

ATLAS  
ou Voyage  
Minéral - Reichthum.

Goussier, Adolphe Franke.

I 2°  
25 (Atlas)  
b



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I 25 (Atlas 1) b 2°





# A T L A S

zu des

Herrn von Villefosse

# Mineral-Reichthum

der

Sammlung geognostischer und technischer Beobachtungen, welche den jetzigen Zustand der Bergbau- und Hüttenkunde durch, von den besten Etablissements entlehnten Beyspielen darthun, und sie mit Hülfe der geometrischen Darstellung verdeutlichen.

*Deutsche Bearbeitung*

C A R L H A R T M A N N.



Sondershausen, 1822.



Bücher:  
Bergakademie  
Freiberg L 50

I 25 <sup>(1120)</sup> 1/2  
120









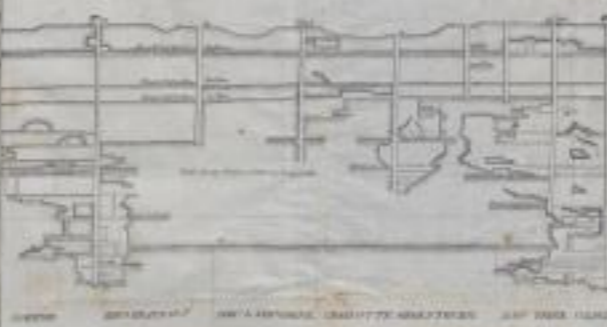




GRUND- UND QUERSCHNITT DER HAUPTGEBÄUDE

GRUND- UND QUERSCHNITT DES ROSENHÖLZCHENS

GRUND- UND QUERSCHNITT DES BERGARBEITERHAUSES



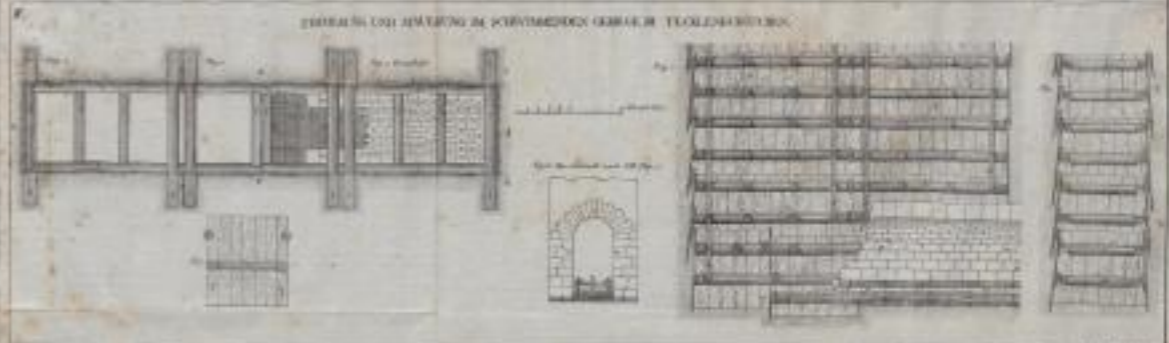
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VERGLEICHENDE QUERSCHNITTE DES BERGARBEITERHAUSES

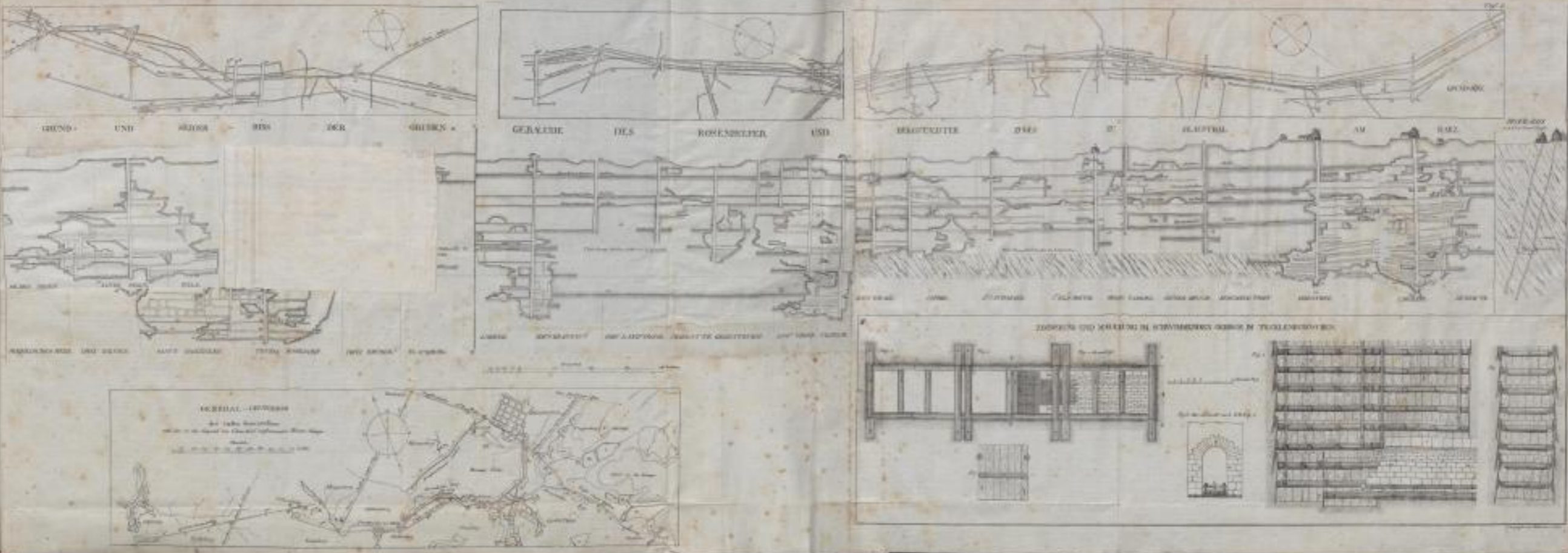


ALLGEMEINE LAGEPLAN



DETAILS UND ANORDNUNG DER KORBENDECKEN DER BERGARBEITERHAUSES

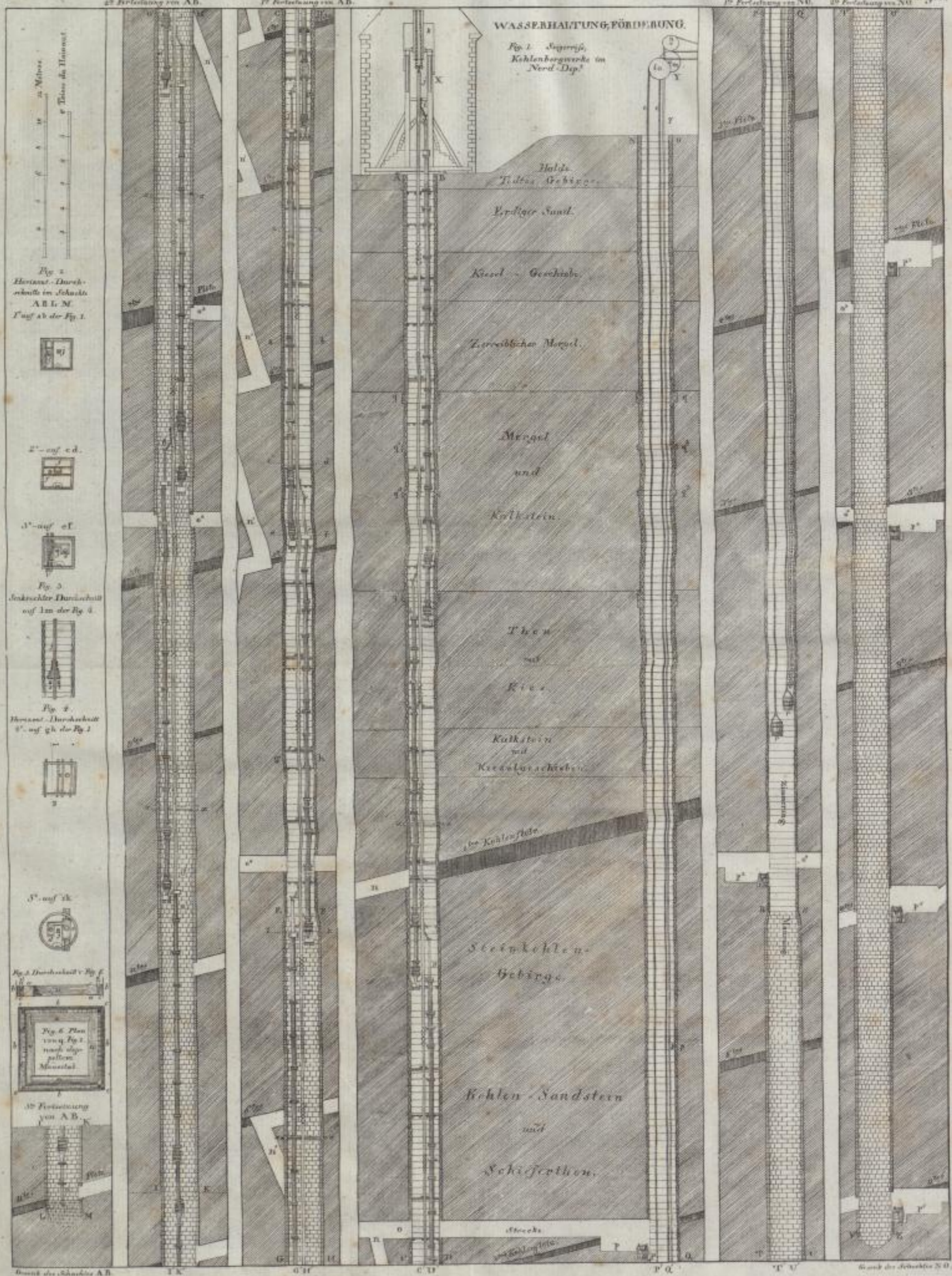












Grund des Schachtes A.B.

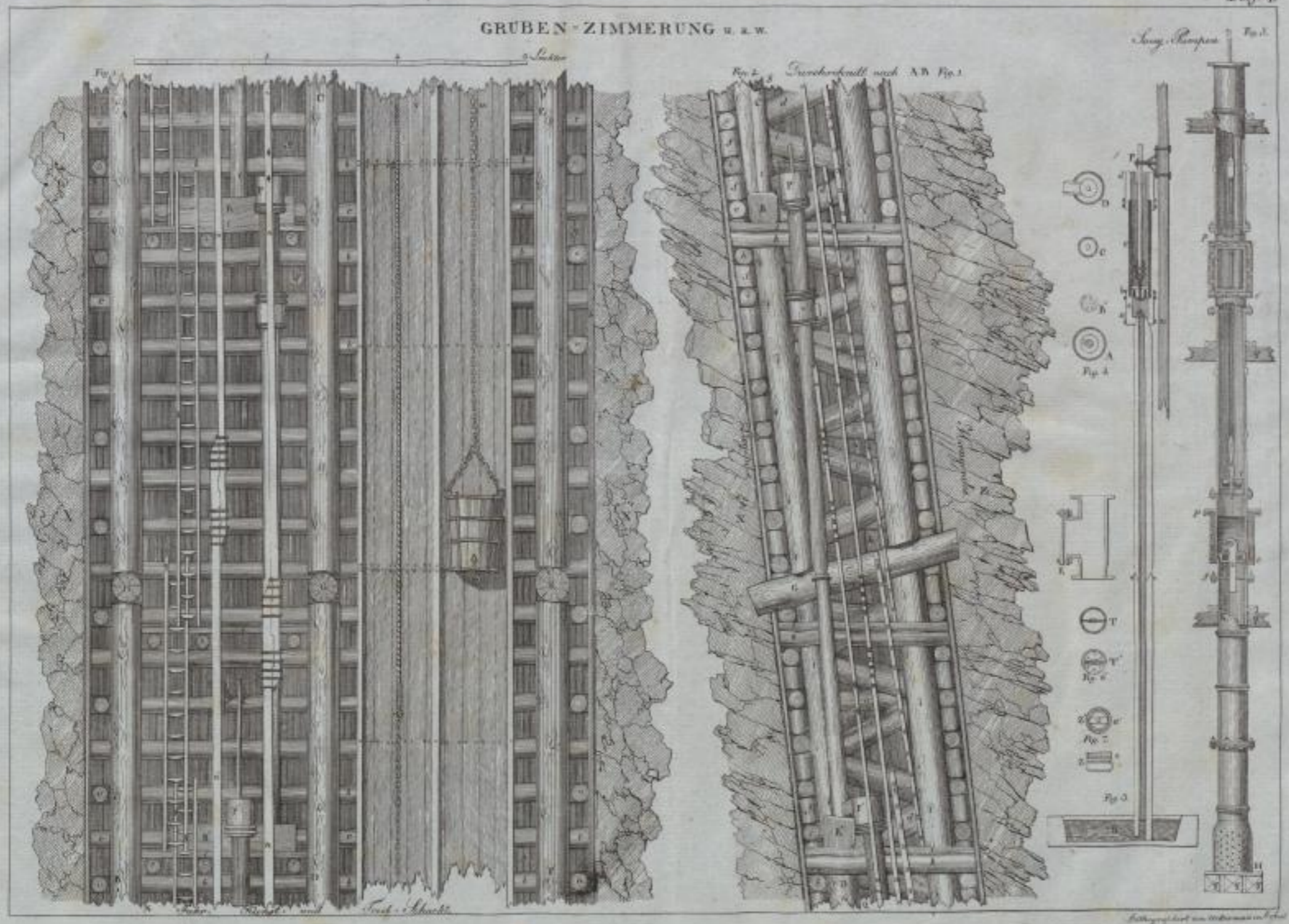
Grund des Schachtes N.O.







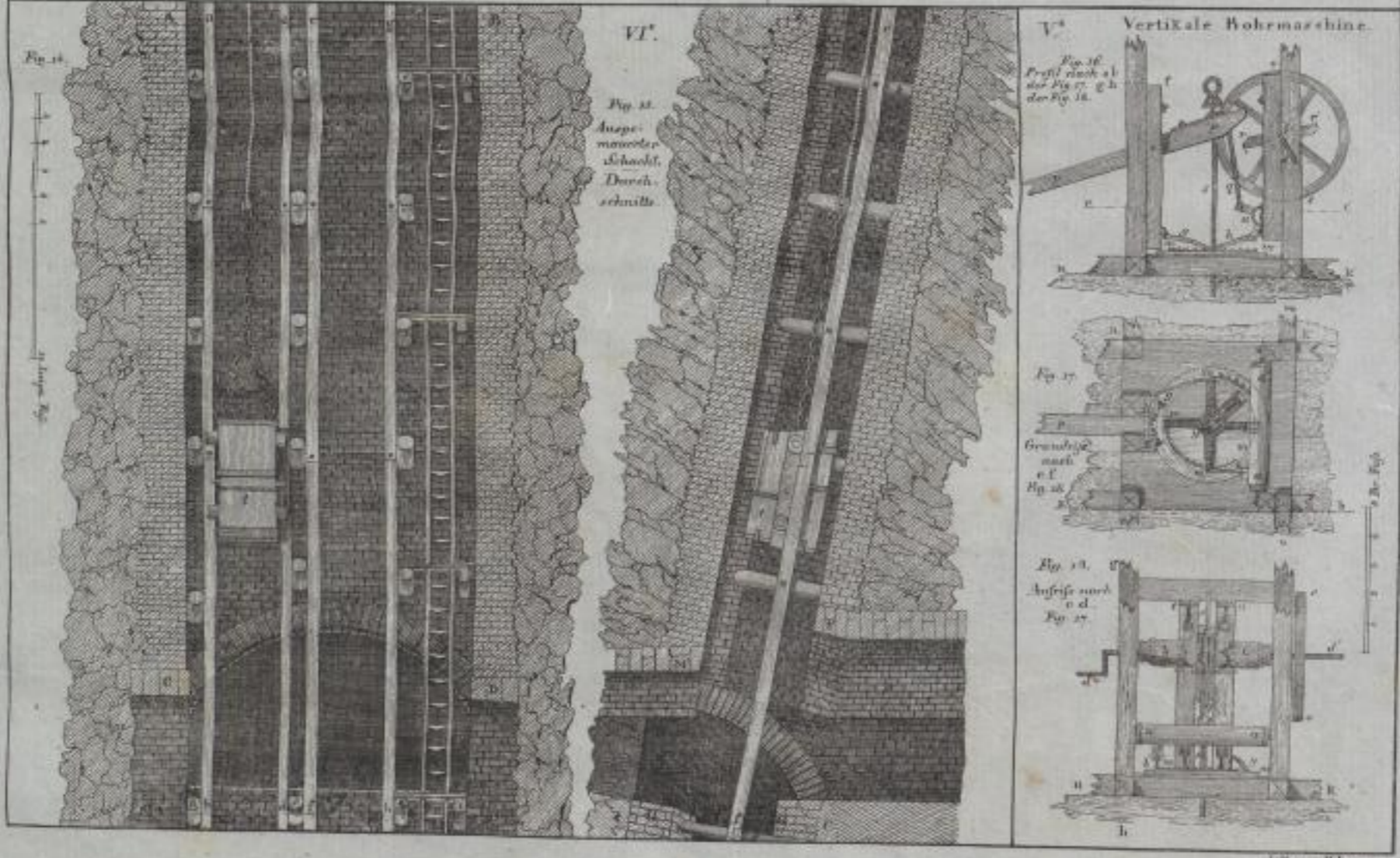
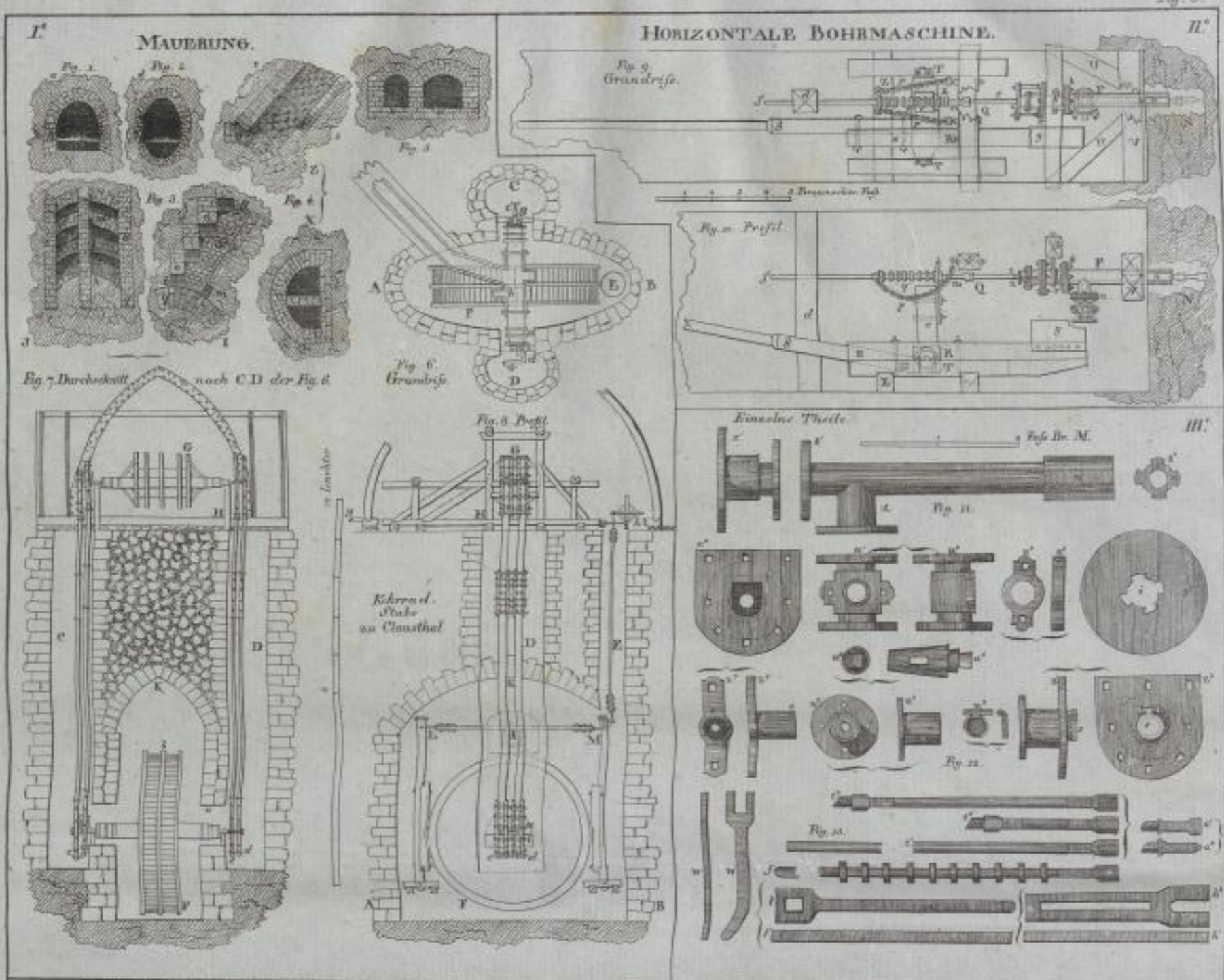
GRUBEN-ZIMMERUNG u. s. w.











