr at Dartford, at his owne charges in the great workes at Dartford, and theruppon will procede in the work of all the ewr there, to have for his industrie, vppon the valew of the ewr after this rate; to saye, for everie ton yeldinge the valew of xx ponds money clere above all charges, he to have ten shillings for his paynes and industrie, and yelding the valew of xxx ponds the ton clere of all charges, he to have xx shillings; and yelding the valew of xl ponds the [ton] to have xxx shillings for his industrie; and he to work ytt at his charges, and wyll work xv^o tons by yere, to whom (yf yo^r LL. lyke of ytt) we have consented he shall make prooffe ymediatelie after Ester, wherof yt may please yo^r LL. to advertyse us yo^r plesures, for that we doo stave the man in towne uppon yo^r LL. answeere to be had.

And for the procedinge of the great workes at Dartford by Jonas, we thynk ytt very requysytt to procede in the same, and therto is needfull of dyttamentts to be provyded for them, and other necessarie charges at Dartford for the working of the same, w^{ch} in all would ask the sum of v^o pondes untill the workes wyll mayntaine ytt self for the reste, for the w^{ch} money we have nott any means heere, for that the former cessementts wyll not suffyce for the freights and wagys of men yet unpaid, neyther doo we know how to provyde the same but by a new cessementt uppon all the venturars, and the charge and accountt therof to be comytted to a severall man.

Thus humbly we take our leave of yo^r LL., and comytt the same to the tuition of Almightye God. From London the xxvij Marche, 1579.

At yo^r LL. commandements,

Thomas Gresh'in.	Lionell Duckett.
John Dee.	Martin Frobisher.
Thomas Allen.	Edwarde Fenton.
X ^o pfer Hoddesdonn.	Gylbert Yorke.
Michael Lok.	Mathew Fyeld.

To the Right Honorable our very goods Lordes
the LL. of Her Maties Honorable Privie
Councell.

of the overthrow of the voyage in the yere before, and this matter also now was like to overthrow it this yere, and did cause most of the venturars to keape backe their moneye in thend; but, to forther the voyage, I dide helpe this matter the best that I cowlid, and I staped in wth my credite for his credite to satisfie all the venturars that he should deale honestlye and lyke a trewe man wth the ships in the voyage; but this would not sarve their torne. Wheruppon, afterwarde, by their consent, I devised a writtinge wherin was joynd wth him in comission Christofer Hall and Owen Griffen, M^{rs} of the shippes, and Nicholas Chaunsler, marchaunt & purser of the voyage, who were knowne for trustye men, wth out whose consent he should not comaund nor carrie the shippes, but accordinge to the comission geven them by indenture under their handes and seales, w^{ch} I have to shoue. This did satisfie most of the venturars, but all this dilligens would not bringe in mony to

Lyttle mony
of the
venturares
but M. Lok
sell.

furnishe owt one quarter of the shippinge intended for the voyage. Wheruppon the shippinge was dymynshed, and insteade of iij shippes, we could scante furnishe two small barkes and one lyttell boate wherwth all he went wth cost xvj^{ch} of mony wherof ix^{ch} came out of my purse alone, as thacomptes doo wittnes, besydes other thinges not declared in myne accomptes. And now this was the beggininge of my travell and service done to the Company in theis iij voyages.

M. Furbusher
returned
home.

Now, when Martyn Furbusher was returned hom againe, in October 1576, wth his strange man of Cataye, and his great rumor of the passage to Cathai, he was called to the courte and greatly embraced and lyked of the best. And uppon his great informacione of many great matters of this new world, yt pleased her Maties Honorable Privie Counsell to directe their letters and comissiones unto Sr William Winter, Mr. Thomas Randall, my selfe, and others, to calle unto us M. Furbusher and Christofer Hawle, and to take accompt of them of all their doinges in this voyage, and to take knowledge what were requisite to be donne in the followinge of this discoverie made for the passage to Cathai, for another voiage the next yere, and to certifie their honors therof.

Hereuppon manye mettinges were at my howse and sometymes at Sr William Wintares howse, and certificat was made by the comissioners to their honors of good lykinge of the passages to Cathai.

The first
stone of
ewer
brought
home.

In this meane tyme happened to be discovered the riches of a mynerall stone brought home by chaunce by Mr. Furbusher and delivered to me, wherof I caused prooffe to be made by skilfull men, and was sertified the same to be of a myne of golde, wherof I gave knowledge to her Ma^{tie} accordinge to my dutye, wheruppon muche marvale was made and muche enquire and triall made by others of more credite, by whome att the last it was confirmed to be trewe, and so was certified; wheruppon M. Furbusher was called to knowe what quantitie therof was to be had in that new worlde; he aunswered, that ther was inough to lade all the

shippes of her Ma^{tie} and theruppon now was prepared the second voyage Second voyage, 1577. anno 1577, wth muche greater preparacione then was purposed before for that her Ma^{tie} would be a great venturar therin.

And here uppon daly grew new busynes and new venturars and new collectiones for greater matters then befor and dalye new comyssiones and new directiones from her Ma^{ties} Honorable Councell, w^{thout} whose knowledge no great matter might be donne. And stille the chief charge comitted unto me as treasurer as many of their honors letters to me directed in that behalfe doth wittnes; wheruppon many assembles of the Comissioners and others wer made at my howse dalye, as the registres of manye of their meetinges and agrementes of the busynes can declare. And thus now may you see how and by whose comaudem^t my travaylles, trobles and charges in this busynes was contynewed and encreased stille unto this daye.

Thes foresaid matters beinge well considered, and callinge to yo^r remembraunce the great busynes w^{ch} ther uppon followed in the thirde voyage made in the next yeare followinge, w^{ch} was anno 1578, w^{ch} remaineth stille befor your eyes. I trust you will thinke my foaresaid demaundes of xij^{li} for my charges layd out of my purse in this busynes to be verye reasonable.

And never the lesse, bicause you shall know that I do not demanda ytt w^{thout} ground of dutie, I will now answer unto your doubttes and make prooffe wth a good conscience, as followithe :—

Ffor my ridinge chardges I have sett downe cxx^{li} for these iij yeres, w^{ch} is xli^{li} by yere, in w^{ch} tyme I have travyled to the courte in the countrie, and in progresse not so fewe as c dayes yerlye, for collection of mony and comissions for busynes, sometyme wth one man, sometym wth twayne, wth my horses and companye that hath drawne to me about this busynes, hath cost me some tymes xx^s, sometymes xv^s, and when least xiiij^s iij^d a daye.

For my ridinge chardges to Darteford, I have set downe lx^{li} in the tyme of viij monthes, yt is well knowne I was there everye weke sometymes iij dayes, sometymes iij dayes, and most comenly ij dayes wth iij horses, sometymes iij or vj by the workemen carried wth me for the buydinges where I was lodged in a comyn yn as I am stille when I go thether and all my folke also, when they be there by cause. C. Furbusher hathe nowe taken uppe the lodginge that is at the worke houses, leste I and my men w^{ch} have charge of the thinges there, should lye neare unto or chardges to loke to the salfe garde of the thinges there, w^{ch} hath cost me wth the workemen, resortinge to me dalye about bussynes xl^s adaye xxx^s, and never under xx^s everye daye that I tarried there.

Ffor my boat hire to the Court at Grenew^{ch} and to the shippes and other places about this busynes, for these iij yeres, I have sett downe xx^{li}. The number of jorneyes I cannot remember, they were so many;

but well I do remember that everye journey to Grenew^{ch} dide cost me and my men, and his meate theare gevinge attendance everye daye vs, and when least iij^s liij^d, and manye dayes makinge two journeyes thether in one daye.

No. 4.
table dyat
of the co-
myssioners,
etc.

Ffor the table diatt of the comyssoners, auditores, captaynes, shippe masters, and other daly metinge and resortinge to my howse, about the busynes in these iij yeares, I have sett downe the somme of cl^{li}, w^{ch} is after l^{li}, by the yere, one wth another. What resort hathe byn there at daly about this busynes, the men themselves can wittnes makinge my howse as their howse, and my table as their table, and what yt hath cost me above myne ordenarie, I do knowe and ffeale, and those that have experience of howshold chardges in thes dayes, also can consider; but sure I knowe that, yf I were allowed iij^{cl} for thes iij yere yt would not recompense my charges therof.

No. 5.
Interesses
paid for
mony for the
venturara.

Ffor the interesses of mony taken upp from tyme to tyme to furnishe this busynes and dispatche of the shippes on their voyages in dewe tyme for lacke of the venturares mony, I have set downe but ccl^{li}, w^{ch} parchaunce somme of you maye thinke to be verye muche, not havinge byn acquainted befor wth my deallinges in the busynes, nor havinge considered by myne accomptes what great somes of mony I have disbursed and paid for the Companye from tyme to tyme for the furniture of the voyages above all y^t w^{ch} I receaved for them; yet I praye you thinke of my doinge thus faborably, as the rest of my doinges dothe geve you cause, that I will not willingly charge the accomptes wth any more somme then that I thinke may stand wth equitye and good conscience. Trewe it is, that I have a great somme of mony for myne owne stoke and venture in the seconde and third voiages, w^{ch} would have stoped a great hole in the paymentes of those ij voyages, wherby you maye suspecte that I needed not to have taken uppe so muche mony for the sarvice of the rest of the venturares; but verrie trewe is this also, that it were to hard dealinge wth me to make my mony stope the gape for other mens dutyes, and make me styлле bare theyr burden; and reason would that yf anye of all the venturares be favorably borne wthall for the payment of this monye, I should have the most favor of all others therein, consideringe my charge and my care and travell for all; but for playne proffe of my uppright dealinge in this matter, yt shall appeare unto you by wytnes of the brokers by whose handes I have taken uppe the mony from tyme to tyme for the sarvice and furniture of this busynes, that the interesse w^{ch} I have paid for mony taken uppe, therfor wthin these iii yeres hath cost me of my purse the somme of vcl^{li}, besydes cl^{li} more w^{ch} I payed for the surans of vcl^{li} w^{ch} remayned in the seconde voyage, at I cannot telle whose venture, but at the least lighted upon myne owne venture and coste, w^{ch} is togeathers vj^{cl} of reddie monye paid out of my owne purse, w^{ch} is not charged in any of myne accomptes,

but only now in thend of myne accomptes I have sett downe ij^{li} for the companyes parte of that v^{li} of interest paid the other rest being iij^{li}. I do bare and paye of myne owne purse, w^{ch} I thinke may suffice for the interest of myne owne stoke yf it were not paid to thaccompte so sone as you would have it, but so sone as reason required that it should be.

All these foresaid sommes of mony sett downe do amount to the somme of vj^{li}. of redye mony w^{ch} I have paid out of my purse by extraordinarye charges in the sarvice donne for the busynes of the company, wherof I trust you do now see good cause to be owt of dowbte of my dutye therof, and so to allowe me the same.

