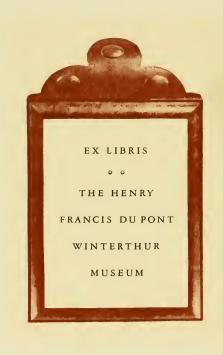


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NEW YORK

GHURCH AND SCHOOL

Furniture

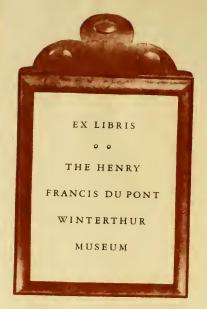
Manufacturing Company,

12

805 Broadway, N. Y.

E. R. BEACH - - - - Secretary.

NEW YORK:





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INTRODUCTORY.

In view of the great want of information necessary for the erection and furnishing of churches throughout the world, this ILLUSTRATED CATALOGUE has been compiled and issued to the public. It has for its mission the general diffusion of instructions necessary for completing church edifices, and introducing a style of Furniture for churches and Sabbath-schools, lecture rooms and halls, which for beauty, durability, and cheapness cannot be surpassed. Our facilities for supplying the same are superior to any other company, and, consequently, our prices are lower. A careful examination of this Catalogue will enable the party making such examination to decide at once upon the particular style of architecture, internal plan, and furniture required for the completion of a church perfect in every appointment, and fully up to the present standard. We are prepared to furnish plans and specifications for churches and schools, and supply architects to superintend the erection of the same if desired.

Twenty-five years ago A. J. Downing said, "The ugliest church architecture in Christendom is at this moment to be found in the country towns and villages of the United States." We are thankful that such a remark, at least so sweeping, cannot be made to-day.

The improvements in the building and adorning of our edifices devoted to Christian worship, which are evident to the most casual observer, and becoming more manifest every year, are due to the efforts of Downing, and others like him, who, through the publication and circulation of architectural and

kindred works, have been instrumental in awakening a growing interest, and bringing out and developing a better and more refined taste in the erection and embellishment of our churches.

As it has become known that it costs no more to build in correct proportion and in good taste than in defiance of these principles, so has the desire become greater and more general to incorporate fitness of design and beauty of expression in the least as well as the greatest of these, the most prominent evidences of the intellectual attainments and moral standing of our communities. In all ages the character of the people has been expressed by their architecture. In their temples and other public buildings they endeavored to embody their religious and political sentiments, and express *their* degree in the scale of civilization.

In the numerous works published in our country, treating more or less upon church architecture, plans, elevations, and often perspective views are given. These illustrations, though they portray many beautiful buildings, and well-arranged plans which can be adapted to a particular site with very little and sometimes no alteration, yet, being drawn to so small a scale that the comprehension of their details is difficult if not impossible to any but an experienced architect, they become merely mediums for the transmission of general ideas, and are not at all adapted to the purposes of building.

To arrange and lay out a building from a small sketch embodying the general ideas is not a very difficult piece of work; but to *erect* the building so that all of its exterior and interior details of construction will, by the beauty of their proportions, and in the expression of the sacred purposes which they embody, together with the feelings of reverence they suggest, aid in forming a fitting and harmonious whole, such as will awaken the devotional feelings and beget an attachment of the heart, requires something more elaborate and definite than a sketch in perspective, or even a preliminary drawing.

Every intelligent person is aware of the fact that, while architectural books improve his taste and develop for him new

ideas, they cannot save him any money when he resolves to build. The individual who builds by the book and declines to consult an architect, soon learns from experience that it requires professional knowledge and training to bring his own or another's ideas to a proper and satisfactory result. With these facts in view we have added the architect and superintendent of buildings to our corps of assistants.

In this department of our business we will endeavor to supply the demand made upon us for practical working drawings and specifications so thoroughly prepared that they may be submitted to builders for estimates of total or partial construction without the fear of those long item bills, denominated "extras," which usually accompany the fulfillment of contracts after incomplete and diminutive drawings. We believe more practical information can be imparted to builders by well executed general and detail drawings in sufficient number than by any other means; and, further, that these should be all completed before estimates are called for, so that a perfectly definite idea can be obtained of the amount and class of the work.