Lithogr. v. Schumann

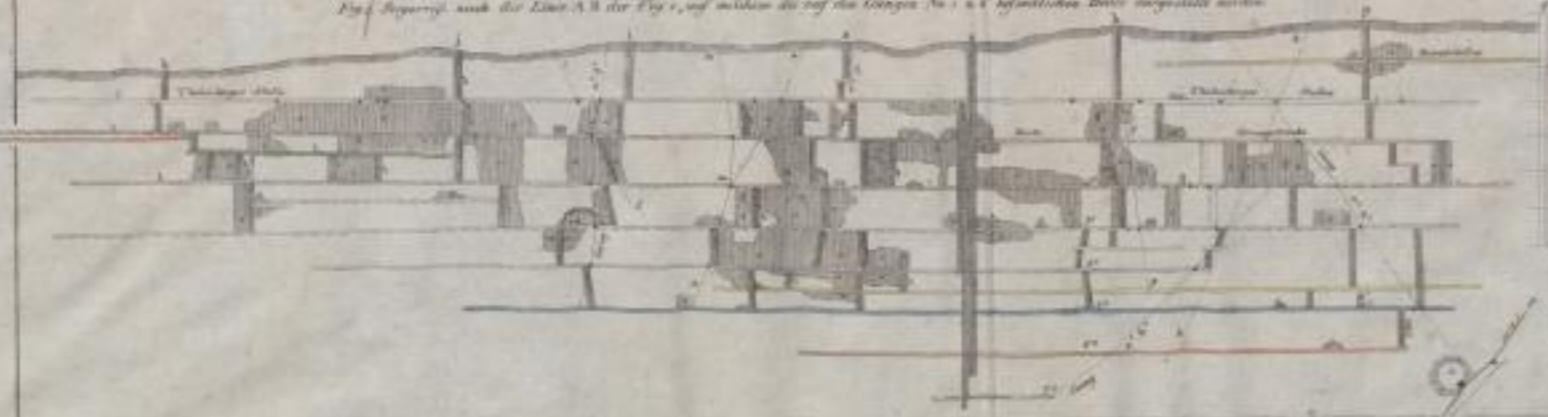






FÜRSTENBAU,  
Grube HIMMELSFÜRST, bei Freyberg.

Fig. 1. Ausschnitt nach der Linie A B der Fig. 1, auf welchem die auf den Gängen No. 1 u. 2 befindlichen Bänke dargestellt werden.



Erklärung der Zeichen.

- In Betrach. stehende Bänke
- Horizontale Bänke
- Alte Mauer
- Baumartige Mittel.
- Geringe Erde
- Mauerwerk
- Schächel.
- Mittel, welche Schächelberge liefern.

Fig. 2. Grundriß.

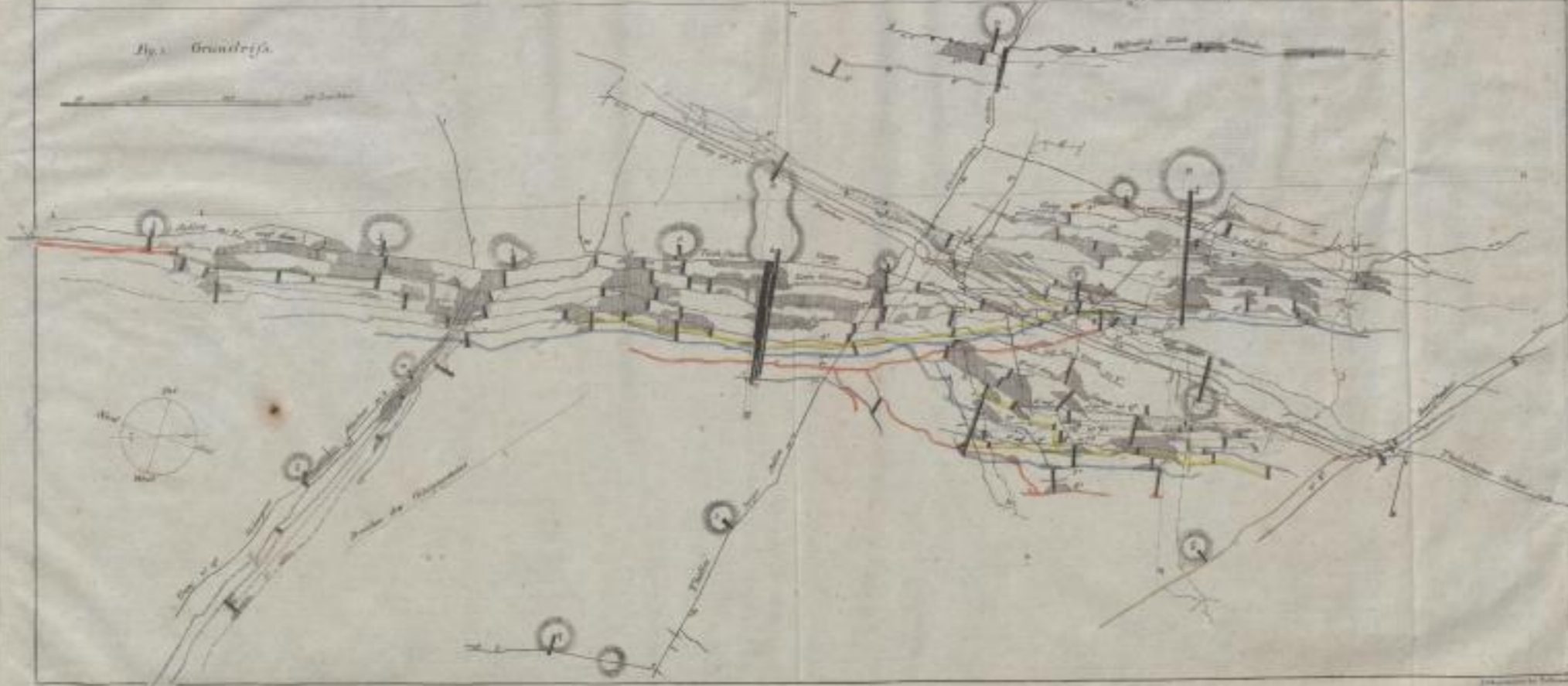


Fig. 3. Profil nach C D der Fig. 1.



Fig. 4. Profil nach E F der Fig. 1.

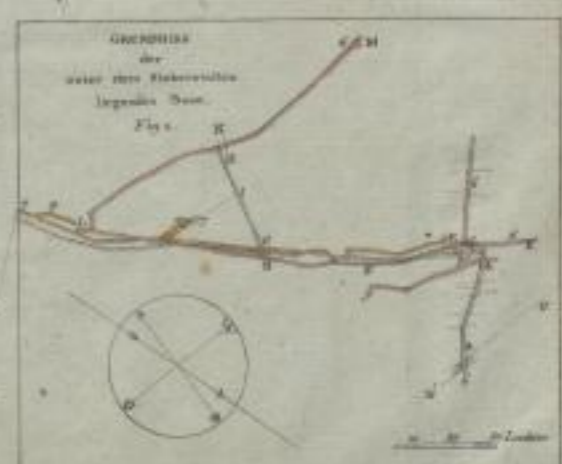
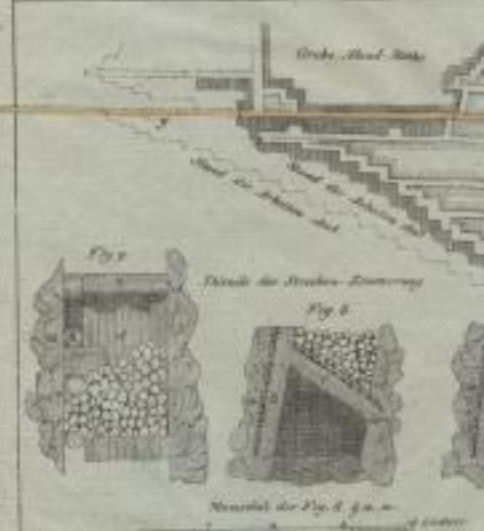
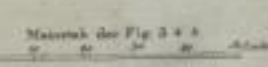
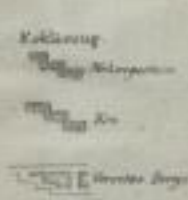
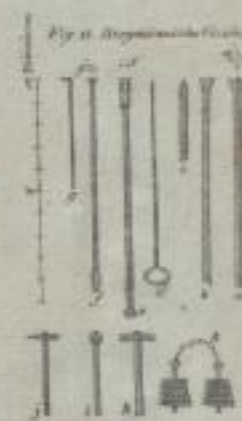
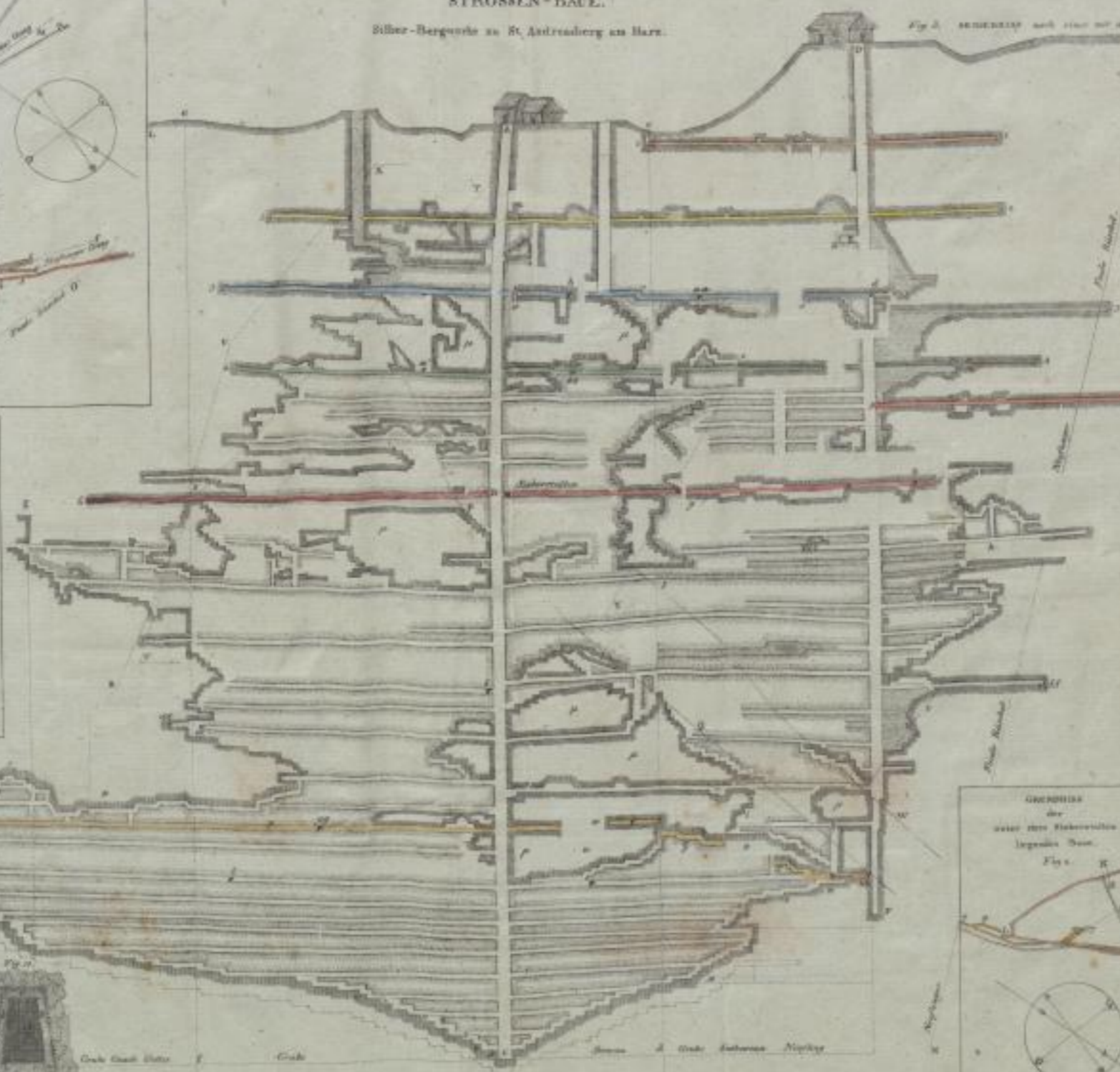
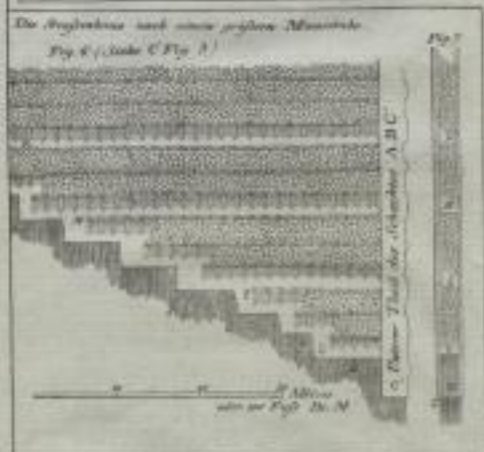
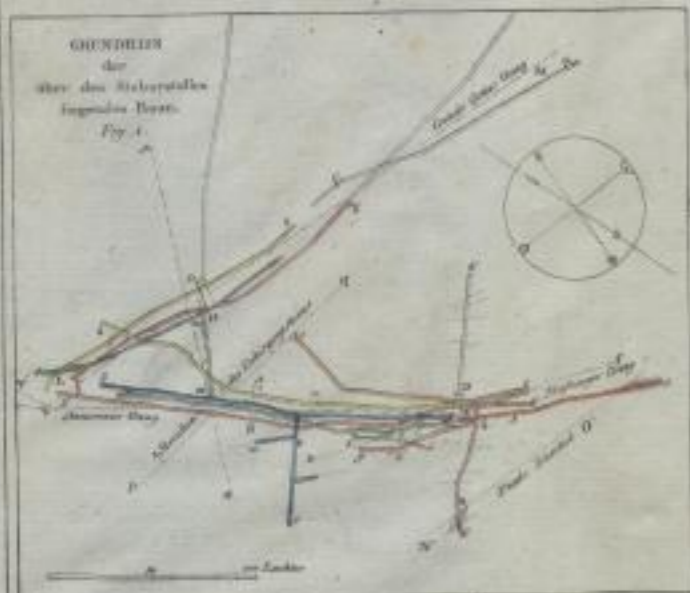






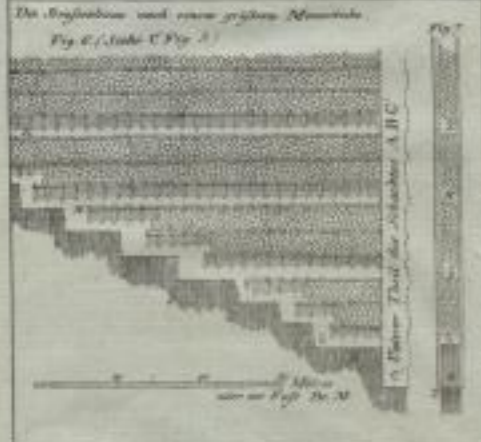
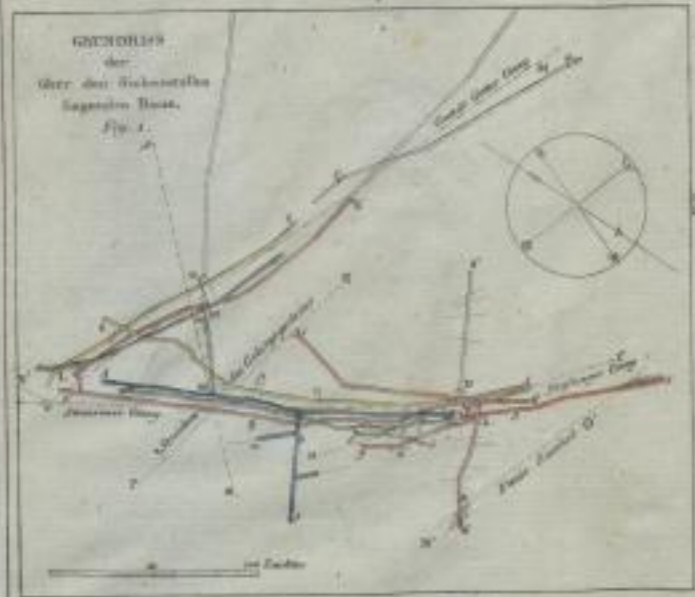
### STROSSEN - BAUE.

Silber-Bergwerke zu St. Andreasberg am Harz.



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**STROSSEN-BAUE.**  
Silber-Bergwerks zu St. Andreasberg am Harz.