Also I have sett downe at thende of myne accompt the somme of vj^{li}. of mony, w^{ch} I demaund of the ordinarie charges and travayle of my selfe, my sarvantes and howshold to followe this busynes and takinge charge of thaccompts and howse rome of the goodes in these iij yeares, w^{ch} is after the rate of cc^{li} by yeare, wherin I trust I shall not neade to saye muche, consideringe that all of you be men of good reason, and can consider what belongeth to the mayntenance of suche a famely as I have.

And somme of you by yo^r owne experience have founde, and all of you have seene, what a chargable travayle and great troble bothe I and all my hows hold have had in the executione and followinge of this busynes in thes iij yeares, and also all of you do know that wheras I was well placed in the busynes of the Companye of Moskovia, w^{ch} I did execute quietlye, and for the doinges therof I had of them a pention of cc markes by yeare, bysides my howse rent ffree and other thinges well worthe to me cc^{li} by yeare; I have forsaken and geven over that office and assured trade of quiet lyvinge purposly to follow this bussines of the companye wth better effecte, according to my good wille and mynde desirous to sarve them to the best of my skille and power, w^{ch} I trust shall not be evill bestowed on them nor evell recompensed towards me, havinge now torned all my goodes into the stones at Darteforde, and left to my selfe a howse full of children, w^{ch} maye bagge their bread yf the stones at Dartford be but stones.

Thus, I trust I have satisfied you consernynge my dutie of the vj^{li} sett downe for monye paid owte of my purse for the extraordinarye charges in matters of the Companyes busynes, and also conserninge the other vj^{li} for the ordinarie mayntenance of my selfe and famely during this tyme that I have sarved the companye and followed their busynes accordinge to the office and charge comitted and comaunded unto me from tyme to tyme by the letters and comissiones of her Maties most honorable privye councill and accordinge to the agreements and directiones sett downe by the comissioners in writtinge remayninge by me w^{ch} I have faithfully and dutifullv from tyme to tyme to the best of my skille and p t justly

No. 6.
M. Loks
owne
charges for
his travayll
ij yeares.

The
awtoritie
and co-
maunde-
ment given
to M. Lok
to follow
this busy-
nes.

C. Furbusher paid and allowed him vñijñ.

The objection for the Q. Maties monye.

C. Furbushers rage against M. Lok.

M. Loks great stoke and venture in these voyages.

to allowe unto me, and maye as lawfullye so doo by yo^r owne discretions wthout expectinge any further auctoritie as you and other commissioners by their owne discretions have all redye paid and allowed unto C. Furbusher more then vijñijñ for his sarvice not so well bestowed as myne.

But yo^r maye object against me that when I had recovered the Quenes Maties monye dewe towards the freight of the shippes and wages of men come home, I might have paid it owt unto them. To this I aunswer that in dede I might have so done and so I did the moste parte of it, but in all that tyme that I was in the courte suter for hir Maties monye and for others of the venturars wth was more then 3 wekes tyme continewally, C. Furbusher was at Darteford sollicitinge the workemen their to make some good proffe of their worke wth thinge beinge so greatlye longed for at the courte as wthout that ther was no money to be had amongst the venturars, and havinge so evell successe at Darteforde as could not be worse then was reported, the matter grew to so great discredit, as I could not perceave any hope where to receive any more mony amonge the venturares to performe this busynes, and here wthall my debt beinge great for mony taken for the Company for the furniture of this busynes and my venture knowne to be so great therin as all that I had was worth, my credit decayed wth the discredit of these workes, so as I could not prolonge my debte any longer tyme, but was forced to paye the somme wth suche mony as I hade left me, wth was dewe to me by the Company. And heruppon all matters growinge to miserie throughe scarcitie of mony because the rest of the venturares would not paye their dewtyes. And C. Furbusher lackinge now the mony he was wont to have still at my handes for the askinge, and I havinge no mony now for him to paye his men, he entred into great stormes and rages wth me lyke a made best, and raysed on me suche shamefull reportes and false sclauders as the whole court and cittie was full thereof, wth did me great hurt, and did muche more hurte to the state of the companyes busynes, wth is not yet recovered, but wilbe shortlye, at wth tyme his false talles wilbe returned upon his owne heade, but in the mean tyme his slaundersous reportes have byn made agaynst me wth suche vement wordes of affirmation to be trewe, that through their sound of unmatter for the venturares profite and vantage, they are yt credited to be trew amongst them in the court, and so will remayne styll untyll you do scertifye them of the truth of my doinges uppon yo^r audite made of myne accomptes.

Moreover you doo see that uppon my good hoape and desier of the good successe of this busynes I have put in stoke and venture in the same all the goodes that I have in the world wthout exceptione, and for the accomplishinge of the same to the companyes desire, I have gaged all that I have and have pressed my selfe and my frindes wth all

credite that I could make, and have spent all my tyme and oppressed my selfe wth continuall labour and troble therein, wherby maye appeare that thear hathe not byn any lacke of good wille nor dewtie on my parte, for the good successe of this busynes, wherfore yf any evell successe should happen in this busynes of the ewre at Darteford, w^{ch} I trust shall not yet is not that any way to be imputed to me, whose innocentie therin my goodes bestowed and ventured therin shall witnes and my writtings delivered to her Ma^{ties} honorable privie counsell of my dewtifull sarvis donne in that behalfe shall declare, but yf any suche mischief should happen, w^{ch} God forbed, the same wer rather to be imputed and layed on Martine Furbusher, who therin hathe comytted great abuses agaynst the companye, as in a paper of artickells therof shall appeare in dewe tyme, and uppon Jonas and Denham who be the chiefe workemen thereof. And on them the same were to be ponished sharplye as men who have byne the fynders and bringers of that ewer w^{ch} is brought, and causers of the cost bestowed for the fetchinge and workinge of the same, but I trust no suche cause shalbe geven.

And now I praye you waye upprightly my former doinges and consider wth equitie my present state, and give not eare to the false reportes and sclanderous clamores latly rased and sprede against me by Martine Furbusher w^{thout} any foundation of trewth, but defend my cause as my innocentie deserveth. And certifye her Ma^{ties} honorable privie counsell planly the effecte of my doinges in this sarvice and busynes, as you do fynd it by myne accomptes, that their honors maye be satisfied of me. And that I maye satisfie the worlde by the tryall of my doinges w^{ch} I will justifie. And yf you thus do, you shall do justice, and I shall give thanks. And yf you thinke otherwise of the premises, I referre me to that w^{ch} shall stand wth reason and equitie.

The 18 of Ffebruarie 1578.

And nowe to conclude this my aunswer unto you, I must saye that you have delt verrie hardly with me in that you have suffered myne accomptes to lye dead and not touched ever syns the xvij of Januarie last untill yesterdaye, by w^{ch} meanes muche suspicion and clamor is growen agaynst me withowt just cause. Albeit you maye saye in trewthe that in this tyme the chief commissioners have byn so occupied abowt the busynes of Duke Cesimirus, and the awditors abowt their busynes in the tearme tyme that you cowld not assemble togethers, yet when some of you did assemble, ones to make aunswer to the busynes of Captayn Ffenton in the west cuntrye and agayne to make inventorie and prayement of the shippes to be sould, some thing more then is donne myght have byn donne in myne accomptes, yf the awditors would or could have come to you, in whose absence you would do nothing in myne accomptes.

Also I

do donne me great wrong in writting

M. Lok not
glide in the
busynes at
Darteforde.

Request of
M. Lok to
certifye the
truthe of
his doinges.

The co-
mmissioners
hard deal-
inge wth
M. Lok.

The commissioners would not heare the answers of M. Lok.

yesterday unto her Ma^{ties} honorable privie counsell yo^r aunswer upon the conclusion of myne accomptes without having had anny maner of consideracion of my demaundes sett downe in my book of accomptes delivered to you for my great chardges paid and sustayned for the doing of the companyes busynes in these iij yeres voiages, and chieflye in that I having made this present book of myne aunswer upon yo^r awdit of myne accomptes and making some of yo^u acquaynted therewithall privatlye bifoare, and yesterday laying it open byfoare yo^u to consyder, yo^u would not vouchesafe to here it readde, which justyce requyrethe to be donne, alledging that the tyme was spent and yo^u cowld not tell when to mete agayn any more. And tharfore (in post haste) yo^u would make aunswer uppon myne accomptes and referre my demandes to their honors.

Mr. Auditor Neale controlethe not thacountes.

And wheras Mr. Awditor Neale of privat affection hath set down in the letter of yo^r aunswer that myne accomptes are without controlement, suerly he dothe me great wrong therein for myne accomptes are controlled by billes and quyttaunces w^{ch} I have showed and delivered to the awditors in presens of yo^u the comissioners and of Captayn Furbisher, in whose presentts they have byn examyned with my bookes of accomptes¹ for the proffe of all the emptions of the goodes and the payementes of monney sett down therein w^{ch} said bills and bookes have byn now iij monthes in custodie of Mr. Neale, Mr. Furbisher dayly comyng to his howse as hys famylar frynd, who in all this tyme might have controlled the same, and would have donne it, yf they cowld have found anny matter. And yet never the lesse yf all these awdytinge and reawdytinge be not sufficient to justifie my trewe dealinges in myne accomptes I will take no vantage therbye, but let them be awdited and controlled agayn by some others, and I will abyde the uttermost tryall of anny man that can controll anny part of my doinges in myne accomptes. And for all the payementes therein contayned I will bring before them the partyes themselves of whom the goodes were bought and to whome the monny was paid (yf they be lyving) or ells a sufficient testimoniall from them by othe or wytnesses by notarie.

M. Lok disbursed ijml for the Companye.

And whereas by the examynacion of myne accompts yt dothe playnly appeare that I did paye and disburse of myne owne for the companyes busynes, the somme of ij^m poundes of monney at dyvers tymes for yers and monthes of tyme w^{ch} is repaid me but wthin these ij or iij mounthes last past, you the comissioners and awditors have not made anny manner mention in this yo^r last letter unto her Ma^{ties} honorable counsell of that good torne donne by me for the companye w^{ch} equitye requiereth yo^u should have donne.

And thus it may appeare that yo^u have a thorne in yo^r owne foote w^{ch} dothe somewhat prick yo^u w^{ch} now yo^u would pull owt and put into

¹ Misc. Exchequer, Qu. Rev., vols. 60, 61.

myne who am not able to cure it so well as yo^rselves, but I praye yo^r put Do as you
yo^rselfe into my place and then do to me as yo^rselves would be donne to. would be
And so shall God prosper us all. done to.

[*Colonial*, 131. *Dom. Eliz.*, cxxix, No. 44.]

FEB. 18, 1578. FROM MICHELL LOCKE CERTEFIETHE THE
AUDITORS AND COMMISSIONERS PROCEEDINGE WTH HIM
ABOUT HIS LAST ACCOMPTE.