The usual method of furnishing for estimating purposes only the general drawings and descriptive specifications, in which every prominent item of work is "to be as directed by the architect," or "to be as per detail drawings furnished hereafter," is faulty, from the fact that whenever the builder is the least in doubt in regard to the amount, style, or class of the work he invariably *over-estimates* it, and thus increases the total cost of the structure. A noted superintendent of buildings on being asked what he required to complete a building, answered, "Full drawings and specifications." When asked if any thing more was needed, after a moment's pause said, "Yes, *more drawings*."

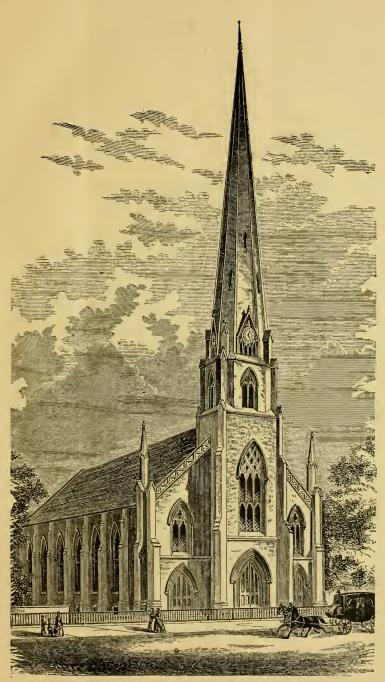
We intend to keep for inspection a number of finished designs, showing churches of different styles and capacities, and adapted to different localities, to which collection will be added such edifices as we may hereafter erect. Our unusual facilities enable us to furnish our patrons at a cost below the average rate now paid for such work, and a visit of inspection

will satisfy them as to our capacity for performing satisfactorily what we propose to accomplish.

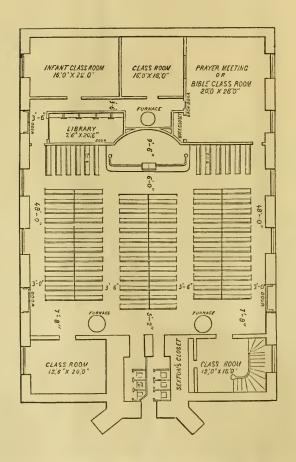
Parties desiring plans will please state size of lot, dimension of building desired, and such other instructions as they may deem advisable.

All communications addressed to the Secretary will be promptly answered by him.

ILLUSTRATED CATALOGUES showing our School Furniture will be sent upon application.

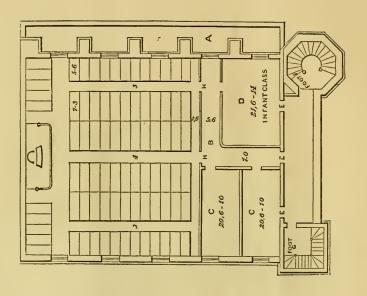


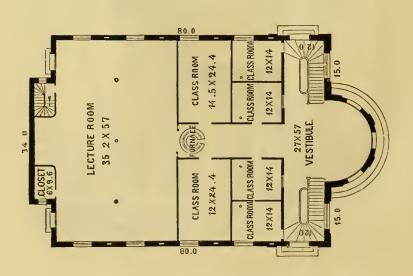
TRINITY METHODIST EPISCOPAL CHURCH, NEW YORK.





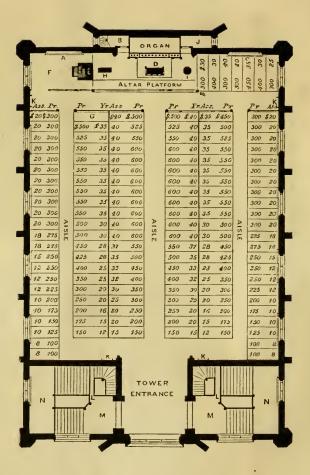
METHODIST EPISCOPAL CHURCH, ADAMS, N. Y.