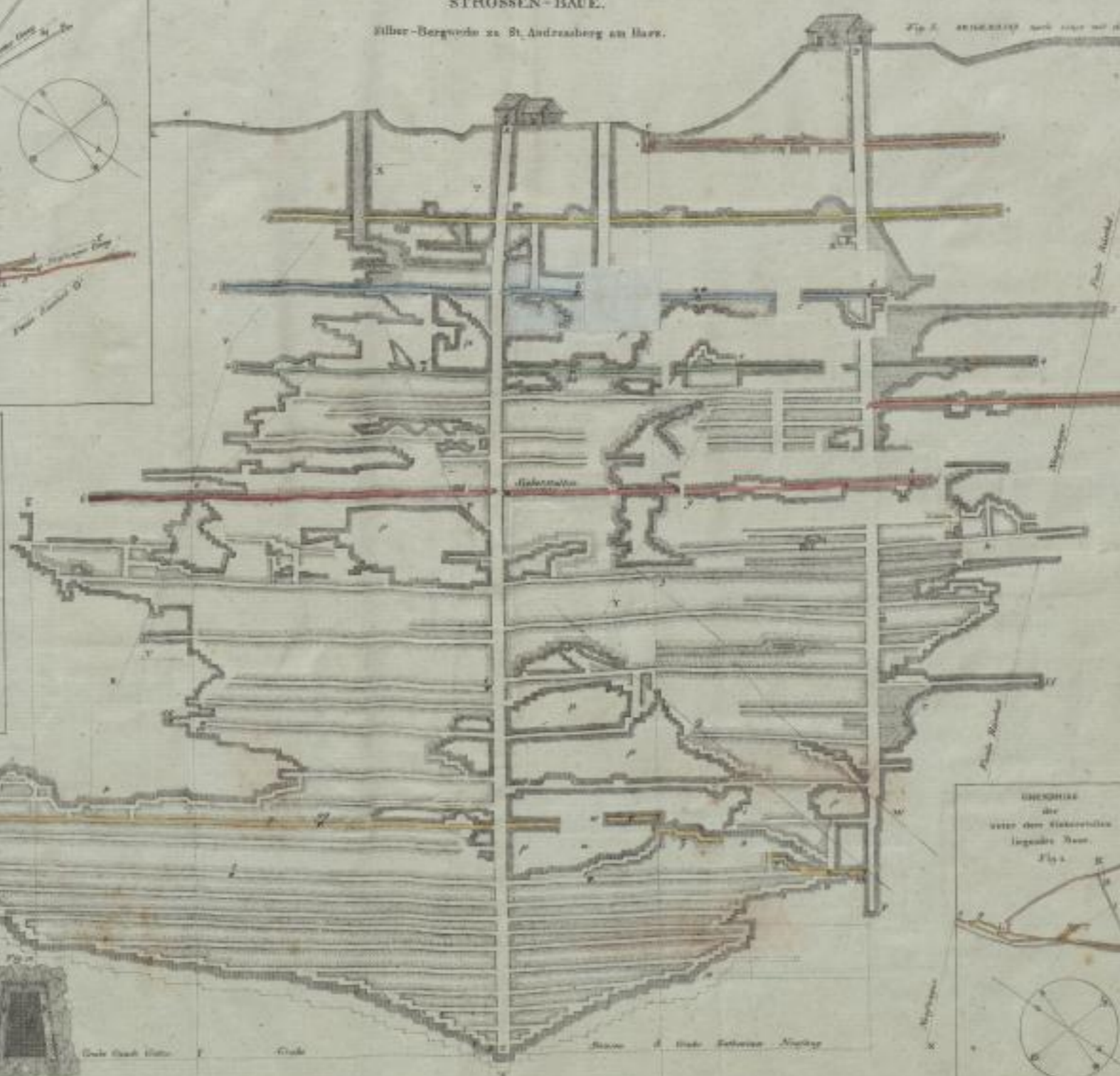
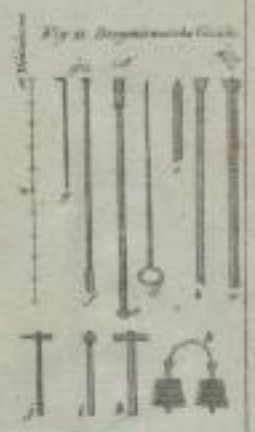


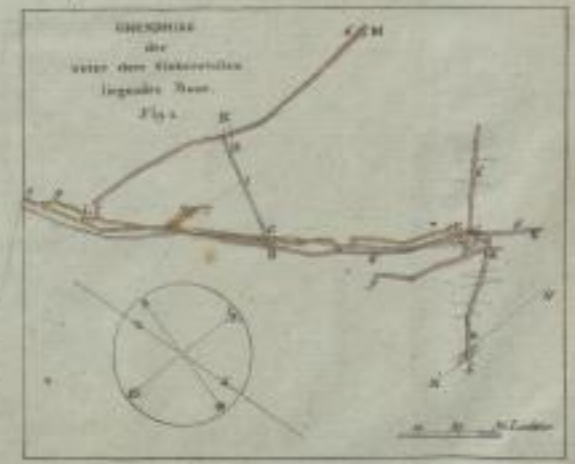
Fig. 3. ANZEIGUNG nach oben mit dem Stollen VI Fig. 1. parallel der Ebene.



**Erklärung**  

 Erhellung  
 Stollen  
 Stollenberg

Nachstehende Fig. 5 & 6



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### STROSSEN - BAUE.

Silber-Bergwerke zu St. Andreasberg am Harz.

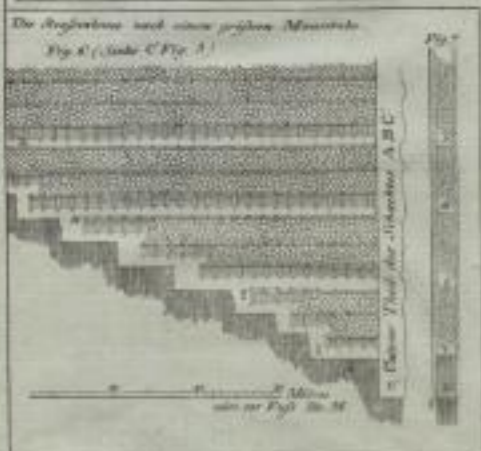
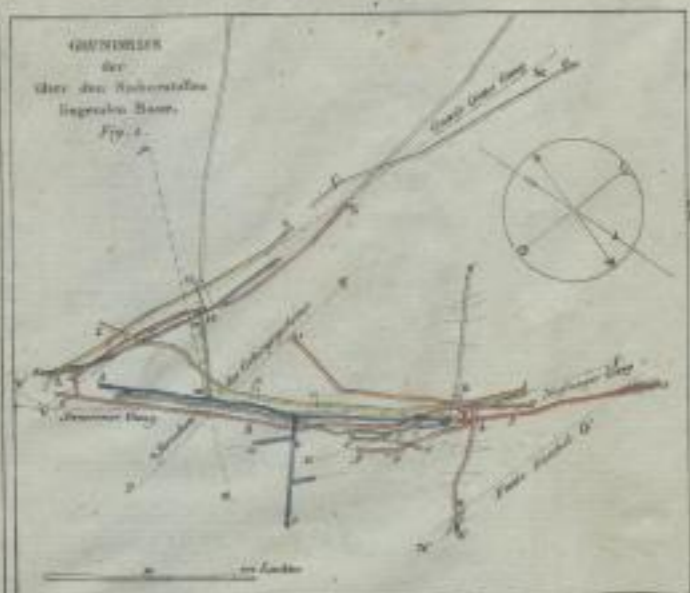


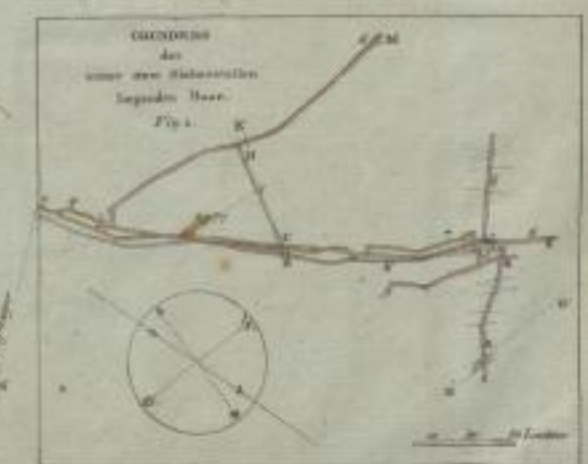
Fig. 3. ANSEHNUNG nach unten auf den unteren VL Fig. 1. parallel der Ebene.



Erklärung

- Mauerwerk
- Grube
- Grube Silberberg

Maaßstab der Fig. 2 & 3



Erzbergwerk



### STROSSEN-BAUE.

Zilber-Bergwerke zu St. Andreasberg am Harz.

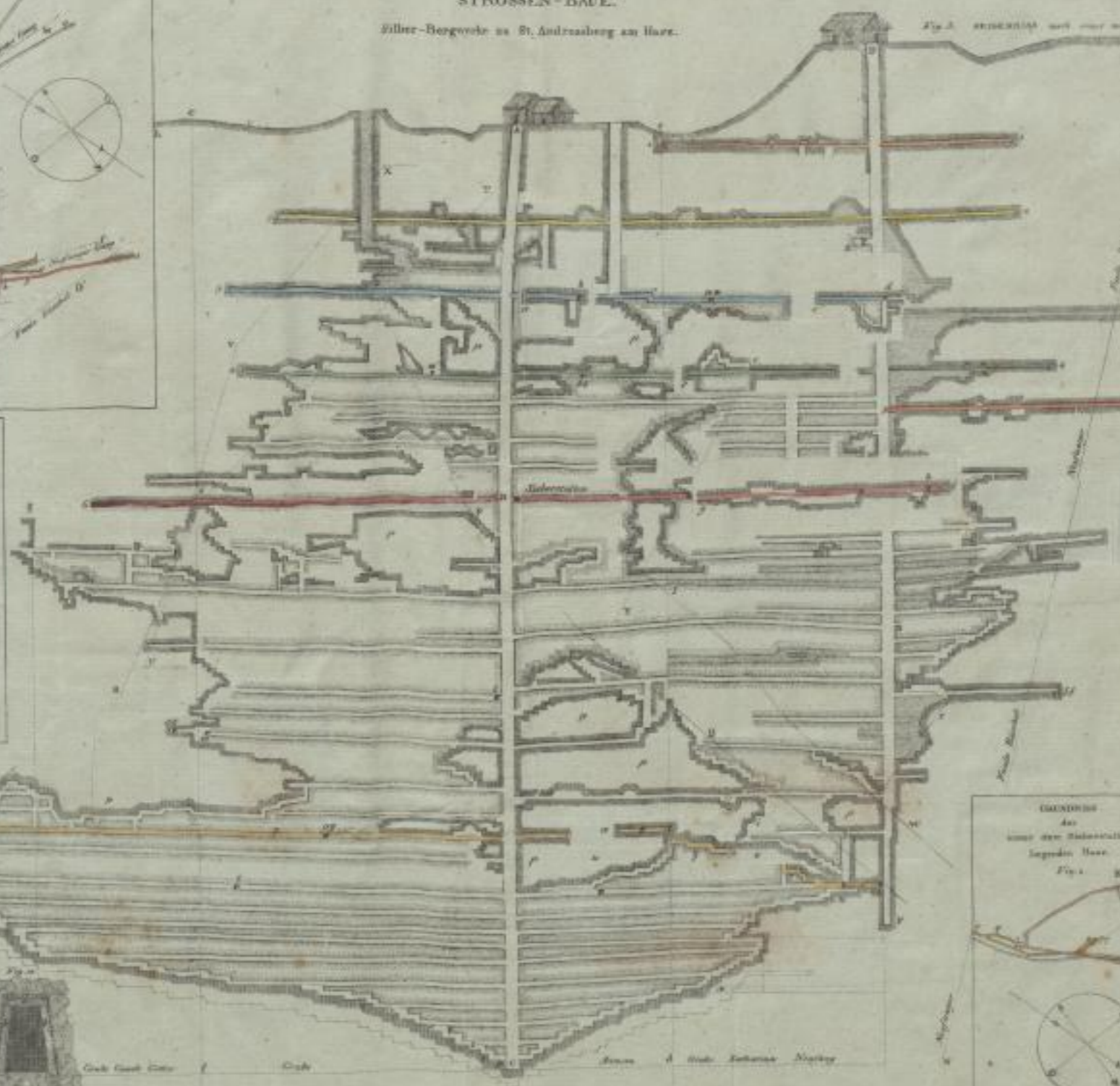
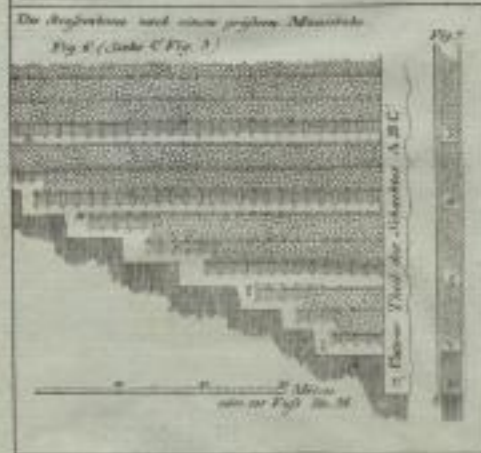
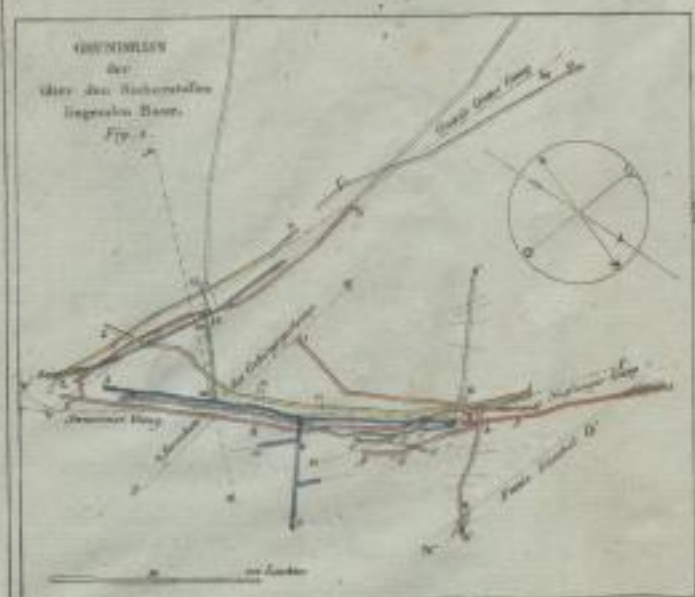
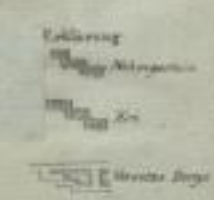
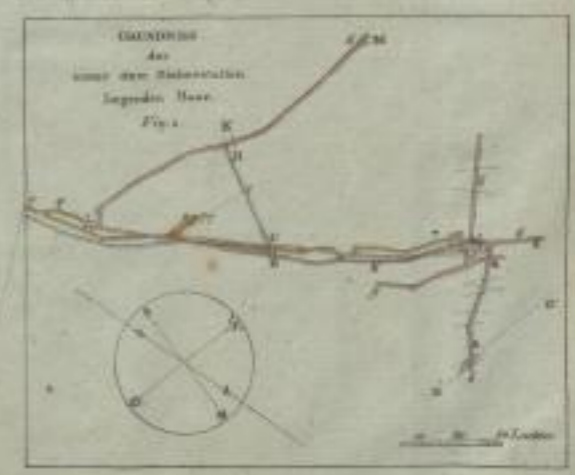


Fig. 3. ANZEIGUNG der Lage der Grube VE. Fig. 4. parallel der Ebene.



Maßstab der Fig. 2 u. 3.



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### STROSSEN-BAUE.

Filber-Bergwerke zu St. Andreasberg am Harz.

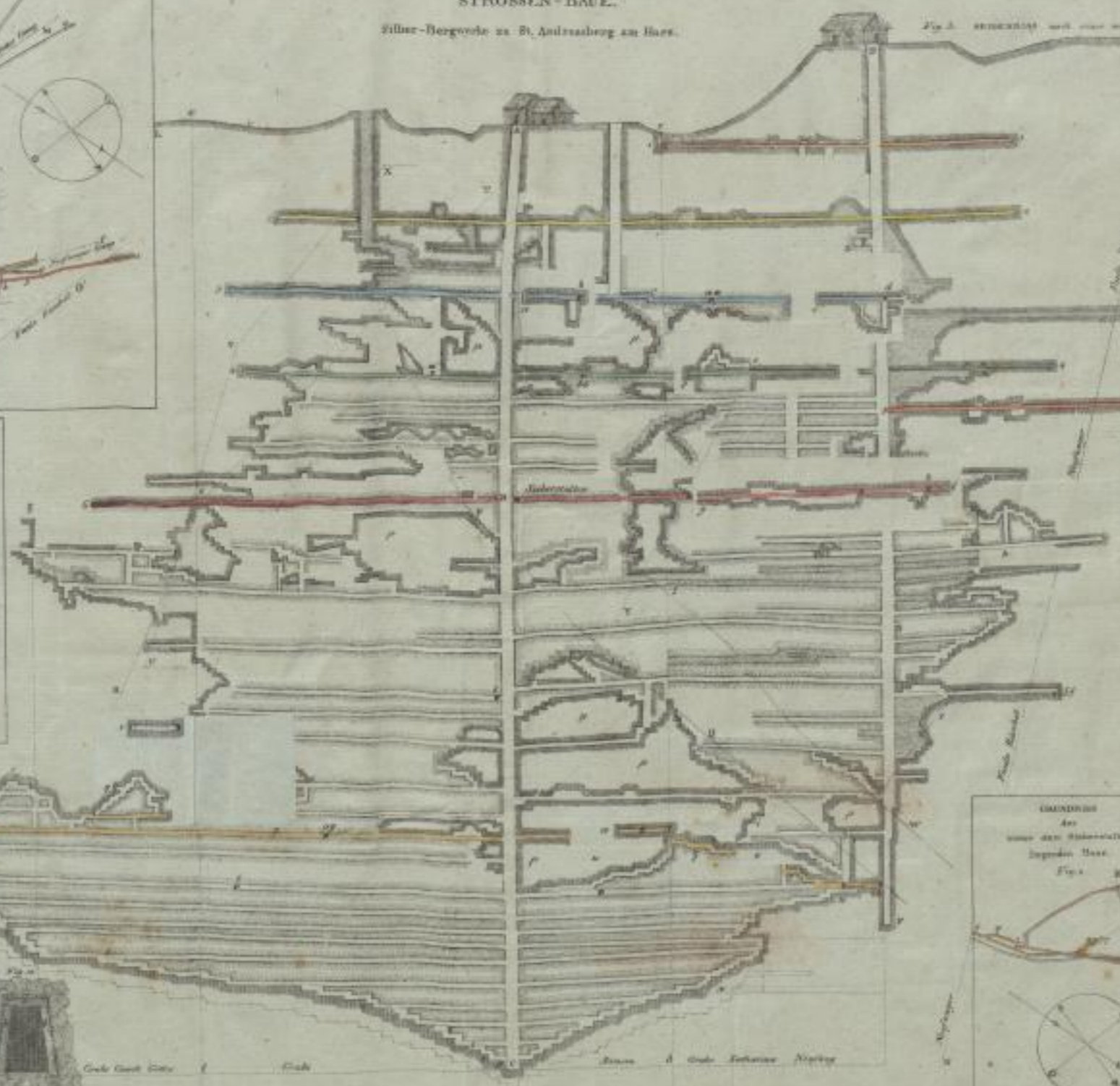
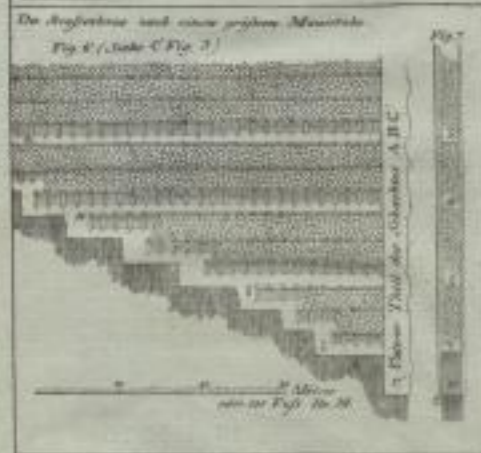
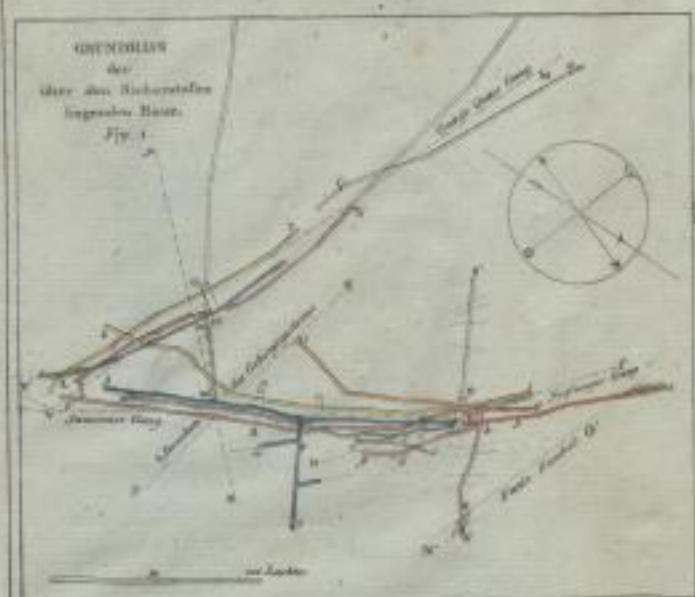


Fig. 3. ANZEIGUNG der über die Ebene VE Fig. 1. parallel liegenden Baue.