Right honorable,—Hereinclosed I send to yo^r honor the letter of the report of the Commyssyoners and Audyto^rs uppon their last awdyte of myne accounttes, wherein they have delt very hardly wth me bothe in wordes and in deedes, but I trust I shall fynd their honors of her Ma^{ties} councell bothe reasonable and good unto me, according to my trew delynges in thaccounttes and payfull sarvyce in their busynes. Wherof to the end their honors may be better informed I send to yo^r honor herewthall a large declaration in wrytyng w^{ch} I directed unto the commyssyoners, purposinge therby to gyve them knowledge therof to their satisfaction, but for lak of tyme convenient they have not read ytt, for ttheir meetynges hath byn so selldome and the busynes in thaccounttes hath byn so tedious unto them to paruse that they waxed wearye before their tyme and so have knytt up the end in hast as yo^r honor may see and would not read myne answer but referred it to their honors. Yo^r honor was my fyrst and chief frynd at myne entrans into this troublesom and chargeable busynes, and I would be right sorye that any of my doinges should move you to repent, and I trust there is no suche cause. Wherfore, I besече yo^r honor to stand styll good unto me, and to gyve me styll yo^r favor and good countenans, and to thinke of me as of a trew man, for so wyll I trye my self in all my doinges, and wyll abyde the uttermost tryall of any man that can controll any part of my doinges in myne accounttes. This booke of myne answer uppon this awdyte of myne accounttes may seeme to yo^r honor tedious to reade, wherfore ytt may please yo^r honor that one of yo^r men may read ytt and report unto you the effect therof and afterwarde that yt may be used for the information of my Lords of her Ma^{ties} Councell, as my cause shall requyre. And I wyll not be furder tedious unto yo^r honor at this tyme, but onely agayne I crave yo^r favour towards my trewth. And I commytt yo^r honor to Almightye God. From London the 18th of Februarie 1578.

Yo^r honors most bounden,

Michael Lok.

To the right honorable Sr Francys Walsingham, knight,
her Ma^{ties} chyef Secretarie.

Colonial, 103. *Dom. Eliz.*, cxxvi, No. 33.

THE HUMBLE SUTE OF THOMAS BONHAM.

Ffirste the said Bonham finished a shippe called the *Thomas of Ippiswiche*, beinge of the berthen of viii^{xx} or thear aboutes, and victualed the same, and furnished hir with all thinges necessarye to the somme of above iij*li*.

Item, the said shippe was so beaten by weather in hire viadge as *cli*. will not suffice to repayer hir, besides continuall charges of victualles for y^e mariners sinste hir comminge home.

Item, the pilate being apoynted by the companie of adventurers, and by Mr. Ffurbusher, so as I ame not to be charged withe hir retorne without ffreight, the same being happined onely by the ffaulte of theim.

My humble sute therfore is, y^t by yo^r honorable good meanes some spedie order may be taken y^t thextreame charges I have bene at for not paymint of enie ffreight maybe presently releved withe the satisfaction of siche somes of monye as yo^r honor, withe y^e reste of hir Majesties moste honorable counsell, shall thinke mete and requisite for the sayd shipes ffreighte.

Indorsed. Thomas Bonhams sute. Towchying allowance to be yealded him for Furbishers viage.

Colonial, 135. *Domestic Eliz.*, cxxx, No. 21.

MARCH 28, 1579. FROM SIR THOMAS GRESHAM AND OTHER TOUCHYNGE Y^r ORDER THEY HAVE TAKEN FOR THE PAYMENT OF THE MARINERS.

Ytt may lyke yo^r good LL. to understand that we haue received yo^r LL. letter of the 26 Marche, wherby yo^r LL. plesure is, that we shall appoint iiij men for the sale of the other ships and other thinges remaynyng, for the payment of the men not yett paid. Accordinglie, we haue appointed men therto, who shall see the same executed as spedelie as may be, but that beinge done, is but a verie small matter to pay that w^{ch} is owinge to the men that are unpaid, and the ffreightts of the shyps owinge. Wherfore yt may please yo^r LL. to gyve order, that suche of the venturars as have not yett paid their partes towards the said freights and wagys may pay the same forthwth, for that otherwyse wee see not other present remedye for the same. The names of the venturars w^{ch} have not yett paid their full part is in a wrytinge hereinclosed, to whome ytt may please yo^r LL. to gyv suche straight order, as that they may pay their partes owinge, as the other venturars have done, or ells to be secluded from all benefyte that may grow to them by their former

ventures made, and other ventures hereafter to be made, and to lose all that we^{ch} alreadye they have disbursed.

Also yt may lyke yo^r LL. to understand that this daye we have had conferens wth one John Barton, gentleman, who semethe to have experiens of myneral workes, who hathe offered to make a proffe of the ewr at Dartford, at his owne charges in the great workes at Dartford, and theruppon will procede in the work of all the ewr there, to have for his industrie, vpon the valew of the ewr after this rate; to saye, for everie ton yeldinge the valew of xx ponds money clere above all charges, he to have ten shillings for his paynes and industrie, and yeldinge the valew of xxx ponds the ton clere of all charges, he to have xx shillings; and yeldinge the valew of xl ponds the [ton] to have xxx shillings for his industrie; and he to work ytt at his charges, and wyll work xve tons by yere, to whom (yf yo^r LL. lyke of ytt) we have consented he shall make prooffe ymediatelic after Ester, wherof yt may plesse yo^r LL. to advertyse us yo^r plesures, for that we doo staye the man in towne uppon yo^r LL. answers to be had.

And for the procedinge of the great workes at Dartford by Jonas, we thynk ytt very requysytt to procede in the same, and therto is needfull of dyttamentts to be provyded for them, and other necessarie charges at Dartford for the working of the same, we^{ch} in all would ask the suum of v^c pondes untill the workes wyll mayntaine ytt self for the reste, for the we^{ch} money we have nott any means heere, for that the former cessementts wyll not suffyce for the freights and wagys of men yet unpaid, neyther doo we know how to provyde the same but by a new cessementt uppon all the venturars, and the charge and accountt therof to be commytted to a severall man.

Thus humbly we take our leave of yo^r LL., and commytt the same to the tuition of Almightye God. From London the xxviiij Marche, 1579.

At yo^r LL. commandements,

Thomas Gresh'in.	Lionell Duckett.
John Dee.	Martin Frobisher.
Thomas Allen.	Edwarde Fenton.
Xopfer Hoddesdonn.	Gylbert Yorke.
Michael Lok.	Mathew Fyeld.

To the Right Honorable our very goods Lordes
the LL. of Her Maties Honorable Privie
Councill.

[Colonial, 138. Domestic Eliz., cxxx, No. 42.]

THE VENTURARS WTH HIM NOTE PAYDE AT THE 25 APRILL 1579.

	<i>li. s. d.</i>
The Lord High Tresorer	065 00 00
The Lorde High Admerall	065 00 00
The Erle of Sussex	065 00 00
The Earle of Warwicke	065 00 00
The Earle of Lecester	011 03 04
The Lorde Hondeston	085 00 00
Sr Francs Knowles, Tresore	032 10 00
The Earle of Oxforde	450 00 00
The Earle of Penbroke	172 10 00
The Countesse of Warwick	057 10 00
The Countesse of Penbroke	028 15 00
The Lady Ann Talbott	010 00 00
Sr W ^m . Winter	040 00 00
Sr Johane Broquete	077 10 00
Mr. Phallapp Sydney	067 10 00
Mr. Edward Dyer	067 10 00
Mr. Willm Pelhame	135 00 00
Mr. Thomas Randolphe	085 00 00
Johne Somers	067 10 00
Symonde Boyere	028 15 00
Antony Jenkenson	057 10 00
Jeffry Turvill	007 00 00
Richerd Bolande	027 10 00
Mathewe Kenersley	028 15 00
Robarte Kinersley	057 10 00
William Burde	020 00 00
Thomas Owene	012 15 00
Christopher Androwes	005 00 00
Robart Martine	005 00 00
Marten Furbysher	270 00 00
Sum of all	2167 03 04

Thes whos names be under wrytten be suche as adventured in the second viage, and not in the thirde, except the Countesse of Sussex, who was no venturer in the second vyage, and Sr Lionell Duckett who hathe adventured the moytie in the third viage accordinge to the some adventurid by _____ in the second viage the w^{ch} moste be referred unto the consideratione of your Honors.

The Countess of Sussex	135 00 00
The Lady Ann Talbote	062 10 00
Sr Lyonell Duckett	067 10 00
Sr William Winter	500 00 00
Willm Burde	250 00 00
Christopher Andrwes	062 10 00
Robart Martyne	062 10 00

There is also owinge by Mighell Locke for the foote of his accompte 1217*li*. 19*s*. 04*d*., the consideracion whereof moste be in like case referrid to the determynatione of your Honors.

There is also a reare acompt of Mr. Locks for dyvers marchandizes and victuales, etc., retornid in the shipps, and by him sould unawdited.

Even so in leke case the whole and full acompt of Mr. Furbysher as yete to awdite to bothe w^{ch} acompts I cann saye nothinge untell the same be fynyshed and by the comysioners throughly seane.

Indorsed.—A note of the accompt towchyng the northwest viage.

[*Colonial*, 140. *Domestic Eliz.*, cxxx. No. 47.]

After o^r hartie commendations, whereas for want of the paiement of suche somes as are due by sundrie the adventurers to the northwest in the late voiage made by Mr. Frobisher, not onely manie that served in the saide voiage be yet unpaide and undischarged, but also the ewre brought home remainethe untried and so unprofitable Her Ma^{tie} hath caused an order to be sette downe by my LL for the aunswearinge of the saide sommes whereunto her pleasure is that so manie as be behinde hand in their paiements, and intend by continewinge in the societie of this companie to reape the benefitte that may happely growe thereof, shall subscribe their names in the testimonie that they will see the sommes due by them paide to such person, and w^{thin} such time as is expressed in the saide order. And to that ende we are willed to sende to you, as we do by this bearer the same order to be by you subscribed in case you meane to continue an adventurer, otherwise purposinge to venture no more, to require you to subscribe to one other bill w^{ch} this bearer also hathe to exhibite to you, thereby testifyinge yo^r refusall to be for the presente anie longer an adventurer of this companie. By a note w^{ch} this bearer hath under the hands of the Commissioners appointed to regarde the accounts of this Companie, you may see what is behinde to be by you paide, w^{ch} if you shall like to see paide accordinge to the order, then are you by a note of yo^r hand to signifie the day of yo^r subscription to the order, that accordingly the sommes w^{ch} you are to pay may be looked for and received here by the Threasurer of the Coupanie. And so we bid you hartely farewell from the courte the of Aprill, 1579.

Yo^r lovinge frende.

[*Colonial*, 109. *State Papers. Dom. Eliz.*, cxxx. No. 16.]

THE VENTURARS W^{ch} HAVE NOT PAID TO M. LOK, BUT MUST
PAIE TO M^r ALLEN.