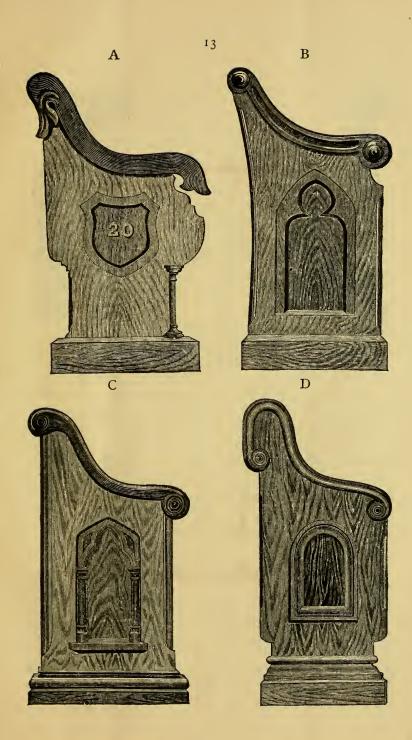


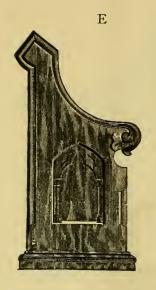




FIRST PLACE METHODIST EPISCOPAL CHURCH, BROOKLYN, N. Y.









PEW-ENDS.

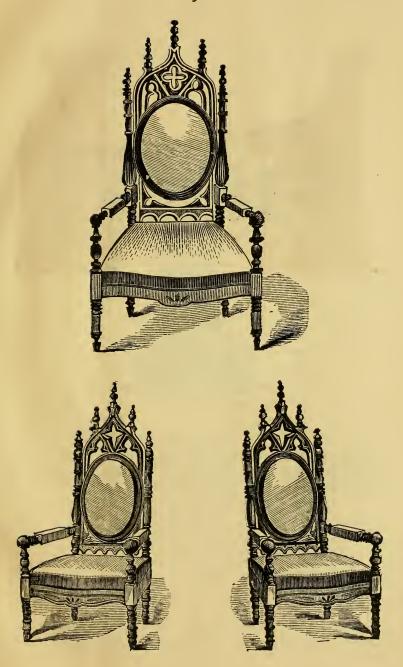
We show a few of the latest styles of Pew Ends. Our variety is large, and we are prepared to suit any taste.

The different styles shown are designated by letters, and are made of either pine, whitewood, ash, oak, cherry, beech, walnut, or of different kinds of wood, plain or trimmed to suit.

We also furnish the pew seats and back of such wood as ordered, and trimmed to compare with Pew End, or upholstered in any style desired. Prices will vary according to quality of material and style of work.

CHAIRS FOR CHANCELS OR ALTARS.

We show the latest styles of chairs by cuts on the next page. We are prepared to furnish any style desired, plain or ornamental, at satisfactory prices.

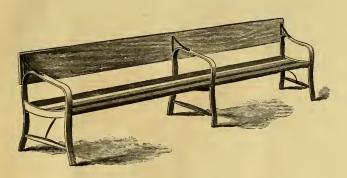




READING DESKS AND PULPITS.

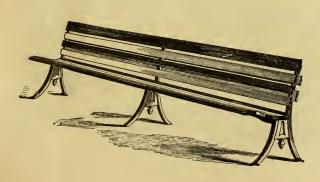
READING DESKS AND PULPITS furnished to order. Made of different kinds of material and designs.

SEATS FOR CHURCHES, SABBATH-SCHOOLS, HALLS, AND LECTURE-ROOMS.



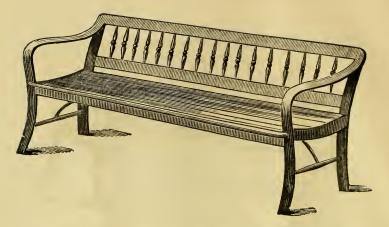
No. 10.

Standard Length, 8 feet.



No. 8.

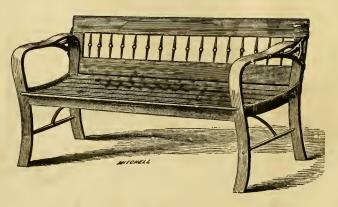
Standard Length, 8 feet. Requires no fastening to the floor. For Sunday-schools or Recitation.



No. 12.—Stationary Back Settee.

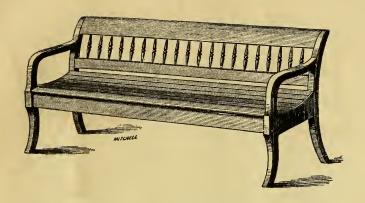
PATENTED MARCH 22, 1870.

Standard Length, 8 feet.



No. 11.
PATENTED MAY 18, 1869.

Standard Length, 8 feet. Reversible Back.