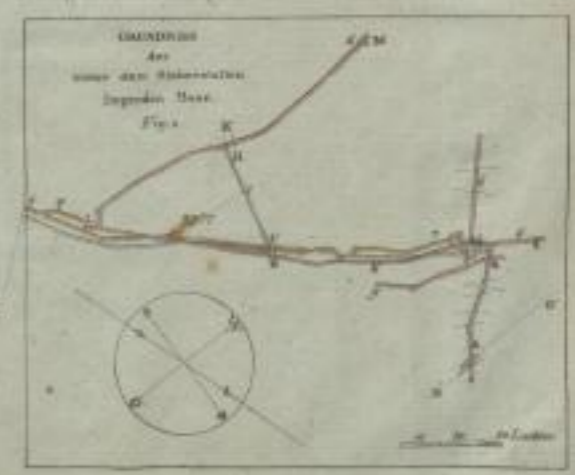
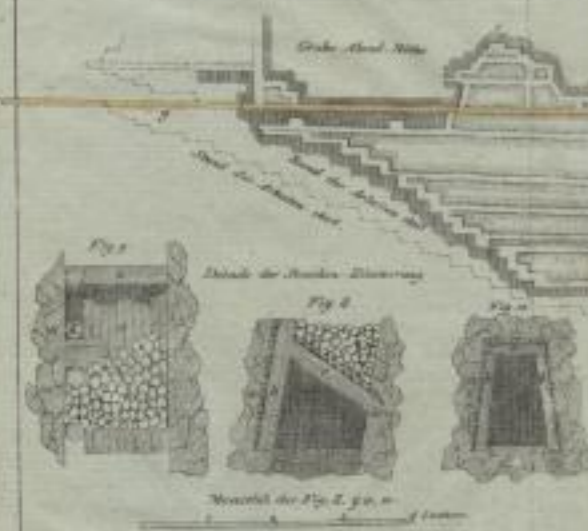
Erklärung

— Hohenstufen

— St. Andreasberg

— St. Andreasberg

Maassstab der Fig. 3 & 4



Entwurf von ...







### STROSSEN-BAU.

Silber-Bergwerke zu S. Andreasberg am Harz.

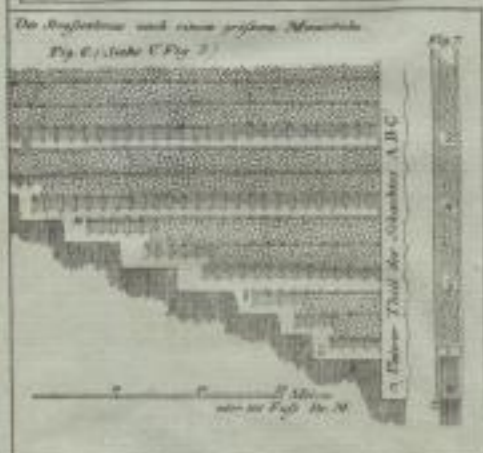
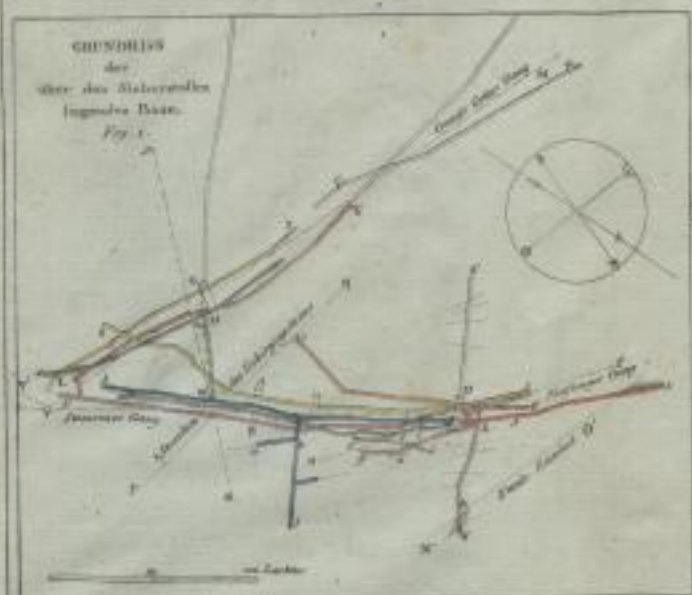
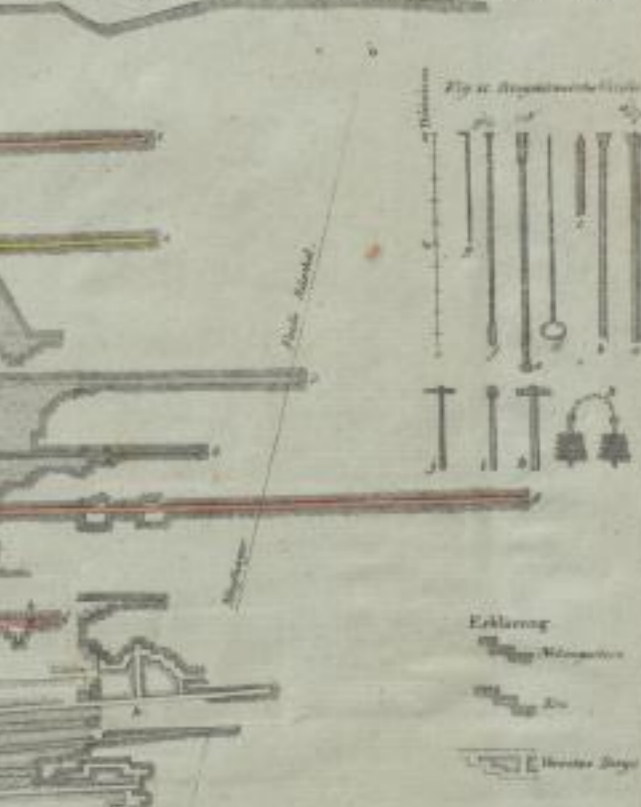
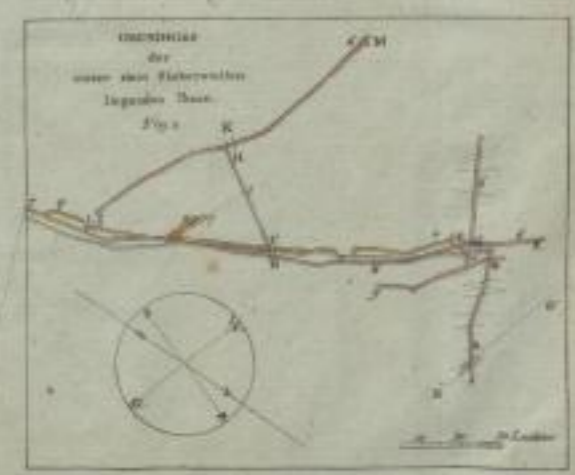


Fig. 3. ANSEHN DER GRUBE MIT DEN GRABEN VON FIG. 1. PARALLELE ANSICHT.



Erklärung  
  
 Erklärung  
 Mauerwerk  
 Stollen  
 Grube



Entwurf von Schumann

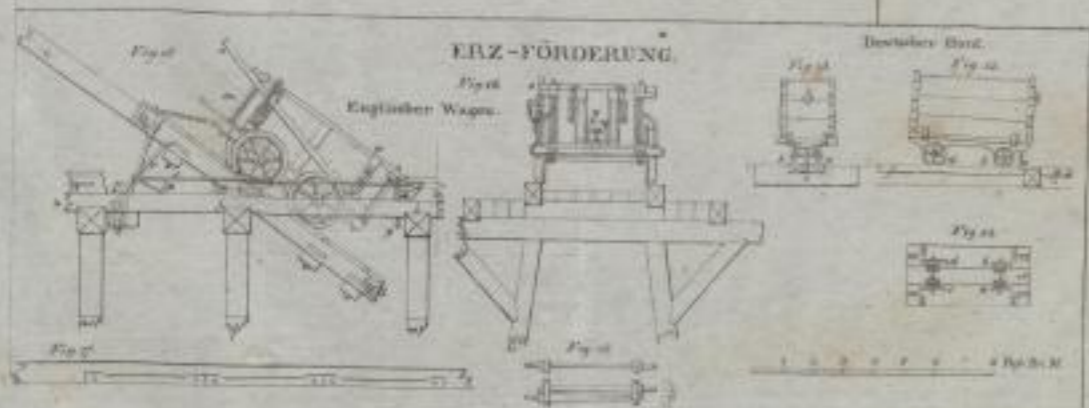
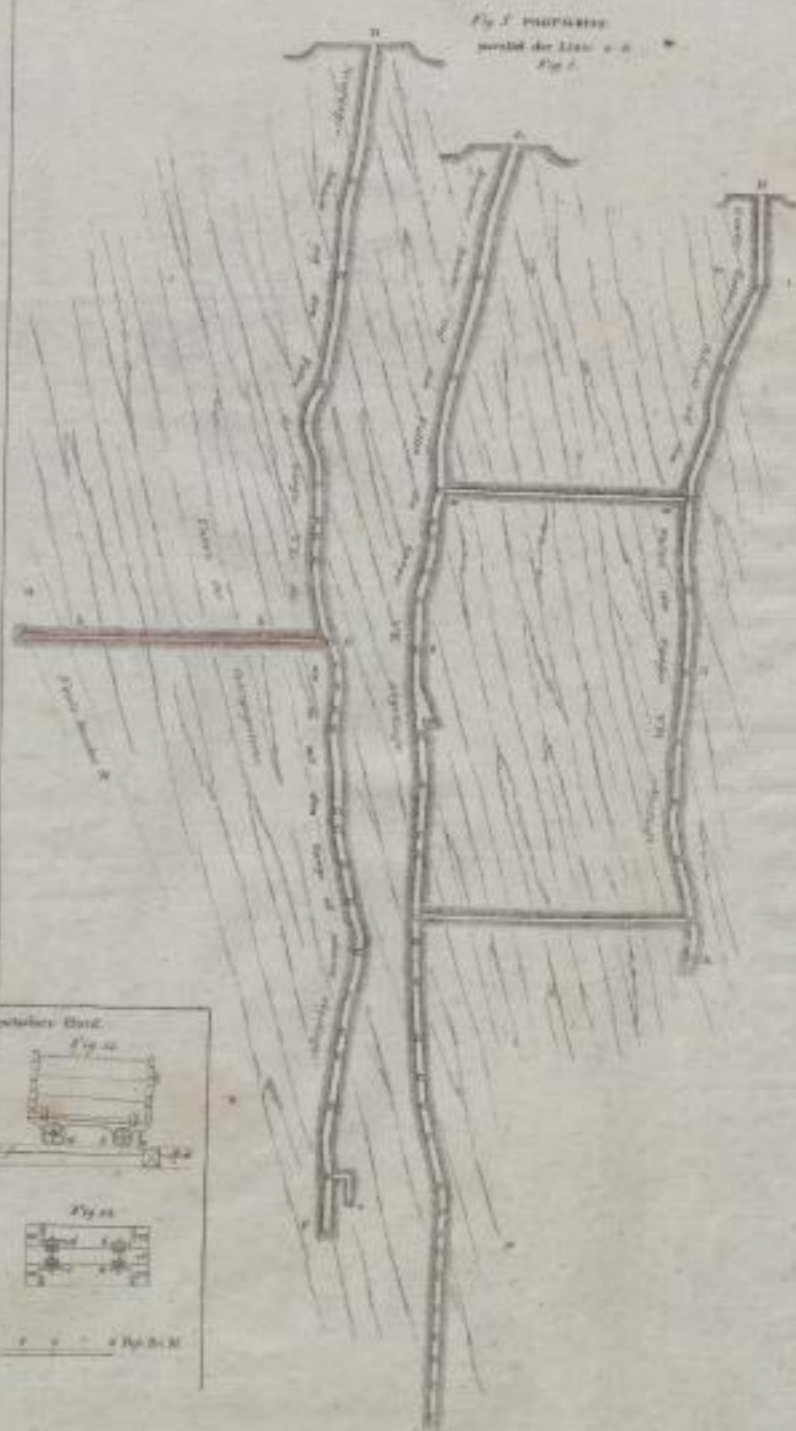
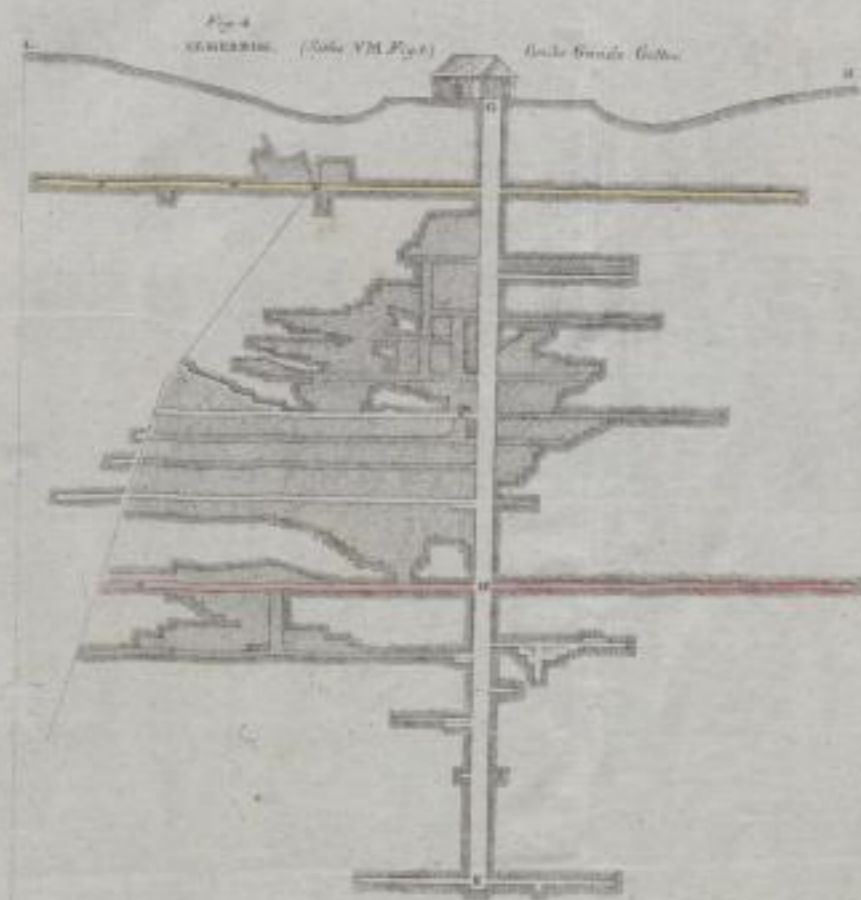