	Wages second voiage.	Buyd- ings Dartford.	Third voiage outwards.	Freight retorue.
	1577.			1578.
The Lord Highe Treasurer -	li	li	li	li 118
The Lord Highe Admirall -	li	li	li	li 118
The Erle of Sussex -	li	li	li	li 118
The Erle of Warwick -	li	li	li	li 118
The Erle of Leycester -	li	li	li	li 11 3 4
The Lord of Hunsdon -	li	li 10	li 17 10	li 57 10 0
Sr Frauncs Knowlls -	li	li	li	li 57 10 0
The Erle of Oxford -	li	li	li	li 450
The Erle of Penbrook -	li	li	li	li 172 10 0
The Countesse of Penbroke -	li	li	li	li 28 15 0
The Countesse of Sussex -	li	li 10	li 67 10	li 57 10 0
The Countesse of Warwick -	li	li	li	li 57 10 0
The Ladie Anne Talbot -	li 5	li 5	li	li
Sr Henrye Wallope -	li	li	li	li 57 10
Sr Thoms Gresham -	li	li	li	li 230
Sr Leonell Ducket -	li	li 5	li 33 15	li 28 15
Sr Will ^m Wynter -	li	li 40	li	li
Sr John Brocket -	li 10	li 10	li	li 57 10
Mr Phillip Sidney -	li 10	li	li	li 57 10
Edward Dier -	li	li 5	li 33 15	li 28 15
Will ^m Pelham -	li	li 10	li 67 10	li 57 10
Thomas Randolph -	li	li	li 27 10	li 57 10
John Somers -	li 10	li	li	li 57 10 0
Symon Bowyer -	li	li	li	li 28 15 0
Anthony Jenkynson -	li	li	li	li 57 10 0
Jeffrey Turvile -	li	li	li	li 37
Will ^m Paynter -	li	li	li	li 57 10 0
Richard Bowland -	li	li	li	li 57 10 0
Mathew Kyndersley -	li	li	li	li 28 15 0
Robert Kyndersley -	li	li	li	li 57 10 0
M ^{rs} Anne Frauncs Kyndersley	li	li	li	li 86 5 0
Will ^m Burd Mercer -	li	li 20	li	li
Will ^m Ormeshawe -	li	li	li	li 28 15 0
Thoms Allen -	li	li	li	li 57 10
Richard Young -	li	li	li	li 57 10
Will ^m Bond -	li	li	li	li 115
Thoms Owen -	li	li	li	li 28 15 0

	Wages second voiage.	Buyld- ings Dartford.	Third voiage outwards.	Freight retorne.	
	1577.				1578.
Willm Dowgell -	- li	li	li	li	28 15 0
Anthony Marlor -	- li	li	li	li	28 15 0
Christopher Androwes	- li	li	5 li	li	
Robert Martyn -	- li	li	5 li	li	
Martyn Furbusher -	- li	li	20 li	138	li 115
					<hr/>
		li 35	li 145	li 382 10	li 2855 13 4 not rec ^d
					2923 1 8 received
	38				<hr/>
	145				li 5778 18 0
	382 10				
	2855 13 4				<hr/>
	3418 3 4	Not rec ^d by Mr Lok			
	72	1578			
The Venturars money not paid to Mr Lok but to Mr Allyn.					

[*Colonial*, 124. *Dom. Eliz.*, cxxx, No. 18.]

THE HUMBLE PETITION OF MICHAEL LOK FOR CHARGES
DYSBURSED.

To the right Honorable the Lordes and others of Her Maties moste
Honorable Privie Council.

In most humble dewtye besechethe yo^r Honors, yo^r most humble sup-
pliant Michael Lok, that wheras by the manyfold comandemnts of
yo^r honors, and by the dayly directions of the comyssyoners appointed
for the voiages lately made by Martin Furbusher, yo^r said suppliant for
the space of these iij yeres hathe taken the charge and dewtyfully to his
power hathe followed and seene executed all the busynes therunto ap-
pertaininge, according to the orders to him appointed in that behalf
from tyme to tyme, w^{ch} he hathe to shew to his continewall great paynes
and trouble, and his very great charges and expenses. And of all his
doinges in the premisses he hathe made dew and trew accountt, w^{ch} is
awdyted and certified unto yo^r Honors, in w^{ch} accountt yo^r said humble
suppliant hathe sett downe the sum of xij^oli by hymn expended and
layd out of his owne purse for dyvers particular charges, for the fol-
lowinge of the said busynes in the said tyme of iij yeres, as therin dothe
appeare; w^{ch} said awditors would not allowe unto yo^r said suppliant
uppon his said account sayenge that they had none auctoritie therto,
but doo referre the same to the consideration of yo^r Honors. Now

yo^r Honors said humble suppliant, most humbly besechethe yo^r Honors to have consyderation of the premysses, in respect of his dewtyfull sarvyce done therin, and his trew dealynges in his accountt made, as also for that most trewlye he hathe expended and layd out of his owne purse for the said busynes the said sum of xij^{li} sett downe in thaccountt, and also iij^{li} more not sett downe in thaccountt, as he wyll make dew proffe besydes the great sum beinge ij^{vij}^{li} of money w^{ch} he hathe paid in the said voyages, for his owne stok and venture therin, whiche is all the goodes that he hathe in the world w^{thout} exception; wherby now hym sellf and wyfe and xv children are left in state to beg their bread hensforthe except God turne the stones at Dartford into his bread agayne, and that yo^r Honors be good unto hym in this his humble sute, accordinge to his dewtifull trew meaninge in this his sarvyce done. And yo^r said humble suppliant and his children, accordinge to their bounden dewtye, shall pray to God contynewallye for the encreas of all yo^r Honors estates with all prosperitie.

[*Colonial*, 125. *Dom. Eliz.*, cxxx, No. 19.]

MICHAEL LOK HATHE PAID FOR DYVERS CHARGES FOR THE
APPAYRES OF THE COMPANYE IN THE IJ YERES OF THE
IJ VOYAGES OF MARTIN FURBUSHER, GENT., FOR THE
NORTHWEST PARTS, AS FOLOWTH:—

For my rydyng charges to the Court at Hampton, Wyndsore, Rychemond, and other places in progresse to attend on Her Ma ^{ties} most Honorable Privie Councell, for comyssyons, directions, and money col- lections of the venturars in iij yerres, at xl ^{li} by yere .	cxx ^{li}
For my ryding charges to Dartford, and for the byldings and workes theare, and to other places, daylye, for necessaries in these viij monthes .	lx ^{li}
For my botehyer to the Court at Grenewiche to attende on the Councell for the comyssyons, and money col- lections of the venturars, and to the ships, and other places li .	xx ^{li}
For the table dyatt of the comyssyoners, awdytors, captaynes, and others of these voyages, at my howse often and daylye in these iij yerres, at li ^{li} by yere li .	cl ^{li}
For interestes of money taken up from tyme to tyme to furnishe thes iij voyages and dyspache of the ships in dew tyme, for lak of the venturars money li	ccl ^{li}
	S ^m mm vj li

For the ordinary chages and travayll of my sellfe and my sarvants and howshold to follow this busynes and take charge of thaccountts, and howserome of the goodes in these iij yeres voyages at cc^{li} by yere vj^{li}
 S'mm of all xij^{li}

Thus moche money xij^{li}, and more hathe ytt cost me out of my purse, wherof nothings is yett allowed me in accountts. Allow me what reason and equitie requyrethe.

And Michael Lok hathe in stok and venture for hym self and hys chydren w^{ch} he hathe paid ij^mclij^{li} x^s
 And in the name of John Dee iiij^{xx}xvij^{li} x^s

S'mm ij^mcecl^{li}

Besydes the stok and venturre of the Right Honorable the Erle of Oxford, w^{ch} is ij^miiij^{xxx}li
 By me, MICHAEL LOK.

[Colonial, 105. Dom. Eliz. cxxvj, No. 56.]

THE VENTURERS W^{ch} HAVE NOT PAID THEIR PARTES FOR FFRAIGHT AND WAGES THE LAST NOVEMBER, 1578.

Off the Court.			
The Lord High Treasurer . . .	cxv ^{li}	50	} Ffor third voiaq 200 ventureoutwardea.
The Lord High Admirall . . .	cxv ^{li}	50	
The Erle of Sussex . . .	cxv ^{li}	50	
The Erle of Warwick . . .	cxv ^{li}	50	
The Lord Hunsdon . . .	lvij ^{li} x ^s	25	} 50 xxvij ^{li} x ^s
Sr Ffraunces Knowles . . .	lvij ^{li} x ^s	25	
The Erle of Oxford . . .	iiij ^{cl} li	200	} 275
The Erle of Pembroke . . .	clxxij ^{li} x ^s	60	
The Countez of Sussex . . .	lvij ^{li} x ^s	25	
The Countez of Warwick . . .	lvij ^{li} x ^s	25	} 40
The Countez of Penbroke . . .	xxvij ^{li} xv ^s	15	
Sr Henrie Wallope . . .	lvij ^{li} x ^s	25	} 125 xx ^{li} x ^{li} lxxvij ^{li} x ^s xxxvij ^{li} x ^s
Sr John Brocket . . .	lvij ^{li} x ^s	25	
Mr. Philip Sidney . . .	lvij ^{li} x ^s	25	
Mr. William Pelham . . .	lvij ^{li} x ^s	25	
Mr. Thomas Randolphe . . .	lvij ^{li} x ^s	25	

Edward Diar xxviiij ^{li} xv ^s 15	} 40	xxxviiij ^{li} xv ^s
John Somers . . . . .	. lvij ^{li} x ^s 25	
Symon Boyer xxviiij ^{li} xv ^s 15	} 65	clv ^{li}
Martyn Ffurbisher . . . . .	. cxv ^{li} 50	
Anthonye Jenkynson lvij ^{li} x ^s 25	} 115	
Jeffrey Turvile . . . . .	. lvij ^{li} x ^s 25	
William Paynter . . . . .	. lvij ^{li} x ^s 25	
Richard Bowland . . . . .	. lvij ^{li} x ^s 25	
John Dee . . . . .	. xxviiij ^{li} xv ^s 15	

Sum ij^mcxvij^{li} x^s

Off the Cittie.

Sr Thomas Gressham clxxx ^{li} 65	} 90	xxxiiij ^{li} xv ^s
Sr Leonell Ducket . . . . .	. lvij ^{li} x ^s 25	
My Ladye Martyn xxviiij ^{li} xv ^s 15	} 105	
Mathewe Kyndersleye . . . . .	. xxviiij ^{li} xv ^s 15	
Robert Kyndersleye . . . . .	. lvij ^{li} x ^s 15	
Mrs. Anne Fraunces Kyndersley	lxxxv ^{li} v ^s 35		
Mathew Ffield . . . . .	. lvij ^{li} x ^s 25	
Edmund Hogan cxv ^{li} 50	} 115	
William Bond . . . . .	. cxv ^{li} 50	
Thomas Owen xxviiij ^{li} xv ^s 15	} 100	
William Borrowe . . . . .	. lvij ^{li} x ^s 25	
William Ormeshawe . . . . .	. xxviiij ^{li} xv ^s 15	
William Dowgle . . . . .	. xxviiij ^{li} xv ^s 15	
Anthonye Marlo ^r . . . . .	. xxviiij ^{li} xv ^s 15	
William Harrington xxviiij ^{li} xv ^s 15	} 220	
Michael Lok . . . . .	. iiij ^{li} lx ^{li}	

Sum jⁿiiijclxxxvij^{li} x^s

and ij^mcxvj^{li} x^s

Not received freight ij^mv^{li}

outwardes venture vj^cx^{li} x^s

Sum ij^mcxv^{li} x^s not received

Ffor the second voia^g.