No. 52.—Stationary Settee.

Standard Length, 8 feet.



No. 56.—Iron Standard Hinge Seat.

This is one of the most desirable styles of Recitation Seat. Height of seat 15 inches, made any length desired. Standard length, 8 feet.

REMARKS ON SEATING CHURCH AND SABBATH-SCHOOL ROOMS.

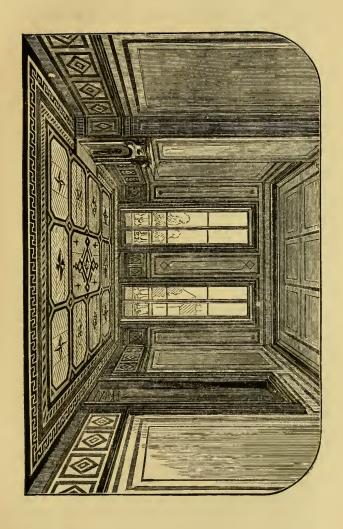
The arrangement and style of seats for Churches and Sabbath-schools is a matter of great importance. Economy of space is the first and most important item to settle upon. Style of seat is next in order.

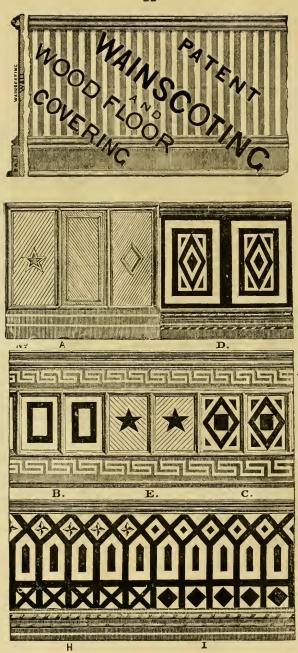
Having been engaged for nearly twenty years past in the manufacture of a large variety of seats for public use, we have had ample opportunity to study every point necessary for ease and comfort, and have adopted such as will give entire satisfaction in this respect. Height of seat from floor, height and inclination and curve of back and pitch of seat, are the main principles involved.

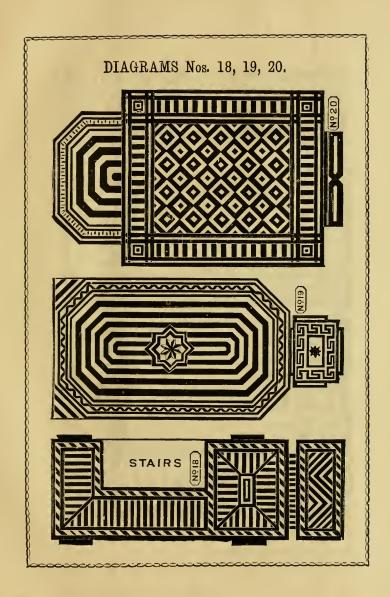
The cuts shown in this catalogue of Pew Ends, Chairs, Settees, etc., are only a few of the great variety we are prepared to furnish. All of our furniture is made by machinery, and for neatness, durability, and cheapness we defy competition.

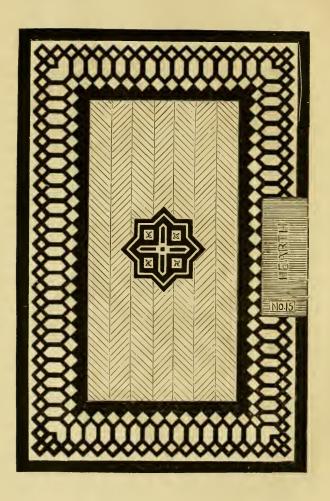
All orders are shipped in what is called "knock down" shape, neatly and securely packed in boxes and crates, so that there is no danger of marring the furniture by handling or transportation.

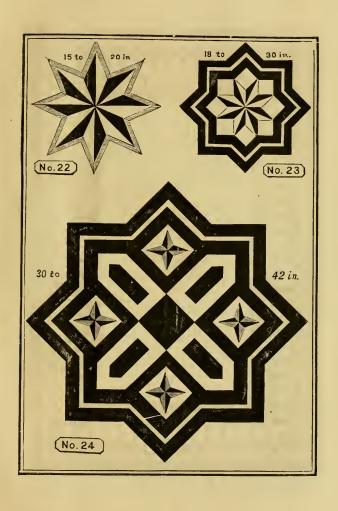
Parties desiring information in regard to seating Churches, Sabbath-schools, Halls, etc., will please be definite in their inquiry, so that the answer may be to the point.