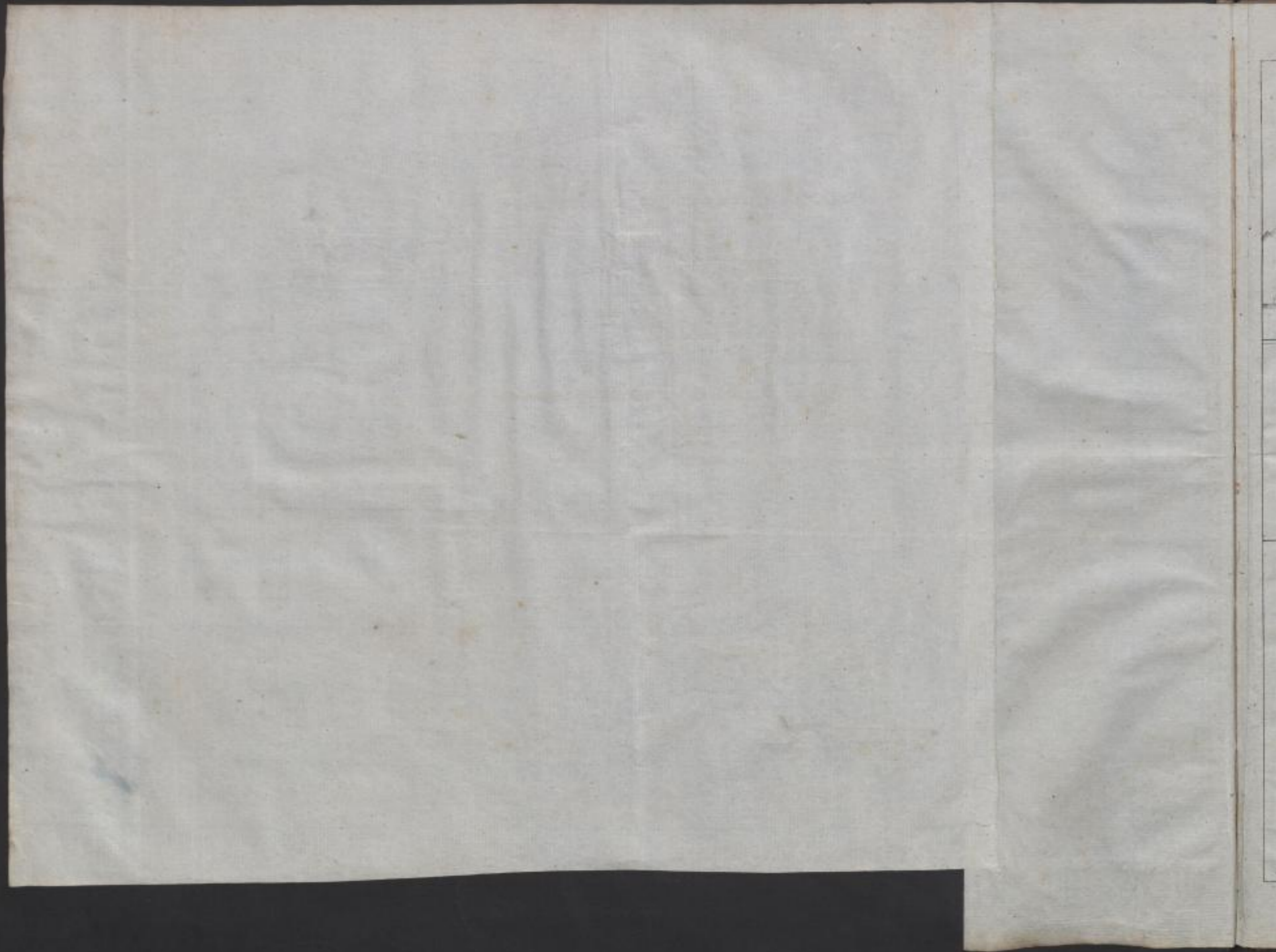
















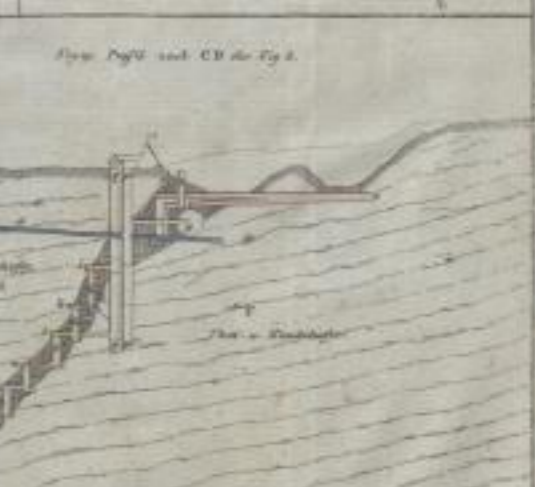
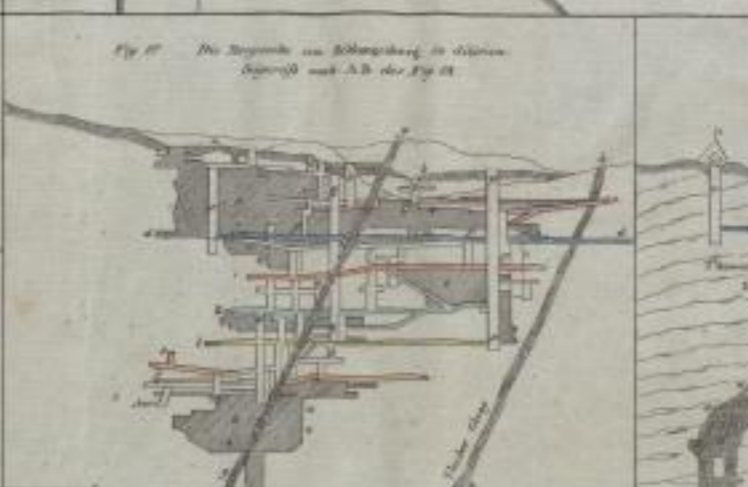
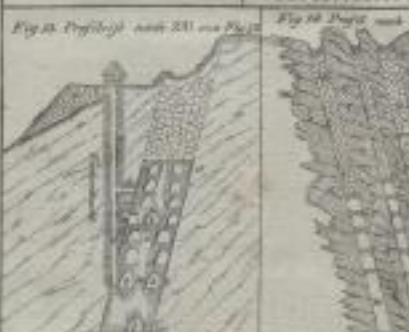
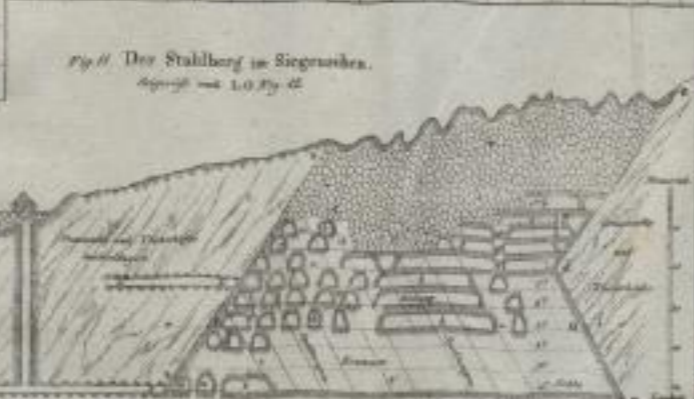
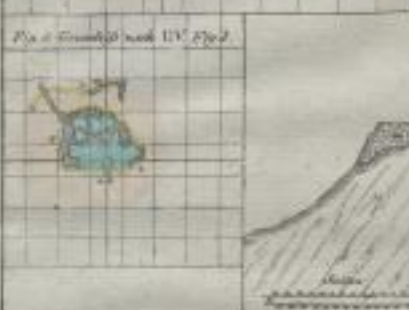
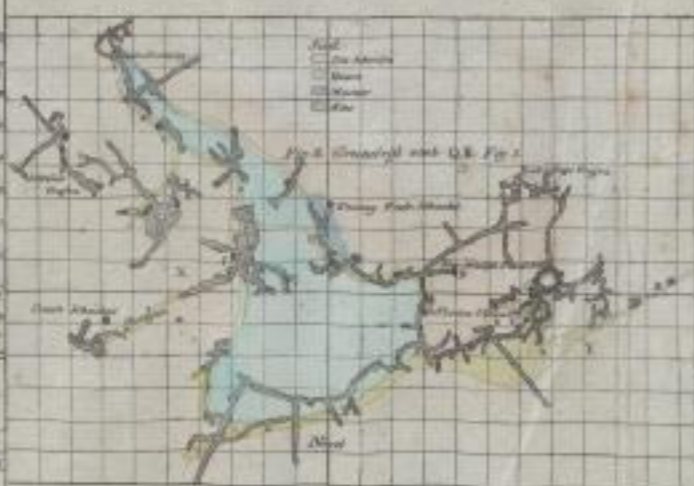






### STOCKWERKSBAUE.

Fig. 1 Die Kupferprobe zu Faltus.  
Vertical-Berschnitt nach der Linie ABC in Fig. 2.









QUERAU

Fig. 1. Grundriß der Kirche zu Querlau

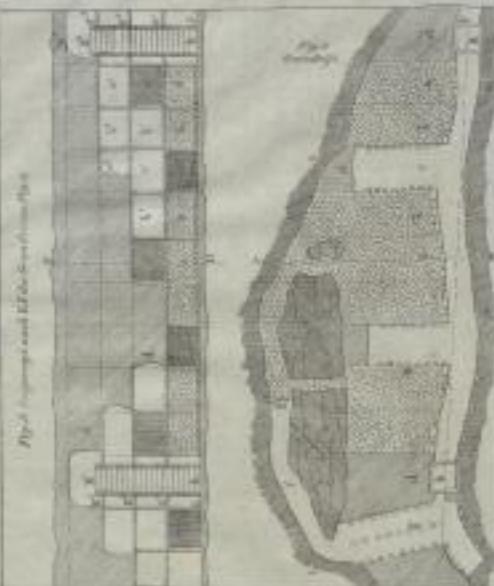
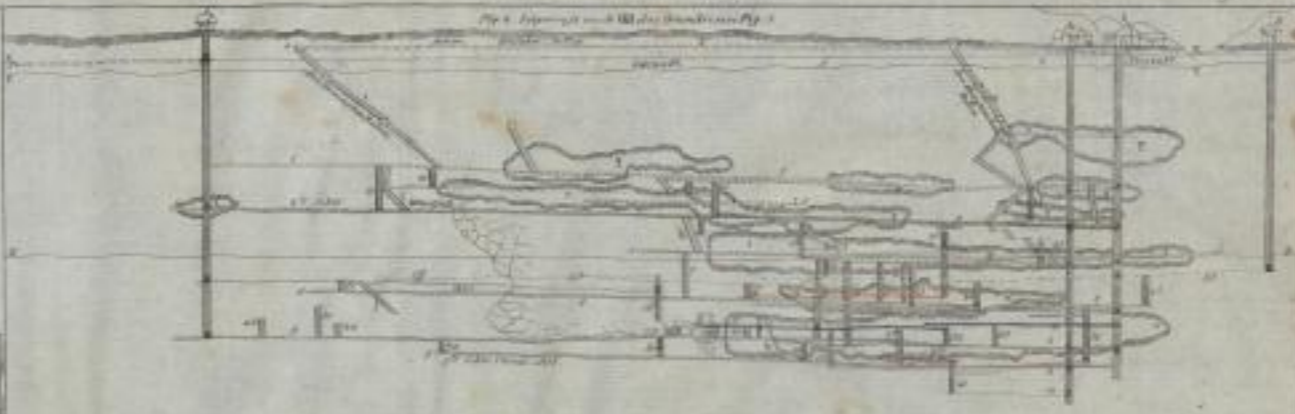


Fig. 2. Grundriß der Kirche zu Querlau



Querlau-Bergwerk zu Idria

Fig. 3. Grundriß



Fig. 4. Grundriß der Maschine





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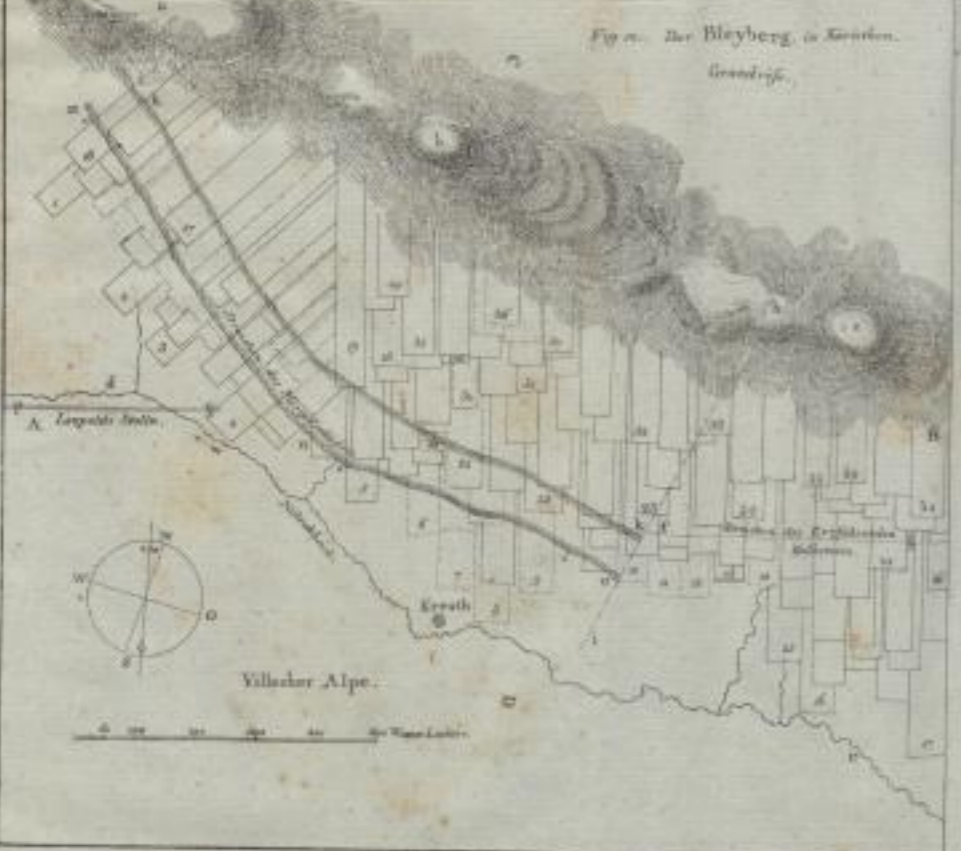
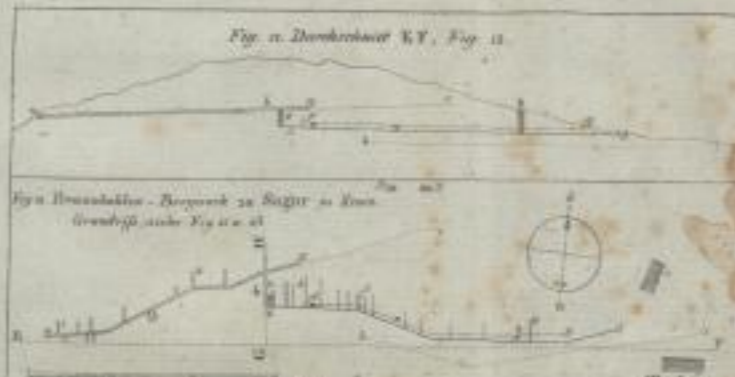
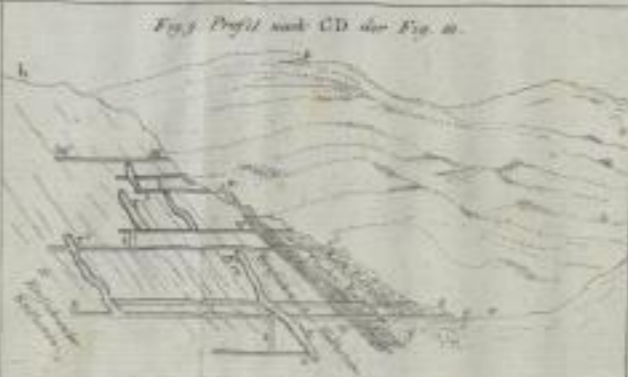
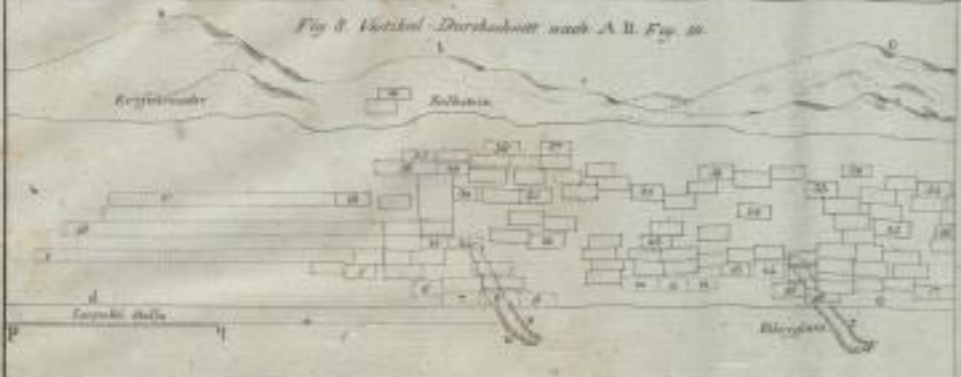




QUER-ORTS-UND BRUCHBAU.

Querschichtenbau zu Kirn. Durchschnitt von Erbstollen in verschiedenen Stellen.

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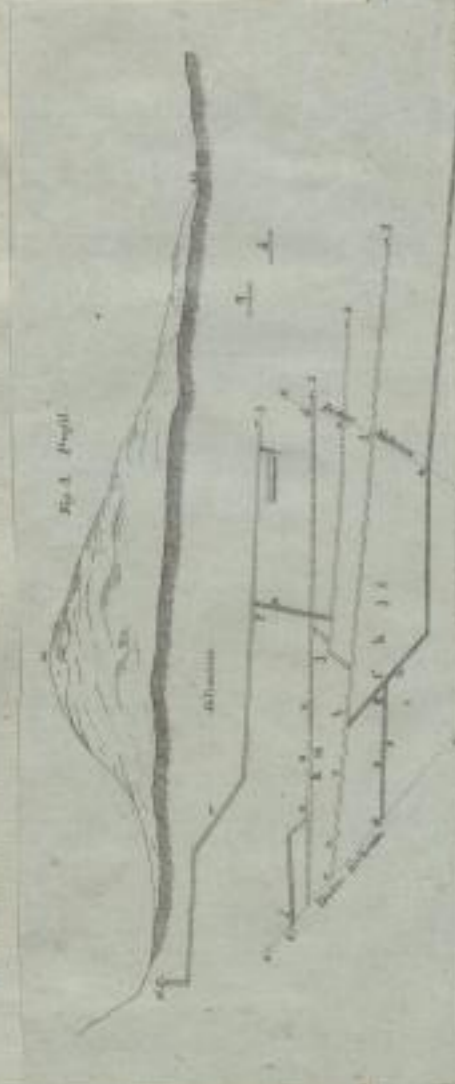
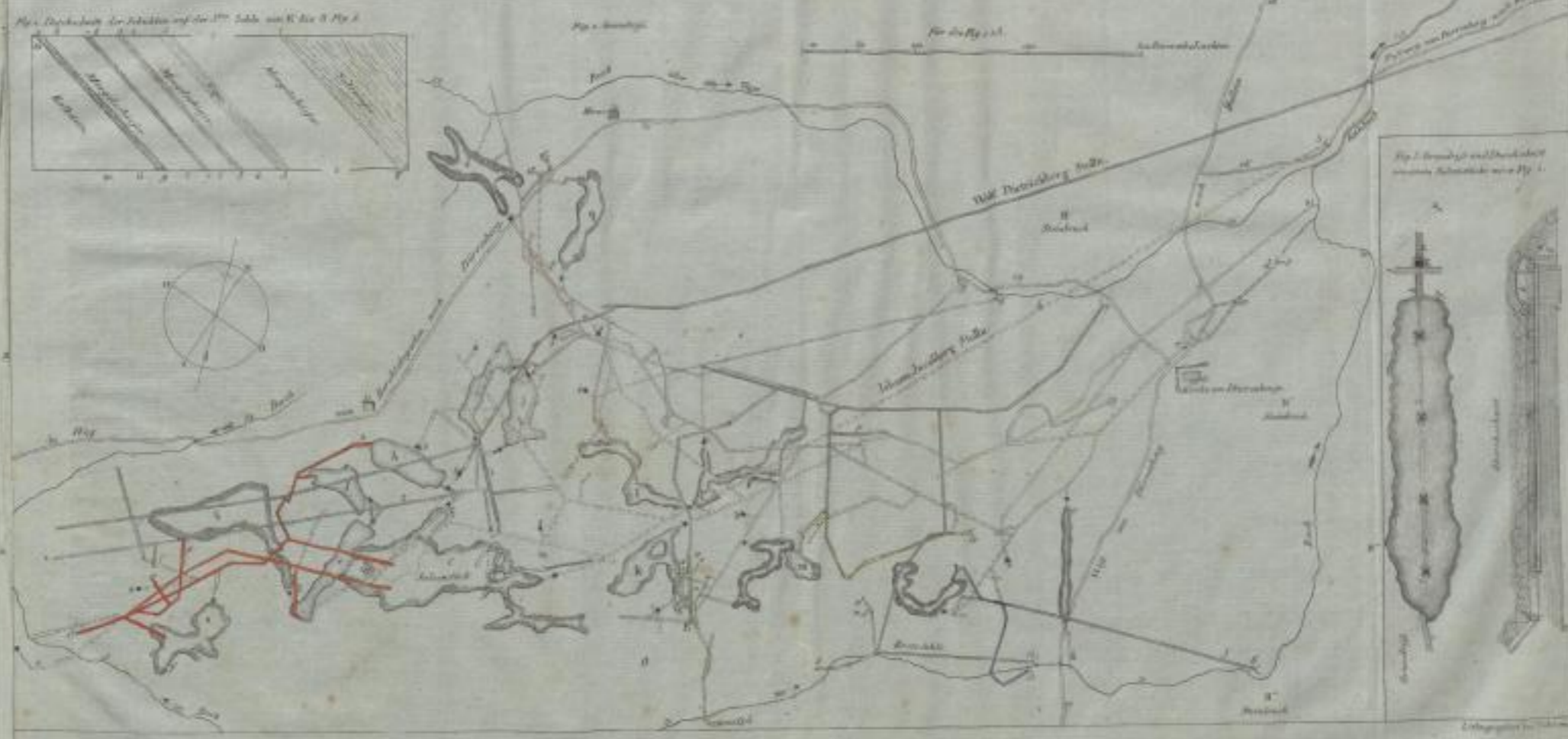
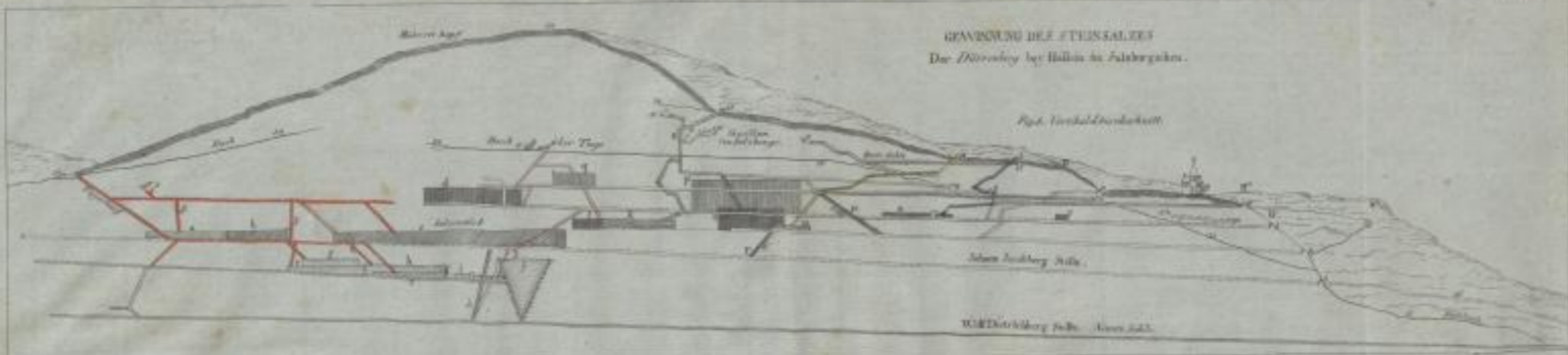








GEWINNUNG DES STEINSALZES  
Der Zisterney bey Hüllin in Salzbergwerken.



