————— x^{li} My Ladie Anne Talbot

————— xl^{li} Sr William Wynter

————— xx^{li} William Burde

————— v^{li} Christofer Androwes

————— v^{li} Robert Martyn

Sum vj^cx^{li} x^s

ACCOMPT OF MICHAEL LOK, TREASURER, MADE THE LAST OF
NOVEMBER, 1578, OF MONNEY RECEIVED AND PAID BY
HYM SYNS HIS LAST ACCOMPT, AUDITED IN AUGUST 1578.

Receiptts.

Off the Quens Ma ^{tie} for freight, and wages . . .	mcl ^{li}
Of Therle of Leycester, for freight . . .	clxxj ^{li} x ^s
Of Therle of Oxford, part for freight . . .	vc lxxxv ^{li}
Of Mr. Secretarie Walsingham, for freight . . .	ij ^c xxx ^{li}
Of hym, for venture owtwardes . . .	lxij ^{li} xiiij ^s
Of Mr. Secretarie Wilson, freight . . .	cxij ^{li} x ^s
Of S. Thomas Gresham, venture owtwards . . .	c ^{li}
Of hym, for parte of freight . . .	l ^{li}
Of Thomas Allen, freight . . .	lvij ^{li} x ^s
Of Christopher Hadson, freight . . .	lvij ^{li} x ^s
Of Richard Young, freight . . .	lvij ^{li} x ^s

Sum received, xxv^c iiij^{xx} iij^s

Payments.

To Michael Lok, rest of his accompt . . .	ix ^c lxxxix ^{li}
For the workes at Dartford, above all received . . .	iiij ^c lxxx ^{li}
To the Erle Leycester, ewr from Bristow . . .	clxxij ^{li} x ^s
To the shippe <i>Hoapwell</i> , part of freight . . .	c ^{li}
To the shippe <i>Anne Fraunces</i> , part freight . . .	c ^{li}
To the shippe <i>Tho. Allen</i> , part freight . . .	clxij ^{li} x ^s
To the mynars and men, part of wages . . .	ij ^o l ^{li}
To the shippe <i>Bearc Leycester</i> , freight . . .	ii ^o l ^{li}

Sum paid, xxv^c iiij^{xx} xix^{li}

By me, Michael Lok.

Colonial, 137. *Dom. Eliz.*, cxxvii, No. 10.

AN ORDER SETT DOWNE BY THE QUEENES MA^{TIES} EXPRESSE
COMMANDEMENT, TOUCHING THE SUPPLYING OF SUCH
SUMMES OF MONEY AS ARE DUE BY THE ADVENTURERS IN
THE NORTHWEST VOYAGE, OTHERWISE CALLED META IN-
COGNITA.

The Q. Ma^{tie} being given to understand that diverse of those that
were adventurers in the late viages performed by Martin Ffurbusher,
gent., into the northwest partes (not wth standing sondrie admonitions
given by letters directed unto them from the lords and others of the
navy ~~command~~), that they shold bringe in such summes of money as

were due by them at tymes and daies limited by the said letters, have not brought in the said summes accordingly; wherby diverse mariners continewed a long season undischarged, and the fraught of the moste parte of the shippes employed in that voyage unpayed to th' utter undoing of diverse of the owners of the said shippes, and greatly to her Ma^{ties} dishonor, being an adventurer in the said voyage, and having payed all such summes of money as were due by her. Ffor redresse wherof her Ma^{tie} doth therefore order that all such adventurers as have not yet payed in such summes of money as are by them due, shall wth in ten dayes after notice given to them of this her Ma^{ties} pleasure bring in and deliver into the hands of Thomas Allen, appoynted to be the treasurer for this purpose, the moytie of such summes as are by them yet due, and th' other moytie wth in a moneth after, w^{ch} if they shall not observe that than they shall not only be forthwth excluded out of the company, but also loose the benefit of such summes of money as they have already putt in, being a matter agreeable wth lawe and justice for not observing the rules of societie. And for that it may be knownen out of hand who meane to continewe the said adventure by making payment of such sommes as are by them due accordingly, as is above mentioned, and who shall refuse: yt is by her highnes thought meete, and so ordered that such as meane to continew the same shold subscribe there names to this order, as thereby binding themselves to the payment of the summes by them due, as above is expressed. And that such as shall refuse to subscribe the same therby to bind themselves to the payement, but meaning to adventure no more money in the said voyage shalbe hereafter utterly excluded in suche sorte as is above specified. And to thintent that no man shall pretend ignoraunce what he ought to paye at this present, the bearer herof hath a scedule conteyning the names of all such as have adventured wth the summes by them payed, and what summes are remayning due to be payd, subscribed by such commissioners as have had authorysie to have regard thereto.

Also, The L. Treasurer.

The L. Admirall.

The L. Chamberlain.

The E. of Warwycke.

The E. of Leycester.

The L. of Hunsdon.

Mr. Thresorer

Secret. Walsingham.

Mr. Secret. Wylson.

[*Colonial*, 141. *Dom. Eliz.*, cxxvi, No. 36.]

THE NAMES OF THEM THAT BE LEFTE OWTE OF THIS LAST BILL
AND THOSE THAT BE SETT LESSE IN THIS LAST BYLL THEN
IN THE OTHER THESE NAMES FFOLLOINGE.

	£	s.	d.
Thomas Randolphe	10	0	0
Jeffraye Turvell	20	0	0
Jhon Dice	28	15	0
Sr Lyonell Duckett	28	15	0
My Ladye Martyn	28	15	0
Mathew Ffelde	57	0	0
Edmond Huggan	115	0	0
Wylliam Burroo	57	0	0
Wylliam Harryngton	28	15	0
Mychell Locke	480	0	0
	<hr/>		
	836 ^{li}	0 ^s	0 ^d

[*Lansdowne*, xxx, No. 4, fol. 12. *Colonial*, 153.]

THE OFFER OF MICHAEL LOK FOR THE NORTHWEST EWR AT
DARTFORD.

He requirethe to have lycense for iij yeares to serche for myneralls by the patent made to William Humfrey or by the mynes Royall. And libertye to work them at his pleasure at his owne charges, gyving therfore v of the c, of the clere gayne that shall grow therbye.

To have the use of the workhouses at Dartford for iij yeres, and libertye to work the northwest ewr that is there at his pleasure, at his owne charges.

To have a man assigned to be of his counsell, and take account under hym in all that shalbe done. And all the clere gaynes that shall grow by this workes, he is content shalbe gyven to the payment of the debttts owing by the companye, for the northwest voiages of Captaine Furbusher.

That he may have recompenses of the Royal Majestie for his land bought and recovered from hym, the which recompens he is content shalbe employed in these workes, to be repaid hym in account of the workes, withall his owne travayll and industrie.

That he have a protection of her Majestie for iij yeres, and a quietus est of his accountes, and a clere discharge for all his bondes, and all the debtes of the companye of the voiages of Captain Furbusher.

That may have comyssion to collect the goodes of the companye that lye scattered, and to recover the debtes owing to the companye, and set downe what is owinge to them and to take account of the state of the companye.

And after that he hath paid and sattysfied the creditors of the companye for the debttes owing to them, he shall have freele the lease of the workhouses at Dartford, with all the companyes interest therein.

A letter to be wrytten from my Lords of the Counsell unto the Comyssioners, to examyne all the workmen for the addytaments used with the northwest ewr, in the small sayes made in Meta Incognita, which shewed clene gold.

Comyssioners.

Sir William Wyntar.
Sir William Pelham.
Mr. Thomas Randolphe.
Mr. Dyar.
Mr. Dee.
Mr. Yonge.
Mr. Hogan.
Mr. Lok.
Mr. Palmar.

Workmen.

John Baptista Aguello.
Jonas Shutz.
Robert Denam.
William Humfrey.
Humfrey Cole.
D. Burcot is deade.

[*Lansdowne MS.*, xxx, No. 4, fol. 10. *Colonial*, 152.]

THE OFFER OF MICHAEL LOK.

All the northwest ewr brought home by Captayne Furbusher is esteemed xij^{co} tons.

For the which ewr Michael Lok shall paye vi^l the ton, which amountethe vj^{ml} of money.

The first payment to begyn at the end of one yere, and then to pay every monthe c^l of money untill the vj^{ml} be payd.

To have better suerty than by self, And for suretye of this payment he shall fyrst receive 1 ton of ewr uppon his owne bond, and afterward shall gyve suretye for the ewr as he recevethe yt.

The vallew of the lesse to be knowne. And he shall have the whole lease of the mylles and workhowsses at Dartford, and benefyt therof in suche state as the same is taken of the Quenes farmar, and as the same now ys.

He shall have freele all the implements and furnytur for the workes now beinge at Dartford, and all the myneralls and mettals that are there being wroughte.

The except- yng all other former graunts. He shall have lycens for terme of the said lease to serche and myne for ewrs and myneralls in all groundes which are not already opened and myned, and therout dygged the quantyte of fyve ton of ewr within

all the Quenes Majesties domynyons, except the priviledges of the stannerie of Cornwall for their tynne ewrs, and the same ewrs and myneralls to take and carye away and use at his pleasure, compoundyng with the ownars for the brekyng of their ground. made by her Majesty or by any her progenitors.

And, nevertheles, this Lycens shall not restrayne any other man to serche and dygge also for any ewrs and myneralls in any other place not beinge within fyve myles of the place that shalbe dygged and followed by vertew of this Lycens.

He shalbe clerely dyscharged and kept harmeles, quyet of all maner debtes and demandes of all men, for all the busynes of the Companye done before this day.

The Quenes Majestie shall have libertie to take agayne into her handes this grant and contract at the end of vij yeres, payenge and recompenayng the charges done and damage to be sustayned thereby by the arbitrement of vj indyfferent parsons.

Lansdowne MS., xxx, No. 4, fol. 11.

Or ells yf the forsaid offer be not lyked, then Michael Lok shall cause to be wrought all the said northwest ewr, for the account and use of the companye of venturars.

And shall make yt worthe v^4 the ton at the least, and better yf yt wilbe clere of almaner charges from hens forthe to be done.

And the company of venturars shall gyve hym the awthoritie to governe, command, and direct all the workes.

And shall pay hym x^2 a day for his owne charges and travayll, out of the sayd valew of the ewr. And shall provyde a stok of money $iiij^e$ £, to buye and provyde addytaments and to begyn the workes. And shall appointe a man to be of counsell of his doinges and to kepe the money and to take thaccounts daylye of all that passethe. The Company hath lost over much money

And he shalbe clerely dyscharged and kept quyet of all maner debttis and demandes of all men, for all the busynes of the companye done before this day.

And after that all this northwest ewr is wrought as aforesaid, Michael Lok shall have the state and right of the said lease of the sayd mylles and workhowsses at Dartford for the rest of the yeres therein then to come.