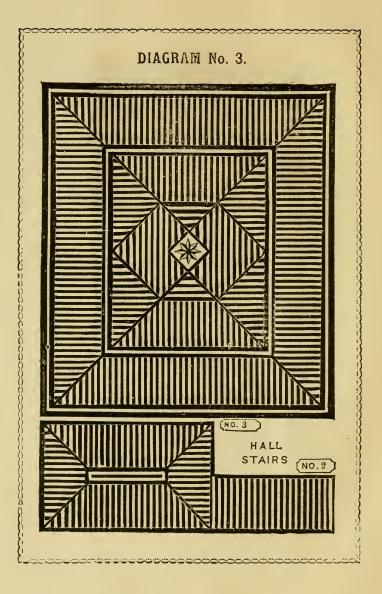




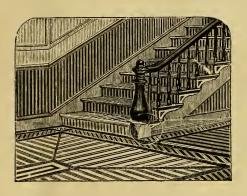








HOW IT IS USED.



In place of an oil-cloth or carpet, we lay it on floors in *plain* or very *elaborate* designs, according to order. We thoroughly secure it in position by the use of small patent nails, which readily draw out in case it is desired to remove it. The cut above gives some idea of its *Stair*, *Wall*, *and Floor use*.

It will last as long on floors as

FIVE OIL-CLOTHS,

OR

TEN BRUSSELS CARPETS,

AND ON THE WALLS

AS LONG AS THE HOUSE STANDS,

and never lose its figure with ordinary attention.

Public Buildings, Lecture Halls, Churches, Hospitals, Sunday-Schools, Seminaries,

WILL FIND OUR

WOOD CARPETING

CHEAPER AND MORE DURABLE than any other covering or wainscoting they can use. No alterations are required in the saddles of doors, etc., as is often the case when a thicker floor is laid.

A very nice effect is made by laying our border around the room, and having the carpet made to fit inside the border, and polished. We make very handsome borders—such as diagram No. 10, 15, and 21—30 inches wide, sufficient to allow the furniture to stand upon the border, so that in removing the carpet the furniture need not be taken out of the room.

It should be borne in mind that in making comparisons with the cost of our flooring with other materials, such as oil-cloth or carpets, that our

WOOD CARPETING

will last as long as five oil-cloths, or ten Brussels carpets; as easily cleaned as the former, and avoid the trouble and expense of the latter in having to be taken up every short period to be shaken. Also, if desired to *move them*, they can be readily taken up; and if not the size of the room desired to be removed to, additional material to match can always be obtained from us to make it fit any sized room. With any other material this is next to impossible.

FOR THE FLOOR OF THE CHURCH OR SCHOOL.

What shall we do with our Sunday-school floor? Shall we leave it bare? shall we paint it? shall we cover it with cocoa matting? or shall we carpet it?

A bare floor has a somewhat cheerless look, and it is well to put something on it to give it that cozy and home-like appearance and feeling which should be a prominent feature in every Sunday-school. The money spent on such embellishment as this is not wasted. It makes our schools more valuable.

Many schools are carpeted with cocoa matting. It looks well when first put down, very shabby after it has been trampled on a few months, and is as thoroughly unwholesome a dust-trap as can be devised. To judge of its effects on the health of those who walk over it, we have only to look at the floor just after the matting is lifted from it, and before the accumulation of dirt is swept away. This dirt, held by the meshes of the matting, has lain there in powder, to rise with every footstep, to float in the air, and to enter the lungs of every one who has breathed the atmosphere which it has defiled.

Cocoa matting is considered less expensive than carpet and more durable. But many people considering ingrain or three-ply carpet more elegant, procure it at the somewhat greater cost. And there are few things which make a room more beautiful and habitable than a newly-laid and well-selected carpet. Were there nothing better, we should plead for the carpeting of every school-room where a carpet can be afforded. There are only two objections to a carpet: it will wear out; it will hold dust, like the cocoa matting, even if not in such great quantity.

There is something better. An ingenious floor covering has been made. It is a recent invention, already extensively introduced, and a great success. It is cleanly, economical, healthful, durable, and elegant. It holds no cloud of dust, for not a particle of dust can get under it.