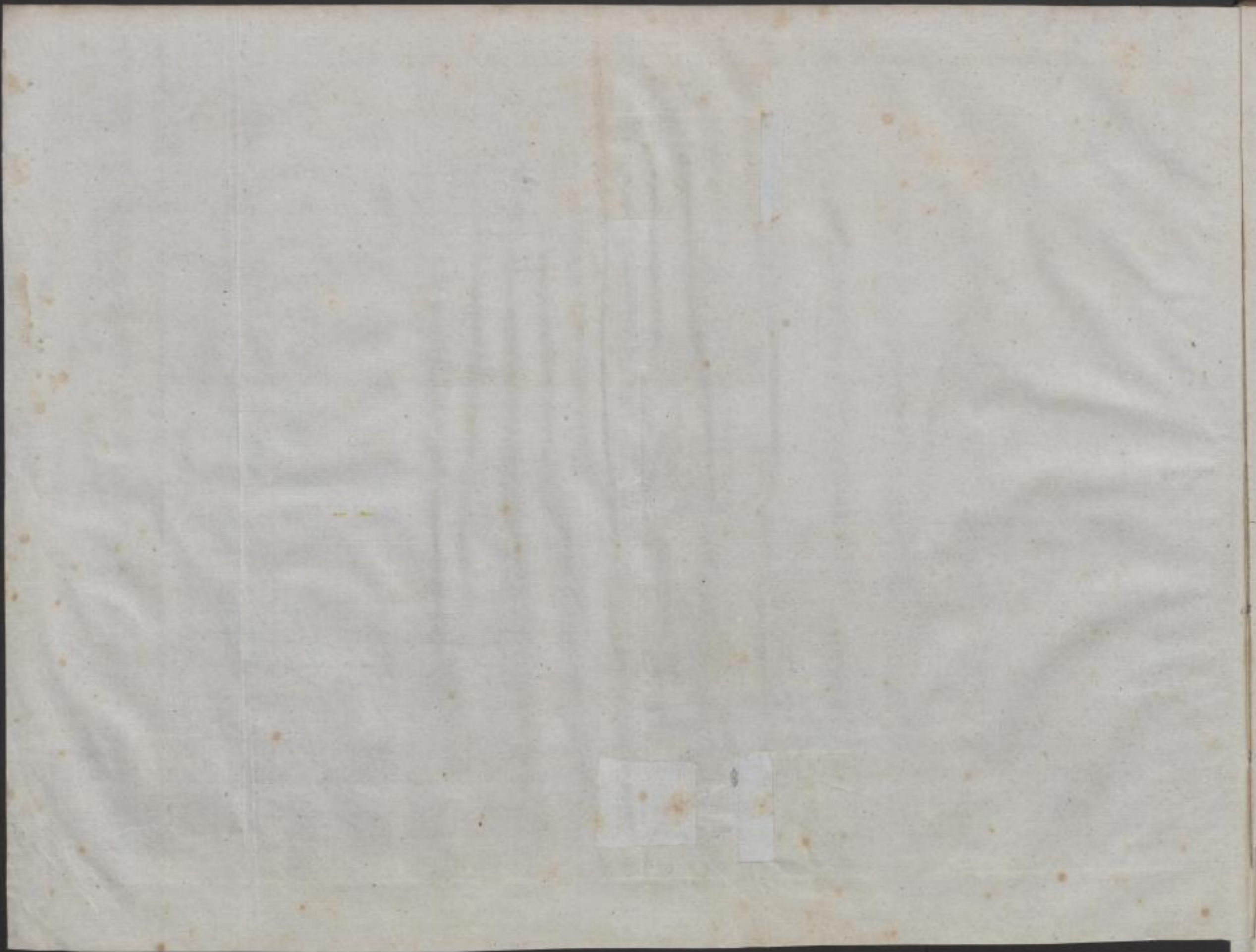




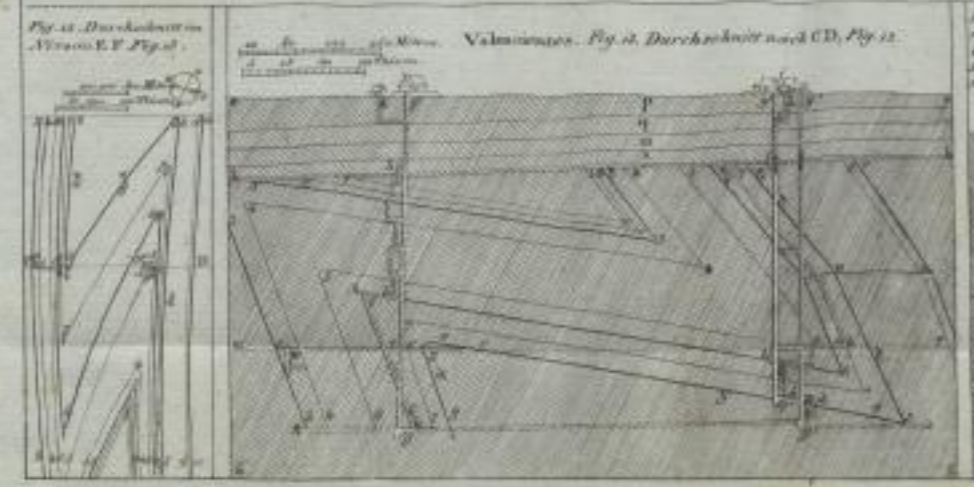
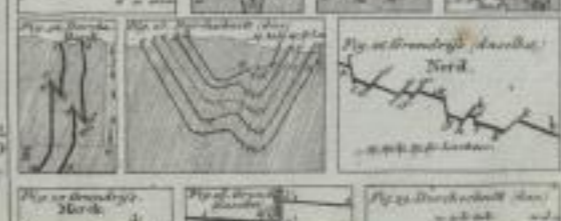
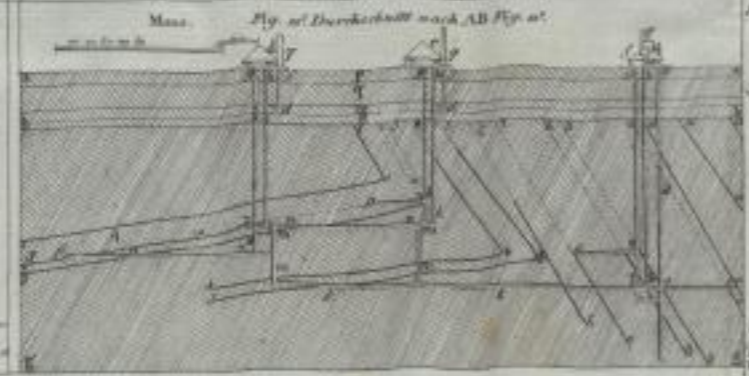
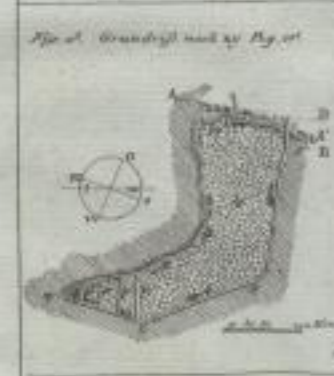
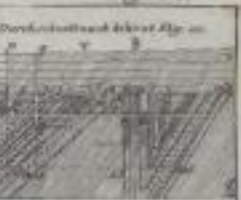
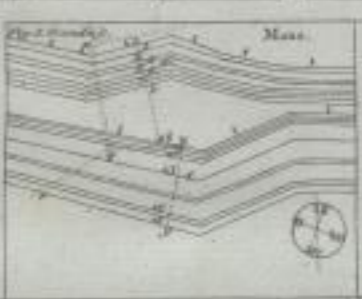
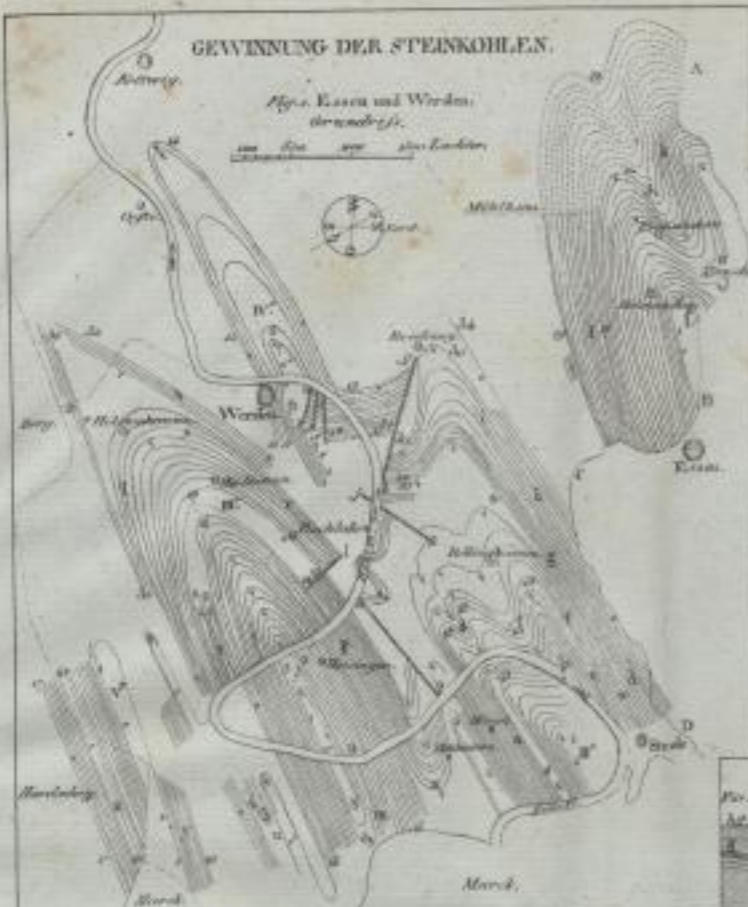








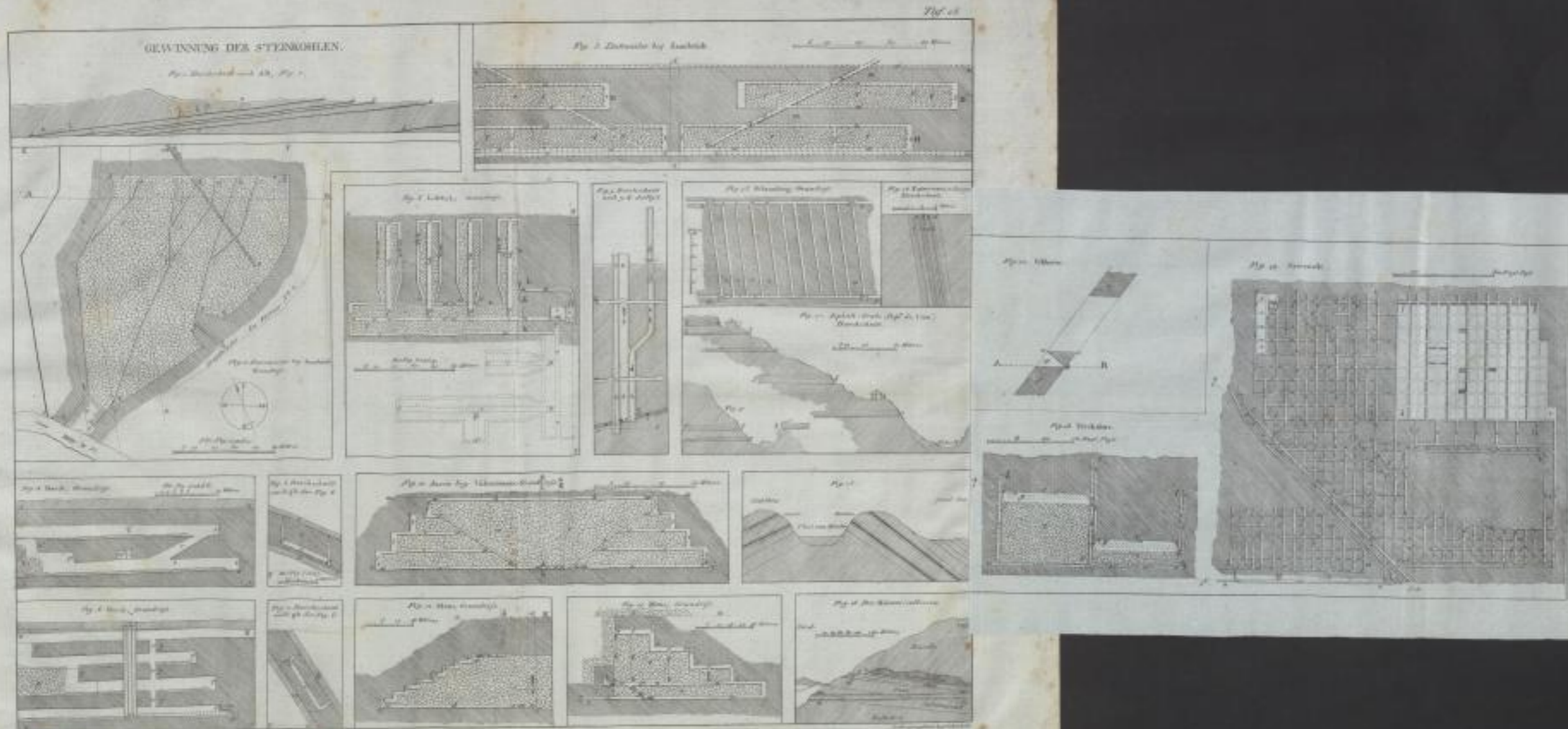


















GEWINNUNG DER STEINKOHLEN.

Die Flözgrube, in Schlesien.

Fig. 2. Durchschnitt nach der Linie AB Fig. 1.



Fig. 1. General Grundriß nach dem Linien ABC der Fig. 1.

Maaßstab für die Figuren 1 und 2.

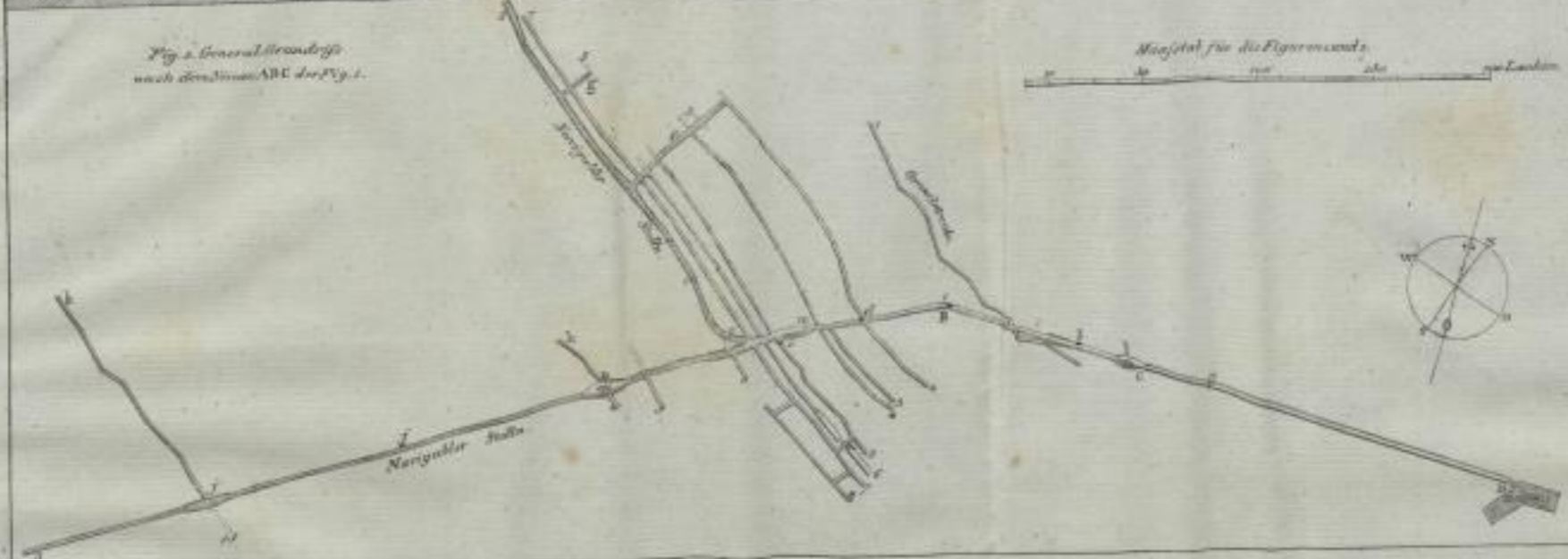
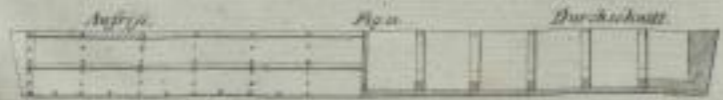
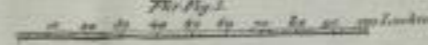
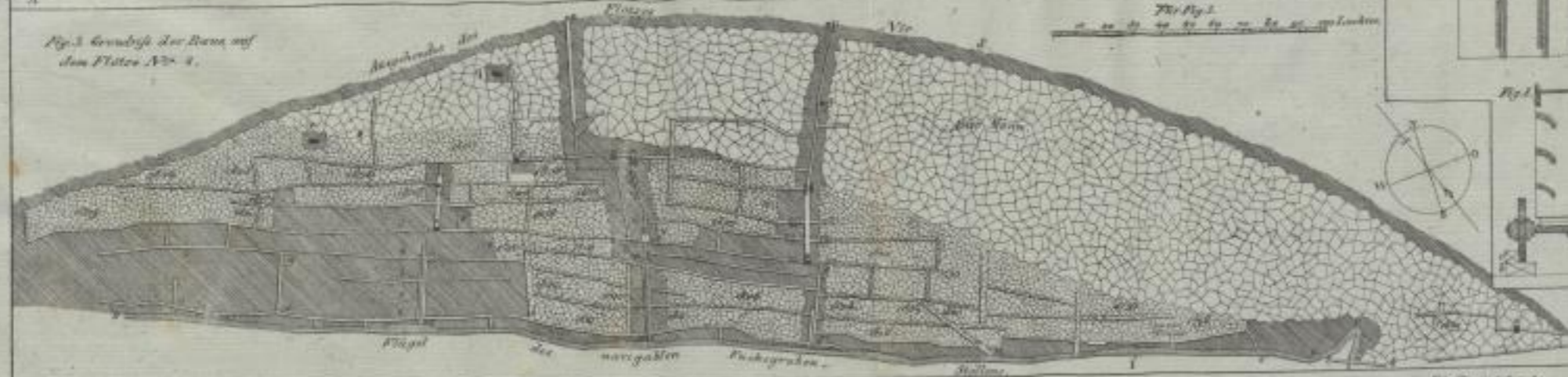
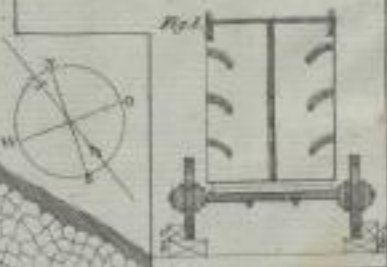
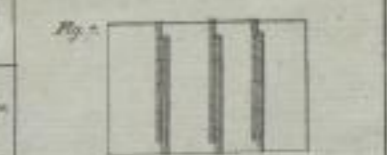
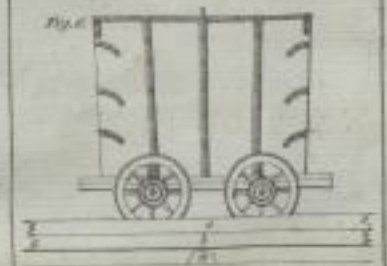
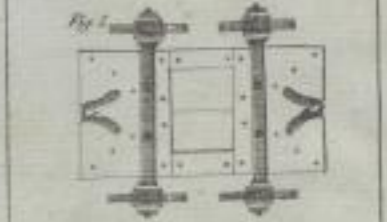
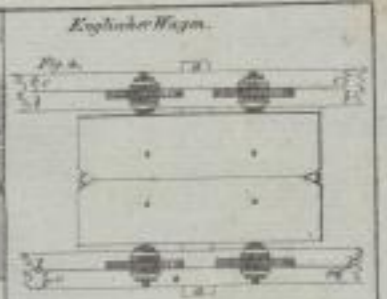
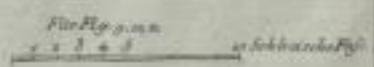


Fig. 3. Grundriß der Baue auf dem Flöze A-B-C-D.