And also the Lycence to serche and myne and work all ewrs and myneralls as aforesaid, duringe the rest of the yeres of that lease for his owne account and use, payeng to the Quenes Majestie fyve shillinges money for every tonne of ewr that shalbe dygged and melted by vertew therof.

Colonial, 104. Dom. Eliz., cxxvi, No. 47.

18 NOVEMBRIS, 1578. AN OFFER THEN MADE AT MOSKOYV HOUSE BY JONAS SUTE BEFORE M^r FEILD, M^r LOCK, AND ANDREW PALMER.

A tonne of ewer	vij ^{li}
vj ^e of copper requisite from Keswicke	xx ^s
Of lead, i ^{ewt}	x ^s
Of lead ewer, vi ^{ewt}	xxiiij ^s
Wood for roste, di (2 ^{ewt}) m ^t ? (500)	v ^s
Coles for meltinge	xx ^s
Ffees and wages a tonne	xx ^s
Ffor extraordinary charges	xvj ^s

Sum, xiiij^{li} xv^s

Hereof Jonas will deliver gold and silver nett to the valewe of xxiiij^{li} xv^s

Indorsed. Mr. Palmers note touchynge Jonas offer abowt Furbishers ewre. 18th Nov., 1578.

Colonial, 103. Dom. Eliz., cxxvi, No. 34.

ALL THE STOK OF THE VENTURERS IN ALL THE IJ VOYAGES.

Sum of all the stok of all the venturars.	All the } venturars. }	wherof { Michael Lok and his children.
For the first voyage, anno 1576	£875	£100
For the second voyage, anno 1577	£4275	£1075
For wagys at retorne therof	£1030	£225
For byldinges at Dartford	£1105	£260
For the third voyage, anno 1578	£6952 10s.	£1755
For fraight & wagys at retorne therof, £3347 10s.		£845
Sum	£17585	£4270
For the second rate of fraight	£2575	£650
Sum all	£20160	£4920

And note that of the forsaid summe of £4270 of his venture, the Erle of Oxford became partner wth him for £2000 in suche order and maner as hym selfe was and is venturar.

And over and besydes the said summe of £4920 of his venture Michael Lok dyd pay of his owne purse for the furnytur of the first voyage £700, whiche was restored to him in account of the second voyage.

And he dyd also paye of his owne purse, for the furnytur of second voyage, £400, whiche is now lately repaid hym in accountt.

And he did also pay of his owne purse, for furnytur of the third voyage and byldyng at Dartford, £700, whiche is nowe lately repaid hym in accountt.

And, more over, he hathe taken great paynes and travayll, and byn att very great charges and expenses in doinge the companies busynes in all these iij voyages, and hathe not yet charged anye of his accounttes withe one peny for the same, knowinge that the venturars wyll con- syder of it withe reason.

And now, Michael Lok havinge done all the premysses in sarvyce of her Ma^{tie} and the venturars, he is openlie sclandered by Captaine Furbusher thus to be:—

A false accountant to the companye.

A cossener of my L. of Oxford.

No venturer at all in the voiages.

A bankerot knave.

Wherfore most humblye he besechethe yo^r Lordships to direct yo^r letters unto the commyssioners of the busynes and the awdito^r of his accounttes to certyfy yo^r Lordships what he hathe done in the premysses.

[*Colonial 122. Dom. Eliz., cxxx, No. 17.*]

THE ABUSES OF CAPTAYN FURBUSHER AGAYNST THE COMPANYE.

AN^o 1578.

In the first voyage he brought home by chaunce a stoane of riche ewre, and being examyned by Sr William Wynter, Mr Randall, Mr Hogan, and the rest of the Comissioners, what quantitie was to be had, he said that in that countrie was inoughe therof to lade all the Quenes shippes, and promised to lade the shippes of the seconde voiage ther wthall, wheruppon the seconde voiage was prepared, and comysion geven him to bringe of the same. And Jonas, Denham, and Grigorie, were sent with him for the same; but he performed nothinge at all, & brought not so muche as one stoane therof; for ther was none to lade, as Jonas and the rest do witnes, but laded the ships wth other mynes founde by chaunse.

No. 1.
The ewr
promysed
was not
brought.

In the seconde voyag he returned the shippes laden wth stoanes of strainge ewr found by chaunce there, sainge they were of gold myne worth iiii^{xx} poundes a tonne, w^{ch} is not yet so founde; and also he brought some stoanes of redde ewre and yellow ewer of Jonas mount, veye riche of gold, as D. Burcot witnessed, and the stoanes are yett to be seen. And promised to the comissioneres that ther was mountaynes therof, and he would lade all the shippes therwthal in the thirde voiage,

No. 2.
The ewr
promised
was not
brought.

wherupon the thirde voiage was prepared wth so great chardg; but he brought home not one steane therof afterwards that is yet found.

No. 5.
Superfluous
ships
and charge.

In the thirde voiage he promised to lade all the shippes wth the ewre of Jonas mount, and other so riche ewre as the best of the second voiage was, and carried owt a number of ships for that purpose, and a c. men to inhabit there under culler of the Frenche mens preparacon to that countrie, and besydes the number appoynted to him by the Comissioners, he carried mor 4 shippes and a c. men more for his owne purpose, wthout the knowledge of the Comissioners, w^{ch} now rest upon the charge of the Companye, and he brought home those ships laden wth none of the ewre that he promised, but wth other strainge ewr, wher he could fynd yt, w^{ch} he said was better then the best that was brought the yere befor, w^{ch} is not yt so found.

He carried
4 ships, and
c. men,
without
comission.

No. 4.
He would
not place
C. Fenton
there.

Also he promised to the Comissioners and had speciall charge by comissione first to plant C. Fenton and the c. men to inhabit in that new land, wherupon the great preparacon was made; but afterwards, before his departure from London, he dislyked that enterpryce, and diswaded the same cullerablie, and when he came there he would not helpe them therin one jote, not so muche as for 50 men wherwithall C. Fenton would have tarried there, he feringe that C. Fentons deede therin woulde dashe his glorye, and because he toke the victualls of that provicion to victuall his owne 4 shippes taken wth him extraordinare, w^{ch} went from hens unvictualled upon his promisse made them to victuall them, as Captayn Fenton and others witnes.

No. 3.
He made no
discourse of
passage.

He promised and had comission to send the two barks this yere to make some discoverie of the passage for Cathai, w^{ch} he might have donne; but when he came at Meta Incognita, he would do nothinge at all therin as Hawll & Jakman wytenes, but made all his endeavour to lade his owne shippes, and the rest home agayne wth ewre.

No. 6.
His owne
men evell
officers in
the shippes.

He hathe byn still verrie costlye and prodigall in the furniture of the shippes and men for the voyage, and his owne men beinge shipped for officers of the shippes have made verie great spoile, wast, and pilfrye of the goods in the shippes, for the w^{ch} he must give account.

No. 7.
He mayntain
D. Burcott's
doings.

He did praetyse to advaunce D. Burcott into the place of Jonas, & mayntan Burcotts false proffes made of the ewre, to thend he might be sett on agayn in this third voyage, as the Comissioneres and Denham canne witnes.

No. 8.
He vittualled
the ships
evell.

He was sent to Bristowe to dispatche the ships, the *Ayde* on the thirde voyage, wherin he was made victualler of the shippe, for the whiche service he had money before hand, but he dide so evell vittell the same, as wheras the Companye allowed him to vittell her wth fleshe 4 daye in the weke, he sarved the men therof only 3 dayes, and 2 dayes in the weke, and the rest of the weke wth evill fishe, and that wth scarsetie wherbye manye of them died, as the men do reporte.

He was sent into the west cuntry to provide the 120 myners for the voiage, for whose furniture he received money of the Companie by fore hande, for their wags *li*240, and for their weapons *li*120, but therof he paid these men uppon their wags, to some *xx*^s, to some *xiii*^s *iiii*^d, and to some nothinge the man, as the accounts declare. And what weapones they had, or he for them, as yet is unknoune. But in the west cuntry is spreade a great clamor that those mynares beinge prest by comissioners many of them were afterwards chaunged by favour for showmakeres, taylores, and other artificers, no workemen, and were furnished to see at the charge of the townes and villages in maner of a subseyde as it is reported openlye.

No. 9.
He dealt
doble in
the myners
provision.

He toke the shipe the *Sallomon* of Weymoth, in the west cuntry, wthout knowledge of the comissioners, by force of Her Ma^{ties} generall comission to him geven, and therby caused the owner, Hew Randall, to furnishe her, and to be with him in this sarvice of the thirde voyage, promisinge hime victualls and other great matters, w^{ch} he performed not, as Hewe Randall dothe saye.

No. 10.
He toke the
shippe
Sallomon by
comission.

He led all the shippes this yere to a wronge place of Meta Incognita, throughe his obstinate ignorance, wherby they were all in great danger to perrishe, as Hawll, Davis, and the rest of the shippes masters will witnes.

No. 11.
He led the
flete of
ships to
wrog
place.

He, beinge at Meta Incognita, did refuse conference and counsell of all others, and said his instructiones, geven by her Ma^{ties} Honourable Privie Councill, were but the device of Fenton and Lok, and never reade by the Councill, though their hands were at the same, as Captayn Fenton and the other captaynes, and Hawell do witnes.

No. 12.
He denied
the Coun-
cells co-
mission.

And when the shippes were moored salf in harbor in the countey of Warwick's Sounde, where they should lade, and from whence they should have departed orderlye, he beinge at Beares Sound, comaunded all the shippes (wthout anney advice or discretion) to come thether to take him and his men in, w^{ch} place beinge no harbor, but wilde see, a storme of weather happened w^{ch} put all the shippes to see to save them selves, wth losse of all their boates and pynnesses, and other spoile, leavinge him there behind them in the barke *Gabriell*. And so they came home in suche disorder as is openlye knowne.

No. 13.
He caused
the great
disorder of
the ships
retorne
home.

He is so arrogant in his governement, as Hawle, Jakman, Davis, nor the other of the masters wille no more take charge of ships under him, and so imperious in his doinges as some of the Comissioners are werie of his company, and manney of the venturares mynded to medle no more wth him.

No. 14.
His arro-
gancie.

He drew his dagger and furioslye ranne uppon Jonas, beinge in his worke at Tower hill, and threatned to kill him yf he did not finishe his worke owt of hand, that he might be sett owt againe on the thirde voiage, wheruppon Jonas did conseave so cavell nature in him, that he

No. 15.
He drew
his dagar
on Jonas.

made a sollempe vowe he would never go to see any more wth him; web hath byn no small damage to the Company in the ewre brought home the thirde voyage.

No. 16.
He drew
his dagear
on C.
Fenton.

He drew his dager on Captayne Fenton at Darteford, uppon a quarrelous humor, and wolde haue mischefed him uppon the sodayne, yf Mr. Pelham and others had not bine present.

No. 17.
Litle
trewthe in
his talke.

He is so full of lyinge talke as no man maye credit anye thinge that he doth speake, and so impudent of his tonge as his best frindes are most sclanndered of him when he cannot have his wille.