It is made of strips of walnut and ash, or other woods, accurately sawed and smoothed by machinery to a uniform length of three feet. They are an inch wide and a quarter of an inch thick. These strips having been thoroughly seasoned by being baked in an oven, so that they will remain perfectly straight, are firmly cemented to a piece of heavy twilled cloth, thus making a fabric which can be rolled up like a length of carpet or matting. The fabric thus formed is laid and fitted to the floor, and secured with small nails. A little linseed oil gives a fine polish, and the elegant appearance of an inlaid floor is presented at a very moderate cost. By a little ingenuity in putting it down, it can be laid in all manner of geometrical patterns. The trouble of laying it and of taking it up are about the same as of an ordinary carpet or oil-cloth. The canvas under it makes it sufficiently yielding to the tread to remove the impression that one is walking on a board floor.

VENTILATION.

There is perhaps no subject affecting the life and health of the public that is of greater importance than this, and to which so little attention is paid.

Much has been said and written on the subject of late years, and very many improvements have been adopted and are now being used in very many of our public buildings.

Any information desired upon this subject will be freely given.

HEATING PUBLIC BUILDINGS

Is a matter of vital importance, and one which has engaged the minds of the best and most learned men in seeking out the best plan. Science has done very much in improving the different methods for heating public buildings, and the variety of plans and devices are almost numberless. The various modes for this purpose that have from time to time been adopted were widely different in character, and for the most part very imperfect and unsatisfactory. They each in their turn served their day, and gave place to the next improvement, and so it will be for all time.

We have made arrangements with manufacturers of the best Furnaces, Stoves, and Steam Heaters for the introduction and sale of their different devices, and we will only recommend such as we are satisfied possess special merit in every particular. Prices are the same as charged by the manufacturers.

When making inquiries in reference to Furnaces it is well to mention the sort of fuel you desire to use, as every Furnace does not require the same kind of fuel.

STAINED GLASS.

We are prepared to furnish all styles of

Stained, Anameled, and Ambossed Hlass

FOR CHURCHES, DWELLINGS, ETC.,

Executed by the best artists and most experienced workmen. New and original designs.

Specimens can be seen at our office and sent to all parts of the country. Also

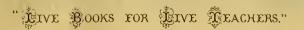
IRON SASH AND VENTILATORS.

BELLS.

We are prepared to furnish any style or make of bell desired at manufacturers' lowest cash prices. Catalogues furnished upon application.

ORGANS AND MELODEONS.

We are prepared to furnish any style or make desired at manufacturers' lowest cash prices. Catalogues furnished upon application.



The Popular Standard Series of the Pennsylvania Schools.

BROOKS'S

NORMAL SERIES OF MATHEMATICS.

BY EDWARD BROOKS, A.M.,

Principal and Professor of Mathematics, Pennsylvania State Normal School, Millersville, Pa.

These works are the result of thorough study, long experience and mature reflection. Their plan and methods were originated, tested and perfected in a large professional training-school for teachers: Each method was finally adopted as the best, when, after a full trial with many methods, it was proven to embody sounder principles of teaching.

The success everywhere attained by teachers trained in them soon attracted attention, and created a demand that they be collected and arranged for general use. To meet this demand the author arranged the ideas and methods thus tested into the complete system presented in

Brooks's Normal Series of Mathematics.

This series, embodying the most approved methods of teaching, has received the entire confidence and approval of intelligent and skillful instructors wherever they have given it a thorough examination and trial.

The great favor and extensive use accorded to this series, and the permanent and increasing demand in the most intelligent school districts, strongly recommend its general adoption.

It is approved by more than sixty county and city superintendents of Pennsylvania, is used in every county, and is recommended by FOUR-FIFTHS of those adopting county uniformity.

Its methods have displaced those of other text-books, and are now adopted in all of the centres of advanced educational opinion.

Thousands of teachers are annually educated and trained from this series. Upward of two hundred principal cities and towns and more than 6000 schools have adopted it in Pennsylvania.

The series has been exclusively selected by many cities, towns and counties of New Jersey, and was recently a second time officially adopted as the best by the State of Maryland, where it is now used in upward of 1000 schools. Also used in the best schools of West Virginia and other States.