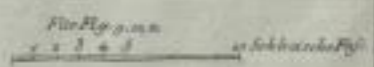
Maaßstab für die Figuren 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



Maaßstab für die Figuren 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



Maaßstab für die Figuren 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

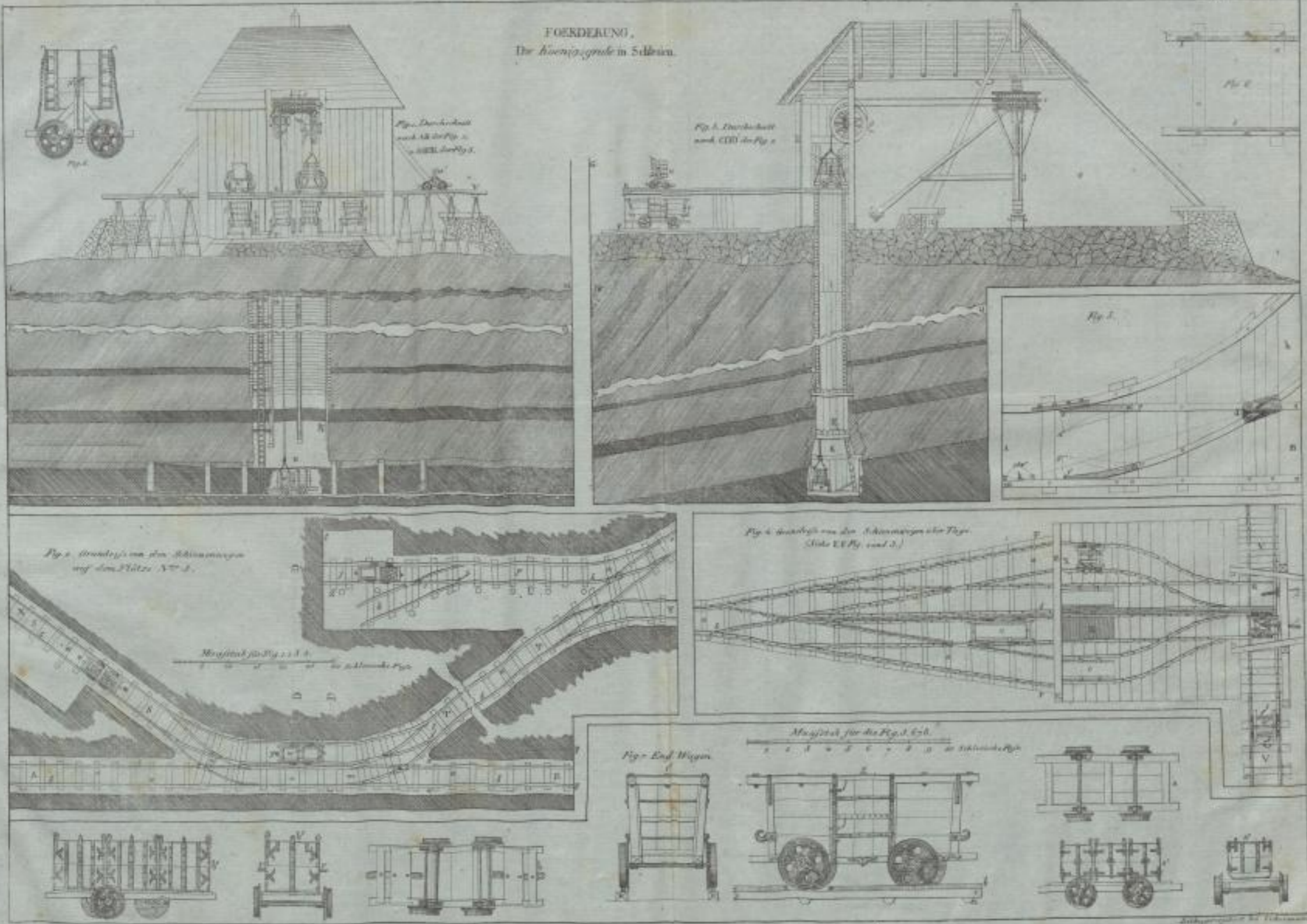








FOERDEUNG,  
Die Koenigsgrube in Sachsen.











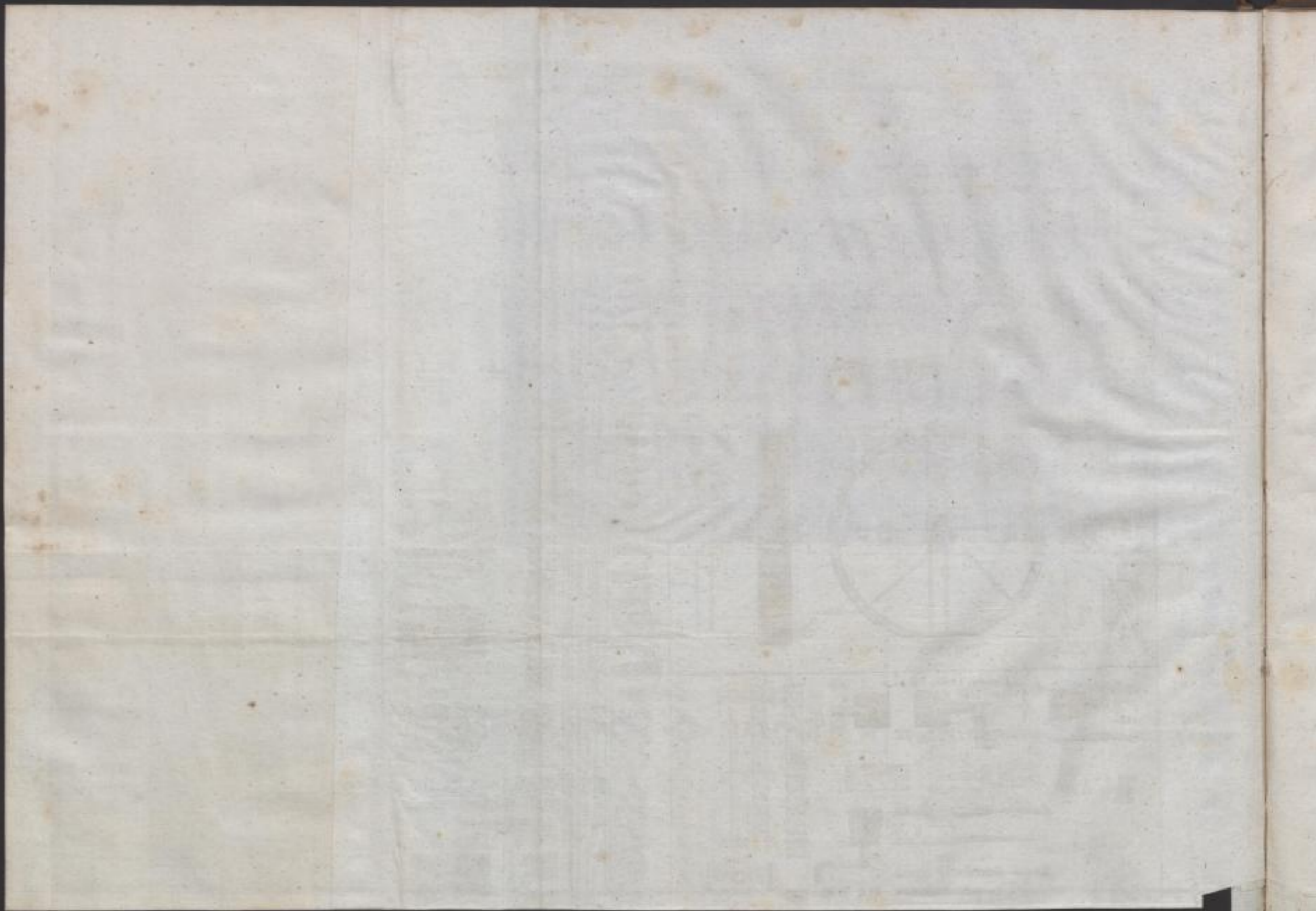






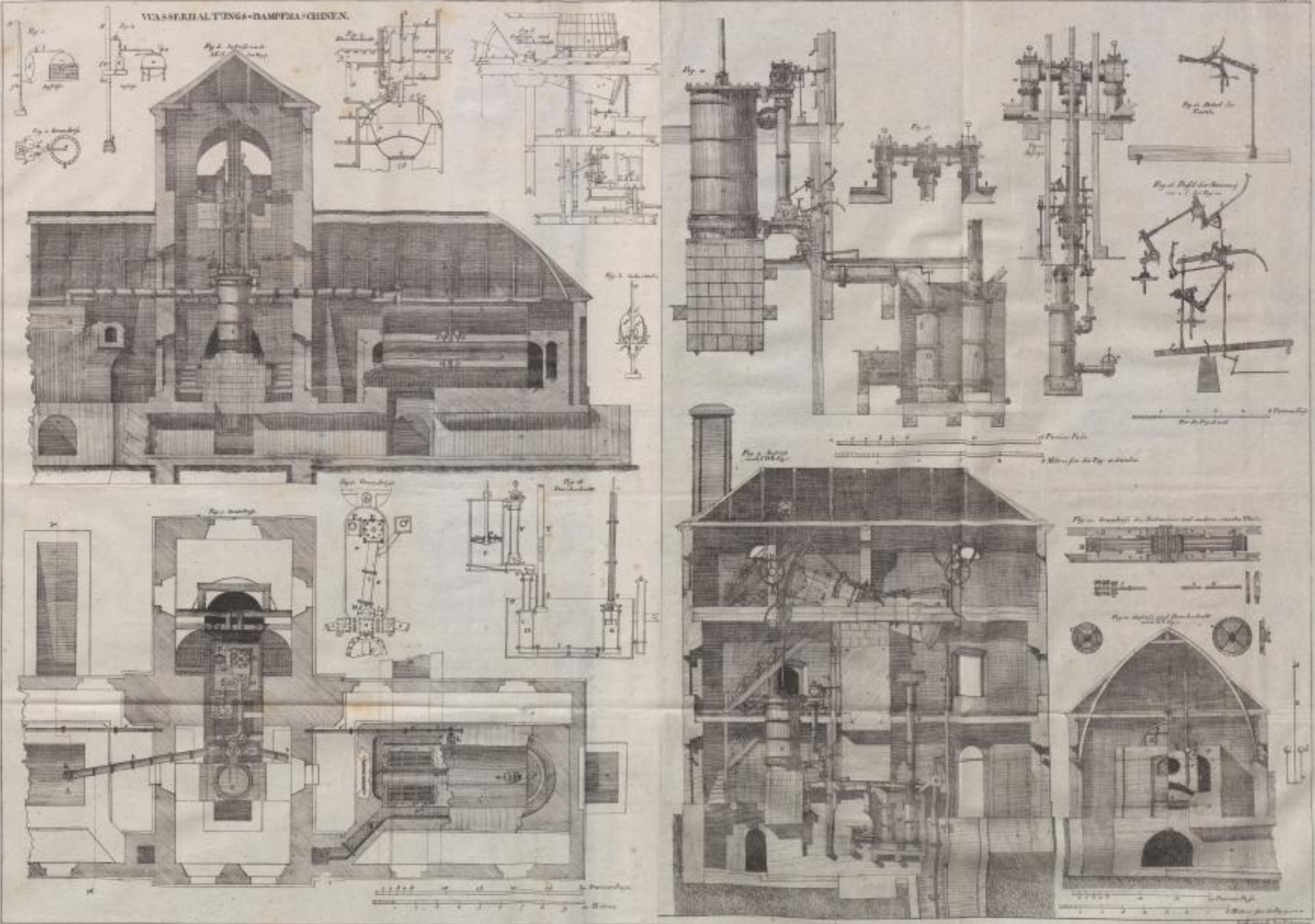




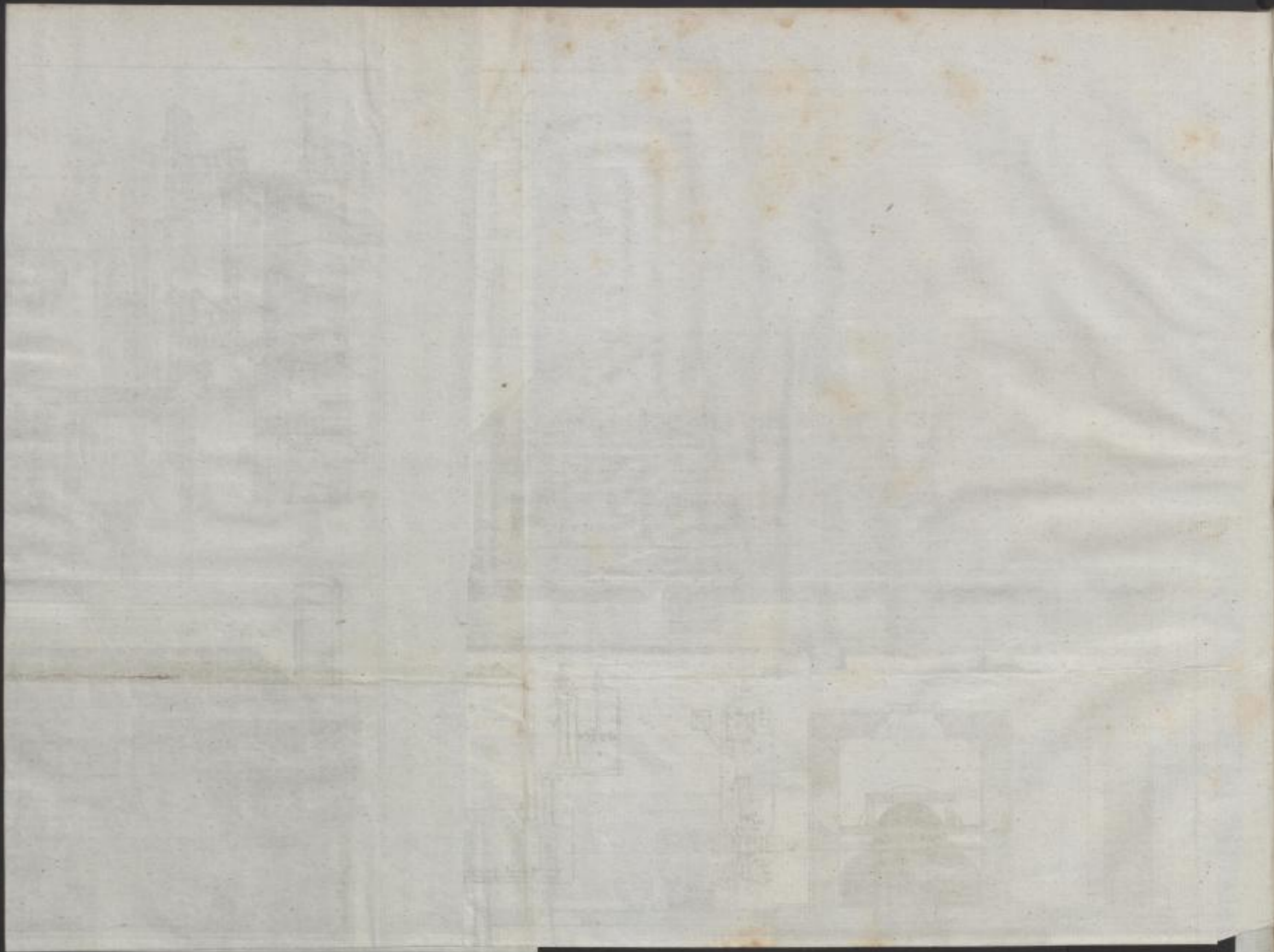




WASSERHALTUNGS-DAMPFMA-SCHENEN.









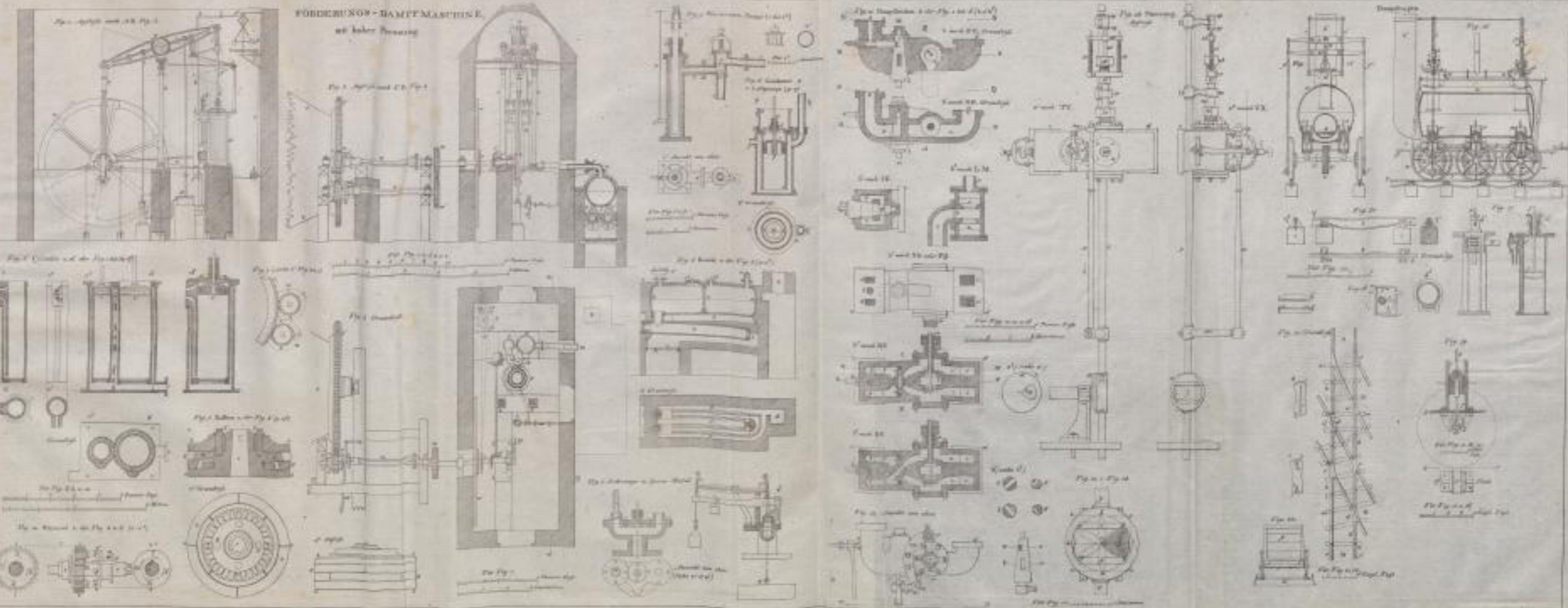








FÖRDERUNGS-DAMPF-MASCHINE  
mit hoher Drehung

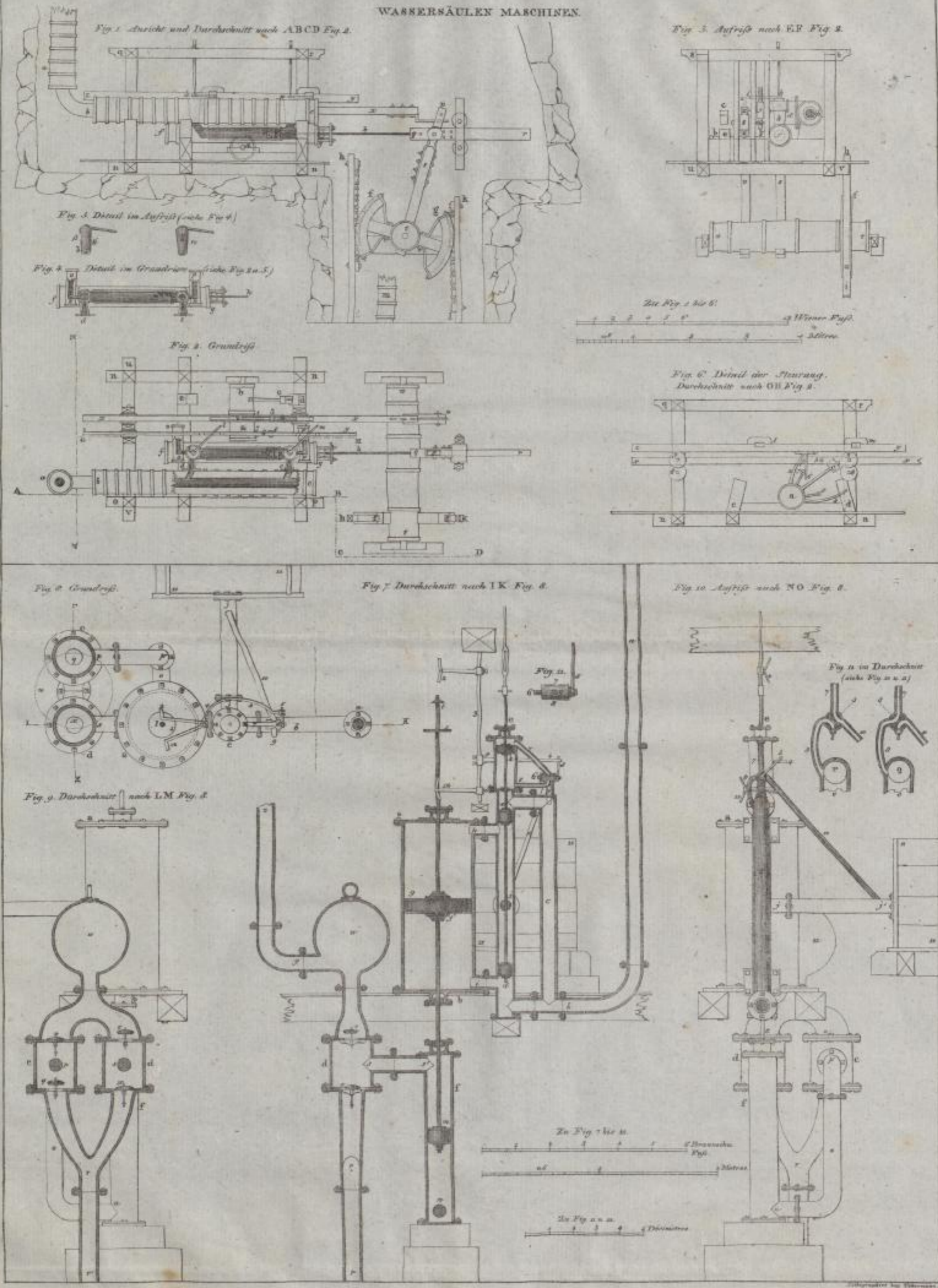








WASSERSÄULEN MASCHINEN.