No. 18.
He sclan-
dered M.
Lok, to the
great dom-
age of the
Companye.

He hath raysed lately such sclannderous reportes against Mr. Lok, and geven suche vehement false informaciones of iii^m li, and other greate somes of money to remayne in his hands dew to the Company, to paye the shippes freights and mens wages, as hath well lyked some of the venturares, which hoaped therby to be forborne of the payment of their owne parts of money dewe for that purpose, wherby littell money cane yett be had of them of the li3,400 dewe by them to dyscharg that dutye whiche hath caused the Company to spend mli of monye in vayne, for chardgs of the shippes and men synes they came home, and by that meanes for lake of payment of their dewtye, a sclannderous rumoor is spreade over all the realme, to the great discredite of the Company.

No. 19.
He paid
wages to
men againt
comand-
ment.

He did paye wages to the men of the shipe *Thomas* of Ipswiche for v monthes, wheras the Comissioners did agree and comandd to paye them but for iiij monthes.

No. 20.
He brought
men into
wags without
order.

He hath brought into wages of the Companye so many men, and suche men as he lyste, and many of them at suche wages as he lyste, wthout regard of their sarvyce or deserts wherof he is to geve accountt for that many of them are dead, and gone awaye.

No. 21.
The men in
the *Ayde*
make great
spoyle.

He hath plased styll in the shippe *Ayde*, now in the Tames, a number of men at the Companyes charges, wherof many are suche disordered men, bothe of their tonges and of their hands, as are the cause of moche sclander to the Company, and great spoyle done in their shippes, and yt have but small dutye of wages owinge to them, when their accounts shalbe examined particulerlie.

No. 22.
He hath
not distri-
buted the
cli to the
men.

He receaved cli of mony by Her Mat^{ties} order, at retorne of the seconde voiage, as of Her Mat^{ties} gyfte and reward to be distrybuted amonge the marineres and other men web sarved in that voyage, but no distribution is made therof as yett, as the men doo complayne.

No. 23.

To conclude, yf his doinges in thes iij voyages be well looked into, parchanse he wilbe found the most unprofitable sarvante of all that have sarved the Companye therin.

THE SCLANDEROUS CLAMORS OF CAPTAINE FURBUSER AGAINST
MICHAEL LOK. 1578.

He hathe made false accountts to the Companye, and hathe cossened them of $iii^m li$ of money.

He hathe cossened my Lord of Oxford of $m li$.

He hathe not one grote of venture in these voiaiges.

He is a bankerot knave.

THE ANSWERS OF MICHAEL LOK.

All these forsaid clamors are proved to be false sclanders, aswell by the new awdyte made of M. Loks accountts as also by the open knowledge had of all his doinges certified to Her Maties Honorable Privie Councell.

And now, yf any evell successe should happen in the work of the ewr now layd at Dartford, w^{ch} I trust shall not happen, yet wear not that to be imputed anye wayes unto M. Lok, whose innocentie therein is proved by his great goodes beinge $ij^m vi li$ of money bestowed and ventured therin, and by the testimonie of the Comysioners certifieng the first proffe of the work made in the second voiage, but rather yf any such myschyef should happen, w^{ch} God forbyd, the same wear to be layed on Captaine Furbusher, whose great abuses therin are before declared, and on Jonas and Denam, being the workmen therof, as men who have byn the fyndars and bringars of that ewr w^{ch} is brought, and causars of the cost bestowed for the fetchinge and workinge of the same, and on them the same weare to be punished sharplie, but I trust no suche cause shalbe gyven.

1578.

THE ABUSES OF CAPTAYNE FURBUSER AGAINST THE
COMPANIE.



A DESCRIPTIVE CATALOGUE
OF
RELICS
OF
FROBISHER'S EXPEDITIONS
TO
THE ARCTIC REGIONS IN THE YEARS 1576-7-8,
DISCOVERED BY
MR. CHARLES F. HALL, OF CINCINNATI, U.S.A.,
WHILE ON AN
EXPEDITION IN SEARCH OF TRACES OF SIR JOHN FRANKLIN AND HIS
SHIPS' COMPANIES IN THE YEARS 1860-1-2, AND BY HIM TRANSMITTED
TO THE BRITISH PEOPLE
THROUGH THE ROYAL GEOGRAPHICAL SOCIETY OF LONDON.

DESCRIPTIVE CATALOGUE
OF
FROBISHER RELICS.

NOTE. *The references by letters following descriptions in this Catalogue are to the accompanying map of Kod-lu-narn.*

A.

Note. The relics under A obtained Sept. 22nd and 25th, 1861, July 15th and 16th, 1862. My companions, Esquimaux. They are from the ruins of a small house near the centre of the Island Kod-lu narn.* (Vide B, small map of Kod-lu-narn.) Said house was of lime and stone. The foundation and walls, and also floor being laid in lime cement, are still in a good state of preservation.

On returning home in the fall of 1862, I saw for the first time in my life Hakluyt's work. Read on page 634, edition of 1689, as follows—
“But before we took shipping we builded a little house in the Countess of Warwick's Island,” etc. (Thomas Ellis, author.)

Also read, p. 91, vol. 3, ed. 1598-1600, “this day (30th August, 1578) the masons finished a house which Captain Fenton caused to be made of *lyme and stone* upon the Countess of Warwicks Island,” etc. (George Best, author.)

A 1. Round box containing several stones cemented together with lime.

A 2. Stone and lime cement.

A 3. Ditto.

A 4. Ditto.

A 5. Ditto.

A 6. Two stones, lime cement (one of these with moss upon its edge).

A 7. Two stones, and lime cement.

A 8. Ditto.

A 9. Stone, and lime cement, moss upon its upper surface.

A 10. Small round box containing lime cement—flint stones and fragments of tile.

A 11. Same as A 10.

A 12. Lime cement and burnt flint stones.

A 13. Stone, and lime cement.

A 14. Four small stones, and lime cement.

* Kodlunarn is the Countess of Warrick Yland of the map.

- A 15. Stone, and lime cement.
- A 16. Ditto.
- A 17. Lime cement, partly reduced to powder-flint.
- A 18. Lime cement, mostly reduced to powder.
- A 19. Lime cement, burnt flint stones, oxide of iron, fragment red stone.
- A 20. Lime cement and small stone.
- A 21. Three pieces lime cement.
- A 22. Lime cement with small stone.
- A 23. Three pieces lime cement.
- A 24. Powdered lime cement with burnt flint stones.
- A 25. Stone, and lime cement.
- A 26. Thick moss with lime cement at its base, stem of dwarf willow in the moss.
- A 27. Sod and dwarf willow (in large box by itself), from over the foundation wall of house of lime and stone.

B.

- B 1. Semisphere of iron, found under east embankment (G) of ship's trench (A A). *The exact spot where I found this at F.*
- B 2. Sand that was fast cemented to bottom of B 1 by oxide of iron.

C.

- C 1. Stone covered with black moss of ages found on one of the embankments (G G) of the ship's trench (A A).
- C 2. Same as C 1.
- C 3. Ditto.
- C 4. Ditto.
- C 5. Three stones from ship's embankments (G G).
- C 6. Two stones from ship's embankments (G G).
- C 7. Same as C 5.
- C 8. Twelve stones from reservoir embankments (C).
- C 9. Small stone with white moss, from reservoir embankments (C).
- C 10. Small stone with black moss of ages, from ship's embankments (G G).
- C 11. Four stones from ship's embankments (G G).
- C 12. Small stone with black moss of ages, from ship's embankments (G G).
- C 13. Two stones with black moss of ages, from ship's embankments (G G).
- C 14. Two stones; one, quartz, has upon it a spot of black moss of ages.
- C 15. Stone with black moss of ages, from reservoir embankments (C).
- C 16. Stone with black moss of ages, from reservoir embankments (C).
- C 17. Three stones from ship's embankments (G G).

o 18. Two stones from ship's embankments (g g).

c 19. Stone from ship's embankments (g g).

D.

D 1. Long box—wood, dug out of base of ship's trench (A A).

D 2. Same as D 1.

D 3. Same as D 1.

D 4. Sand and wood dug out of base of ship's trench (A A).

NOTE. Frobisher left the timber of his intended fort on the "Countess of Warwick's Island." Vide *Hakluyt*, p. 91, vol. 3, edition of 1600.*

E.

NOTE. The history of *Frobisher's Second Voyage as written by George Best*, in referring to the natives (Esquimaux) building their "poor caves and houses which serve them for their winter dwellings," says, "From the ground upwards they build with whales' bones, for lack of timber, which, bending over one another, are handsomely compacted in the top together, and are covered over with seal skins, which, instead of tiles, fence them from the rain," etc. *Pinkerton*, vol. 12, p. 522. Is not this reference indirect proof that Frobisher had "tiles" as covering for the house or "fort" which he took out with him in 1578?

See "Notes framed by M. Richard Hakluyt, of the Middle Temple, Esquire, given to certain gentlemen that went out with M. Frobisher in his north-west discoverie," wherein the word "tile" or "tyle" occurs several times. *Hakluyt*, p. 636, edition 1589.

E 1. Fragments of tile; some dug from under ship's embankments (g g) and trench (A A), the rest picked up on same side of the island. Two or three pieces of oxide of iron.

E 2. Fragments of tile, charcoal, sea-coal, flint stones, oxide of iron, picked up on the island of Kod-lu-narn.

E 3. Fragments of tile, few pieces of charcoal, and oxide of iron. Some of the tile dug up at ship's embankments (g g), remainder picked up on the island.

E 4. Fragments of tile, few pieces of sea-coal, oxide of iron, slag, coke, flint stones, small bone covered with moss, small stones. All picked up on the island.

E 5. Fragments of tile, flint stones, coke, sea-coal, charcoal. Some of the tile dug up at ship's embankments (g g).

E 6. Fragments of tile, charcoal, small roots, dug up from the ruins of blacksmith's shop. (?) (d)

E 7. Fragments of tile, oxide of iron, sea-coal, picked up on the island (Kod-lu-narn).

E 8. Fragments of tile dug up from ruins of blacksmith's shop. (?) (d)

* See page 272.

- E 9. Three fragments glazed tile dug from under ship's embankments (G G).
 E 10. Two fragments same as E 9.
 E 11. Nine fragments same as E 9.
 E 12. Four fragments same as E 9.
 E 13. Two fragments tile and gravel stone united by moss.
 E 14. Two fragments tile with moss of ages upon them.
 E 15. Fragment tile and stone united by moss of ages.
 E 16. Same as E 15.
 E 17. Three fragments tile (two with glazing).
 E 18. Fragment of tile with moss.
 E 19. Fragment of tile.
 E 20. Fragment tile and stone united by moss.
 E 21. Fragment of tile found embedded in the coal deposit, etc., on Ek-ke-lu-zhun.*
 E 22. Fragments tile, sea-coal, flint stone, oxide of iron. All these covered with the moss of ages. From that portion of Kod-lu-narn between ship's trench (A A) and reservoir (C).
 E 23. Ten fragments tile (nine glazed).
 NOTE. Nos. 13 to 20 inclusive, from vicinity of ship's trench (A A).