BROOKS'S NORMAL ARITHMETICS AND GEOMETRY

are used with great success in the public schools of the cities of Philadelphia, Baltimore, Trenton, New Brunswick, Wilmington, Wheeling, Reading, Scranton, Williamsport, Erie, Wilkesbarre, Lancaster, York, Allentown, Altoona, Johnstown, Chester, Frederick City, Cumberland, etc., etc.

BROOKS'S NORMAL ARITHMETICS.

| 1. Brooks's Primary Arithmetic | . \$ | .25 |
|---|------|------|
| 2. Brooks's Elementary Arithmetic | | .50 |
| 3. Brooks's Mental Arithmetic | | .38 |
| 4. Brooks's Written Arithmetic | | .95 |
| Key and Methods of Teaching the Mental | | .38 |
| Key and Methods of Teaching the Written | | 1.00 |

They are extensively adopted in Pennsylvania, Maryland, Delaware, West Virginia, New Jersey and other States.

This continued and growing popularity and use of these text-books, and the great advantages found to result from teaching by them, steadily win teach is and patrons as their earnest advocates.

The following are among the points that secure their use, by which there is

A SAVING IN TIME, LABOR AND MONEY.

- 1. The natural and philosophical plan of the system.
- 2. The well-chosen, well-apportioned and well-arranged material.
- 3. The simple and rational methods of treating the subject.
- 4. The terseness and perspicuity of the language,
- The prominence given to principles, and the great abundance and variety of problems for their application.
- The clear and logical method of analysis, which relieves this system of the drudgery and rote of the old methods.
- 7. The improved methods in Greatest Common Divisor, Least Common Multiple, Circulates, Involution and Evolution, and the scientific development of Fractions, Ratio and Proportion, Percentage and its business applications.
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- 10. The low price, durable binding and practical character of each book.

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A SHORT, CHEAP and PRACTICAL COURSE in Three Books (1, 2 and 3), costing at Retail only \$1.13, Furnishes

THE COMMON BUSINESS RULES IN A COMMON SCHOOL TERM.

A more Complete Course can be had in 1, 3 and 4, Costing at Retail only \$1.58.

THE BEST BOOKS OF THE DAY.

OPINIONS OF DISTINGUISHED EDUCATORS.

From J. P. WICKERSHAM, A. M., Supt. Common Schools, Pa.—We used Prof. Brooks's books at the Normal School while I was Principal of that institution. That is the best recommendation I can give. I am very much pleased with the "Normal Elementary Geometry."

From JOHN S. HART, LL.D., Dept. of Pub. Instruction, N. J.—We have been using "Brooks's Arithmetics" in this institution, and are much pleased with them. The methods are good; the statements are clear and scholarly; the matter judiciously selected and well arranged.

From JOSEPH W. WILSON, A. M., Prof. of Practical Mathematics, Philadelphia Central Iligh School,—I consider Prof. Brooks's Series of Mental and Written Arithmetics the best published.

From GEORGE W. FETTER, Principal Philadelphia Girls' Normal School.—Brooks's Series of Arithmetics are valuable books to both teacher and pupil, and give entire satisfaction in the class-room.

From AARON B. IVINS, A. M., Principal of Philada. Friends' Central High School.—During an experience of twenty-six years, I have found no Arithmetics in which the science of numbers is so well treated as in the "Normal Arithmetics," by E. Brooks, A. M.

From GRAMMAR SCHOOL PRINCIPALS, Philadelphia.—"Brooks's Normal Arithmetics are superior to any with which we are acquainted."

From WM. ELLIOTT, Jr., Prof. Math., Baltimore City College, Md.—"Our committee of teachers unanimously reported in favor of Brooks's Series as best."

From THOMAS C. PORTER, D. D., Lafayette College, Easton, Pa.—In these days, when so many crude and worthless school-books issue from the press, and displace older and better ones, it is pleasant to meet such as show marks of true progress. In this field Prof. Brooks has achieved great success. His arithmetical series is superior to any that has yet fallen under my eye.

From H. S. JONES, Supt. Erie, Pa., Pres. Penna. State Teachers' Association.—They excel in freshness and practical power, and bear the stamp of the logical thinker and practical teacher.