F.

- F 1. Oxide of iron. Some pieces found in the centre as the nucleus, the scales lying around. Found on the ground, most of it near the head of the ship's trench (A A). Some at "Best's Bulwark" (E).
 F 2. Large piece of coke, small piece of charcoal in one of the protuberances. Found on Kod-lu-narn.
 F 3. Coke dug from under ship's embankments (G G).
 F 4. Oxide of iron and gravel, found on the ground south-east side of island at H.

G.

- G 1. Lime stone found in Kod-lu-narn.

II.

- H 1. Sea-coal, coke, fragments of tile, oxide of iron, lime stone, small piece of bone with moss upon it. All as picked up on Kod-lu-narn.

I.

- I 1. Burnt stones, charcoal, fragments of tile, dug up from beneath ruins of blacksmith's shop. (?) (d)
 I 2. Sod, with charcoal, from ruins of blacksmith's shop. (?) (d)
 I 3. Fragments of tile, charcoal and earth from ruins of blacksmith's shop. (?) (d)

* Ek-ke-lu-zhun is a bay on the east side of Countess of Warwick's Sound

J.

NOTE. In box marked J, velvet lined.

- J 1. Fragment of tile and four gravel stones united by moss of ages.
- J 2. Fragment of pottery found near "Best's Bulwark" (E).
- J 3. Small piece of cord, apparently of hair, found deeply embedded in the coal deposit of Ek-ke-lu-zhun.
- J 4. Four fragments glass, apparently of a jar or bottle, found on the ground near ship's trench—the exact spot marked I.
- J 5. Piece oxide of iron with moss of ages upon it, found near ship's trench (A A).
- J 6. Piece of wood dug up from base of ship's trench (A A).
- J 7. Sea-coal, with moss of ages upon it, found near "Best's Bulwark" (E).
- J 8. Piece of pottery found near "Best's Bulwark" (E).
- J 9. Fragment white pottery, (?) black glazing outside and inside, found near "Best's Bulwark" (E).
- J 10. Choice specimen of tile, covered with moss of ages, from Kod-lu-narn.
- J 11. Sea-coal, covered with moss of ages, from coal deposit at Ek-ke-lu-zhun.
- J 12. Stone, covered with moss of ages, from top of ship's embankments (G G).
- J 13. Flint stone, covered with moss of ages, found near the head of ship's trench (A A).
- J 14. Fragment of tile, glazed, apparently portion of human figure represented upon it: leg and foot *in relief*. Largest piece of tile found. Dug up from beneath one of the ship's embankments (G G).
- J 15. Stone with lime cement from ruins stone house (B).
- J 16. Probably one of the ears or knob-handles of an earthen jar. From near "Best's Bulwark" (E).*
- J 17. Flint stone, with moss of ages upon it.
- J 18. Chip found deeply embedded in coal deposit on Ek-ke-lu-zhun.
- J 19. Burnt flint stone with lime cement, from ruins stone house (B).
- J 20. Charcoal of coarse grained wood, apparently of thrifty growth, found under stones and sods by the ruins of blacksmith's shop. (?) (d) The grain of this charcoal indicates it to be from the same kind of wood as that found at the base of ship's trench (A A). Vide Box D 1.

K.

- K 1. (In keg). Sea-coal, flint stones, wood chips, the latter found deeply embedded in the coal. All in this keg precisely as gathered from coal deposit Ek-ke-lu-zhun.
- K 2. Sod of moss with sea-coal.

* See page 148.

- к 3. Sea coal overgrown with moss of ages.
 - к 4. Four pieces coal covered with moss of ages.
 - к 5. Three pieces coal and one of coke with moss of ages.
 - к 6. Coal with moss of ages upon it.
 - к 7. Three pieces coal with moss of ages upon them.
 - к 8. Small pieces of coal enveloped in moss.
 - к 9. Two pieces of coal with moss of ages upon them.
 - к 10. Small pieces enveloped in moss.
 - к 11. Two pieces coal with moss of ages.
 - к 12. Same as к 11.
 - к 13. Three very small pieces coal united by moss.
 - к 14. Fifteen bits of wood excavated from coal deposit.
- NOTE. All the above from Ek-ke-lu-zhun, except coke in к 5, which is from Kod-lu-narn.

L.

- L 1. Two pieces coal from Ek-ke-lu-zhun.
 - L 2. Coal from near "Best's Bulwark," (E) Kod-lu-narn.
 - L 3. Three pieces coal from Ek-ke-lu-zhun.
 - L 4. Same as L 3.
 - L 5. Five pieces coal from Ek-ke-lu-zhun.
- For Ek-ke-lu-zhun, *vide* Chart "Countess of Warwick's Sound."

M.

- M 1. Sod with coal intermixed.
 - M 2. Two sods with coal intermixed.
 - M 3. Moss interlocking and covering coal.
 - M 4. Earth, first layer beneath coal.
 - M 5. Earth, second layer beneath coal.
 - M 6. Earth, third layer beneath coal.
- NOTE. All under M from the island Ni-oun-te-ling.*

N.

- N 1. Flint stones found embedded in coal deposit on Ni-oun-te-ling.
- N 2. Flint stones found embedded in coal deposit on Ek-ke-lu-zhun.
- N 3. Same as N 2.

O.

- O 1. Red stone found on top of the coal deposit on Ni-oun-te-ling.

P.

- P 1. Two pieces iron pyrites from above Countess of Warwick's Sound.
- P 2. Two pieces, apparently mineral (iron), "like to sea-coal," found at Ek-ke-lu-zhun.

* Ni-oun-te-ling is a small island on the east side of the Countess of Warwick's Sound.

Q.

q 1. Walrus rib with heavy moss upon it. Another bone with moss, found on the *Esquimaux Deserted Land* (Frobisher's *North Foreland*).

R.

r 1. Wood model of an anvil made by an old man Esquimaux named An-na-wa, Oct. 15, 1861. I have three other models of like fashioning made by three Esquimaux, one apart from another. These, I am confident, from Esquimaux traditions, are models of a relic of Frobisher's expedition. Some six years ago the Esquimaux cast the anvil of which these are models into the sea from point x of Oo-pung-ne-wing (see Chart of Countess of Warwick's Sound), an island three miles distant from Kod-lu-narn. I have endeavoured to recover it at lowest tides, new and full moon, but the ice has probably carried it away. Only the strongest Esquimaux could lift it.

S.

s 1. (In small square box). Thick sod, grass, moss and coal and flint stones intermixed. Loose coal, flint stones and sand put into the box to fill up. Contents of this box gathered from coal deposited on Ni-oun-te-ling.

Note. About one ton coal at Ni-oun-te-ling.

NOTES.

In relation to sea-coal, Hakluyt, vol. 3rd, ed. 1598-1600, p. 91, has the following:—"And the great cause of this leakage and wasting was for that the great timber and sea-coal, which lay so waightly upon the barrels, brake, bruised and rotted the hoops in sunder."

A truthful description of "Countess of Warwick's Sound."

Nine recognisable physical facts in a few words.

"The 29th July (1577), about five leagues from Bear's Sound, we discovered a bay, which, being fenced on each side with small islands lying off the main, which break the force of the tides and make the place free from any indrafts of ice, did prove a very fit harbour for our ships, where we came to anchor under a small island, which now, together with the sound, is called by the name of that right honorable and virtuous lady, Anne Countess of Warwick. And this is the furtherest place that this year we have entered up within the straights, and is reckoned from the Cape of Queen Elizabeth's Foreland (Cape Resolution of Resolution Island, C. F. H.), which is the entrance of the straights not above thirty leagues." *Pinkerton*, vol. xii, p. 522.*

The Reservoir (?) or Frobisher's "Gold Diggings," vide c, small map of Kod-lu-narn. Read *Hakluyt*, ed. 1589, p. 626.

"In this isle (Countess of Warwick's), our General (Frobisher)

* See page 137.

thought good for this voyage to freight both the ships and barks with such stone or gold mineral as he judged to countervail the charges of his first and this his second navigation to these countries..... It (stone or gold mineral) riseth so abundantly, that, from the beginning of Aug. to the 22nd thereof (every man following the dilligence of our General, we raysed above ground 200 tunne, which we judged a reasonable freight for the ship and two barks, in the sayd Anne Warwick's Isle."

For what I recognise excellent descriptions of Bear's Sound (channel), see *Pinkerton*, vol. xii, pp. 521 and 555, and *Hakluyt*, ed. 1589, p. 635.

Ek-ke-lu-zhun (where a coal deposit is) is about ten miles east of Oo-pung-ne-wing.

Oo-pung-ne-wing and Ni-oun-te-ling are about three miles from Kod-lu-narn (Countess of Warwick's Island).

On the small map of Kod-lu-narn will be noticed ■ (Best's Bulwark). At this point I found considerable oxide of iron, several pieces of pottery and sea-coal.

In *Pinkerton*, vol. xii, p. 527, read the following:—"On Thursday, the 9th Aug. [1577] we began to make a small fort for our defence in the Countess's Island, and entrenched the corner of a cliff, which, on three parts, like a wall of good height, was encompassed and well fenced with the sea, and this was called Best's Bulwark, after the lieutenant's name, who first devised the same. The above description of cliff (ε) is truthful."

C. F. HALL.

New York, Feb. 7, 1863.

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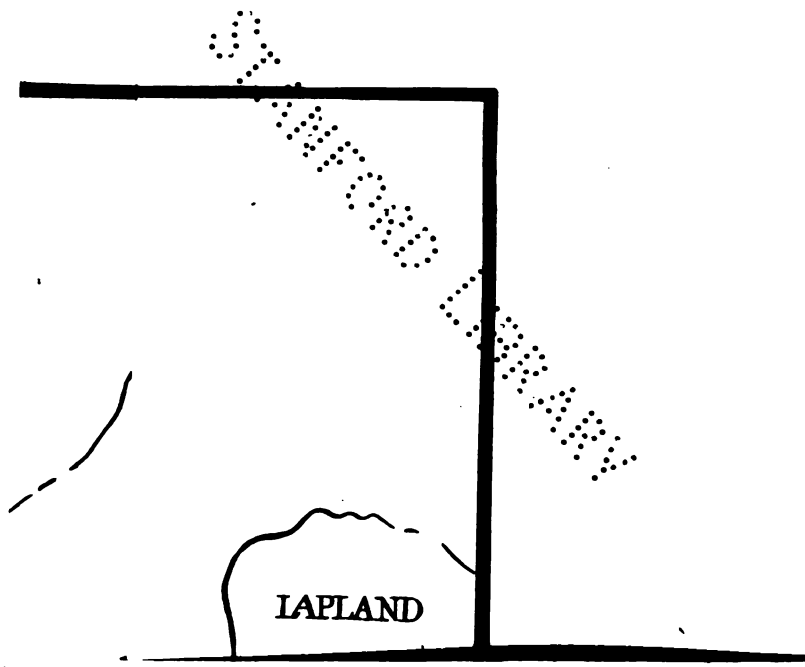
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