From HENRY HOUCK, Ex-Co. Supt., now Deputy State Superintendent, Pa.—"I am well acquainted with Prof. Brooks's Normal Written Arithmetic. I had a fair opportunity to test its merits, and can say that it gave general satisfaction. It is quite a favorite text-book of three-fourths of the teachers in Lebanon county."

From PROF. JOHN A. STEWART, High School, Reading, Pa —I find them to be very excellent text-books, gotten up with extreme care, and evidently by a master of the subject. A truly philosophical and rigidly logical method has been pursued.

From HON. THOS. H. BURROWES, Penn. School Journal,—"We noticed favorably this sterling work, 'Brooks's Written Arithmetic,' and now we rejoice to state that it has met with an encouraging reception, and is going into very large use."

From L. O. FOOSE, Prin. High School, Harrisburg, Pa.-1 am particularly pleased with the method, order and simplicity which are found throughout the whole series.

From JESSE NEWLIN, County Supt. Schuylkill County, Pa.—Brooks's Arithmetics need no opinion of mine to commend them to the intelligent teachers of this or any other State. Two hundred and ninety of the three hundred and forty schools of this county use them. The Elementary Written Arithmetic is just the work for agricultural and coal districts, and is rapidly supplanting other larger works. It contains sufficient to make good practical scholars, without the unnecessary matter found in our higher Arithmetics.

Extract Official Report, DR. JAMES L. BRYAN, of Maryland State Board.—"It is difficult to conceive of greater simplification of the principles of Arithmetic, or of rendering the art of teaching it easier. The special features, all of which are improvements upon the old methods, bring the works up to the latest standard of excellence.

From the PATRIOT AND UNION, Harrisburg, Pa.—"The author (Prof. Brooks) is a mathematician of the largest experience, and has brought all of his resources together in his effort to place before the public a simple, easy method of instruction."

From the DEMOCRATIC STANDARD, Pottsville, Pa.—"With a live teacher, failure on the method here laid down, we think, is impossible.

From F. S. WILLIAMS, Supt. of Schools, District of Wheeling, W. Va.—Our Principals and Teachers are all agreed that the interests of the schools have been materially promoted by the introduction of Brooks's Normal Arithmetics and Raub's Normal Spellers.

From J. MORROW, M. E., Prin. Fourth Ward, Allegheny City, Pa.—I have had better success in teaching Arithmetic with Brooks's Analysis than any other.

From HENRY B. PIERCE, A. M., Supt. New Brunswick City Schools, N. J.-To those who wish to carry out the Normal system of teaching Arithmetic in their schools, I can recommend no better work.

SPECIAL ANNOUNCEMENT.

Brooks's Normal Elementary Algebra (Now ready) . \$1.25

IMPORTANT IMPROVEMENTS IN GENERAL AND SPECIAL FEATURES INTRODUCED.

This new and beautiful work is characterized by the clearness and conciseness of its definitions, the simplicity and elegance of its explanations, the thorough discussion of principles, and the variety and appropriateness of its problems. While unusually simple and progressive in its treatment, more algebraic thought is developed and applied in this new book than any other work of a like character.

The Normal Algebra is believed to be the best text-book on the Elements of Algebra published. It is not a mere collection of problems and solutions, but the evolution of a carefully-matured plan—the embodiment of an ideal formed by a long and thoughtful experience in the school-room. Teachers and students of Algebra will find it to be a work of uncommon interest.

Brooks's Normal Geometry and Trigonometry . . \$1.25

AN ORIGINAL WORK OF GREAT MERIT. ONCE TRIED, ALWAYS USED.

This practical work has been prepared to meet particularly the conditions and requirements of Normal Schools, Academies, Seminaries and High Schools. It is a short but complete course, closely logical in its development from lines forming angles, to the ratios of the cylinder, cone and sphere. Practical problems and undemonstrated theorems are given at the end of each book. Beautiful and concise treatments of Mensuration and Trigonometry are presented.

ADDITIONAL POPULAR TEXT-BOOKS.

- 1. RAUB'S PRIMARY, 30 cts.; NORMAL SPELLER, 45 cts.
- 2. FEWSMITH'S ELEMENTARY, 45 cts.; ENG. GRAMMAR, 65 cts.
- 3. ROBERTS'S HISTORY OF UNITED STATES, 75 cts.
- 4. SHEPPARD'S FIRST BOOK, 75 cts.; TEXT-BOOK, \$1.25.
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