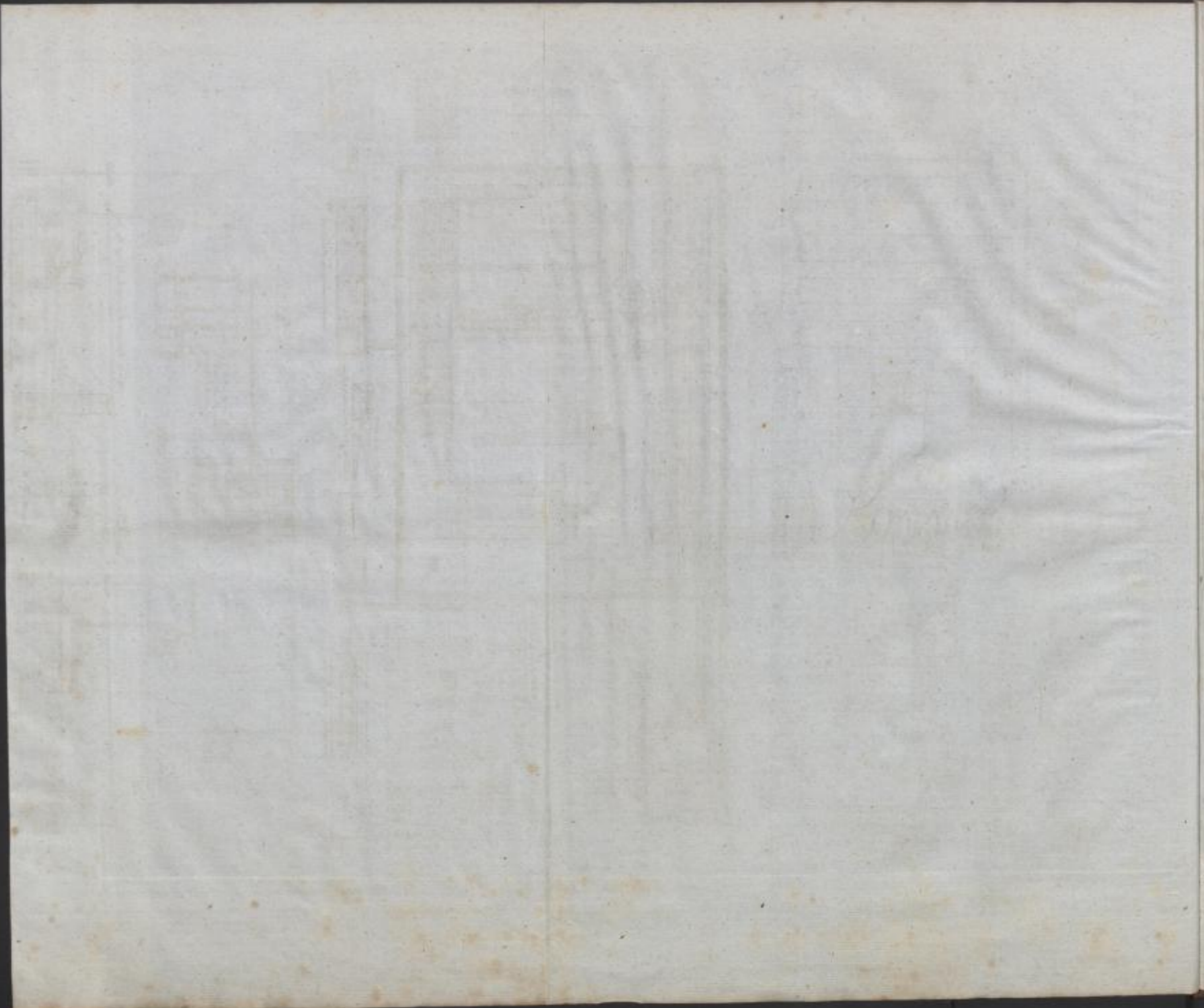














AUFBEREITUNG DER ERZE.

Fig. 1. Waschherd.  
Handarbeit.

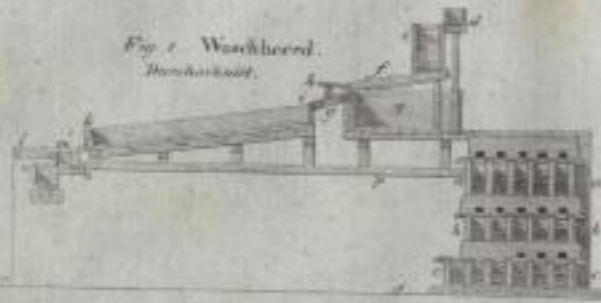
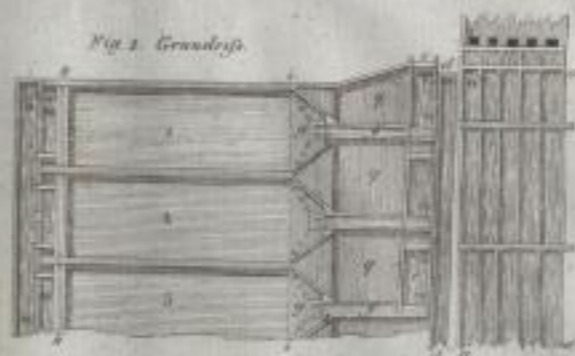


Fig. 2. Grundriss



Für Fig. 4, 5, 6.

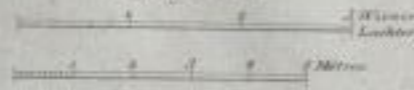


Fig. 3. Reibegatter.  
Abtrieb



Für die Fig. 4 u. 5.

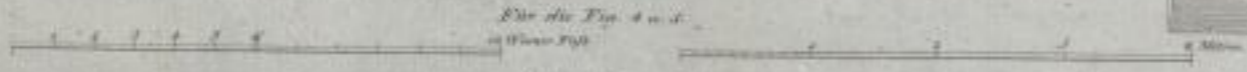


Fig. 4. Grundriss

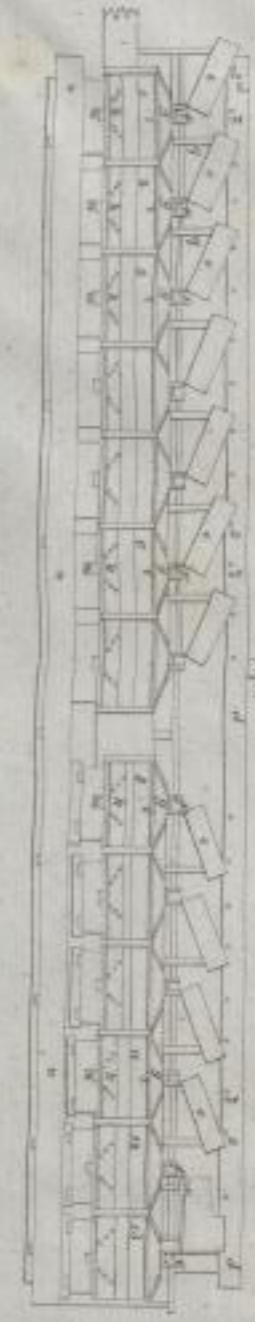
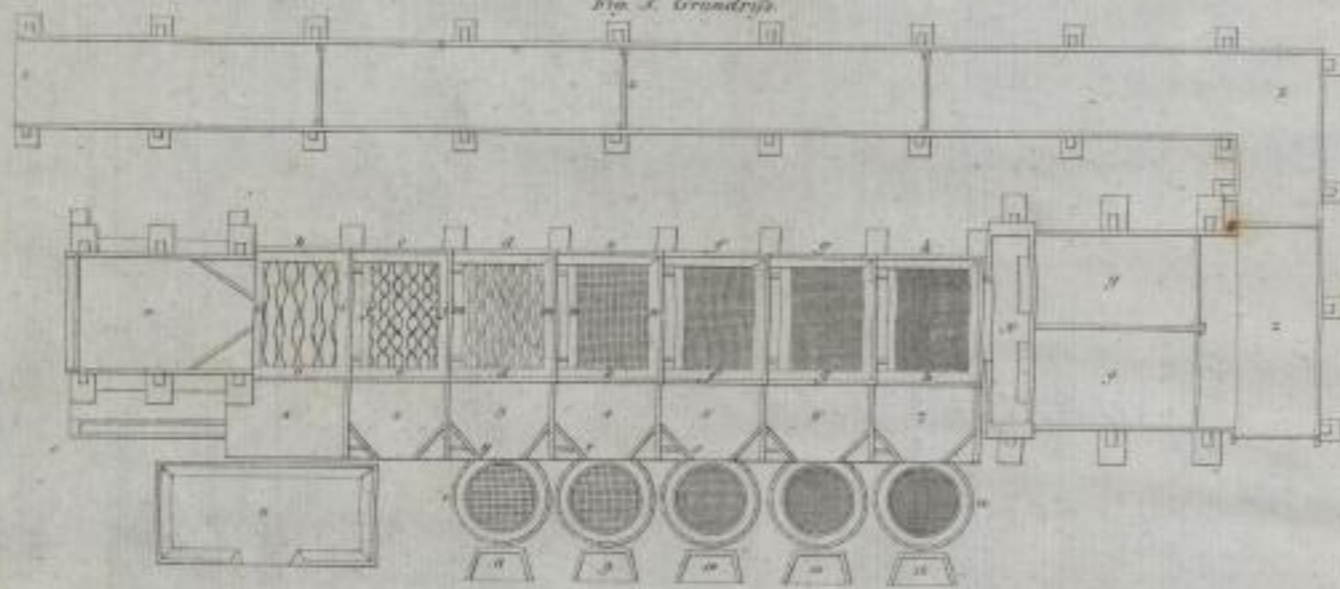
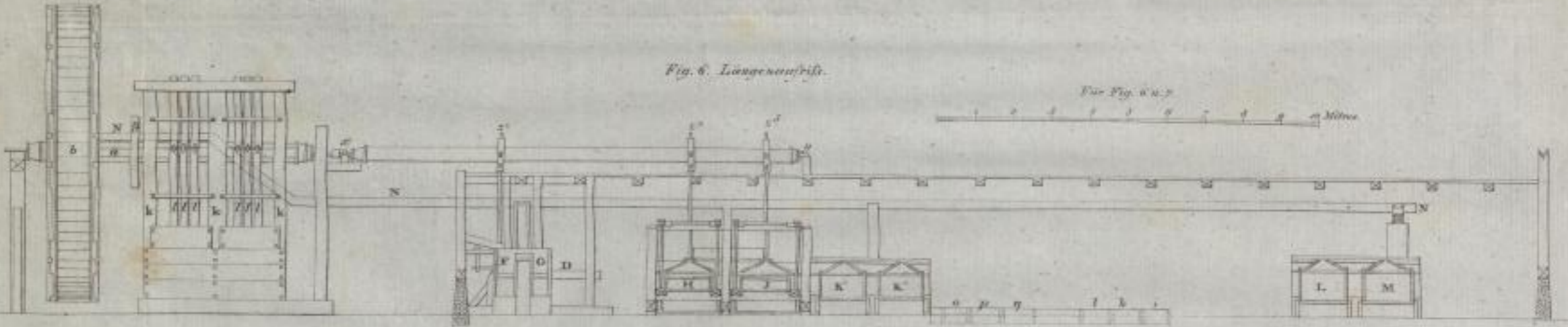


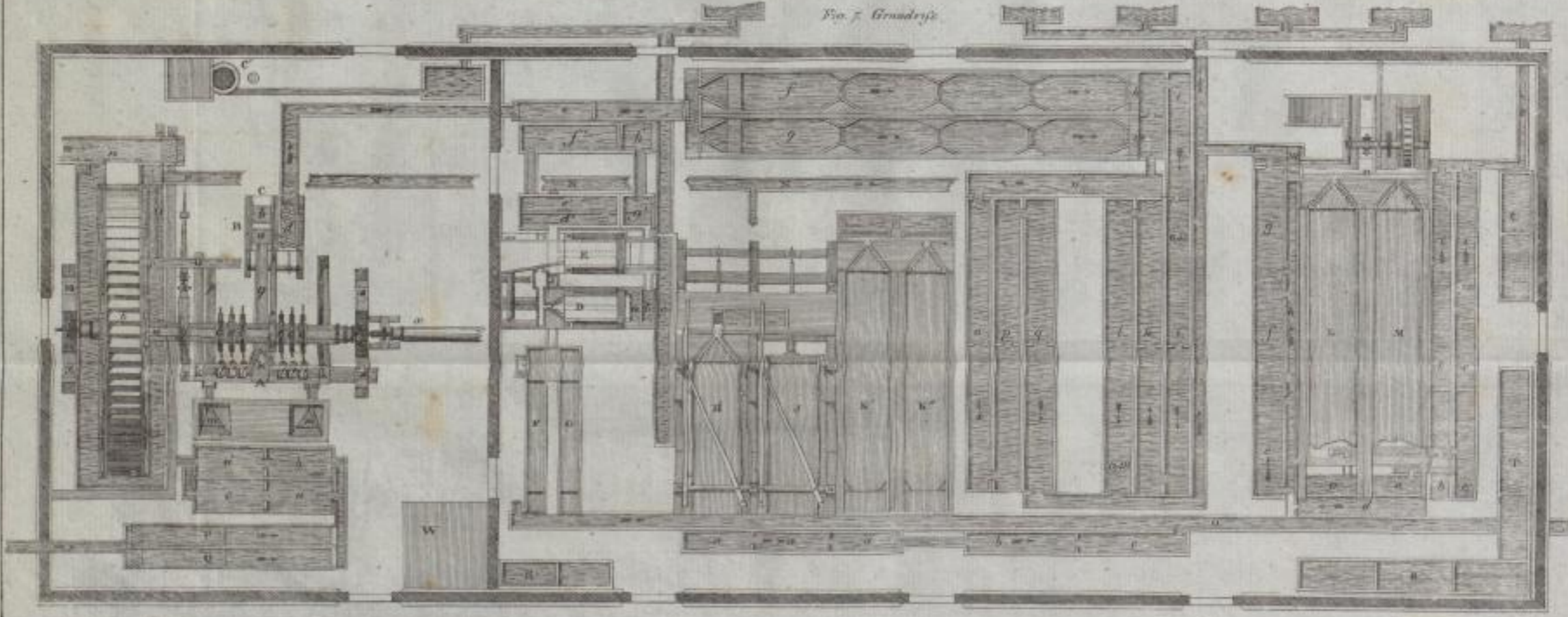
Fig. 6. Längenschnitt

Für Fig. 6 u. 7



Erzwäsche.

Fig. 7. Grundriss



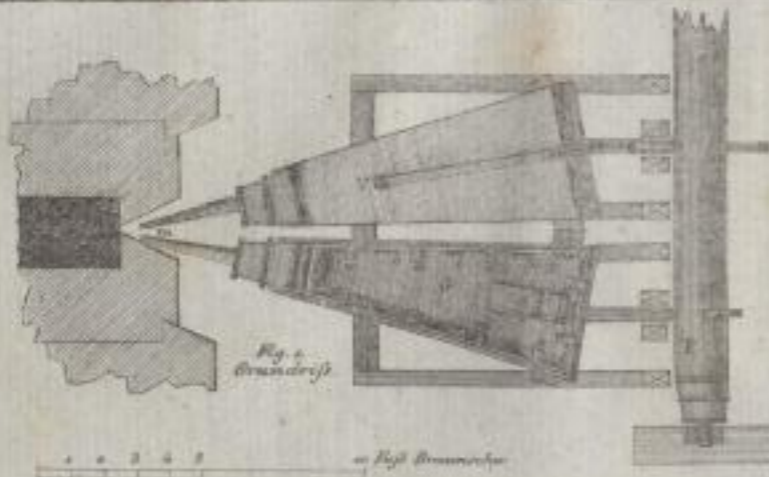
Lithographie von Klotzmann.



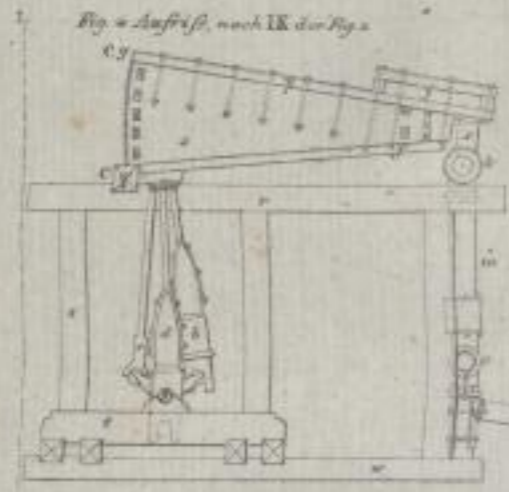
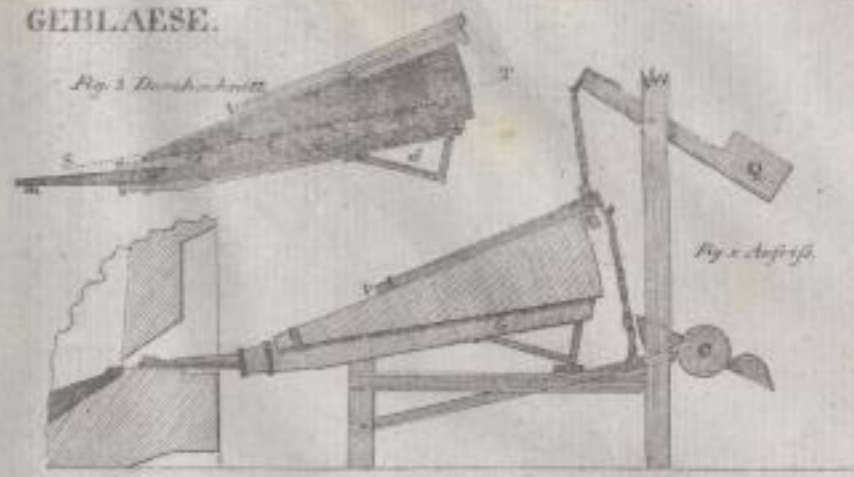




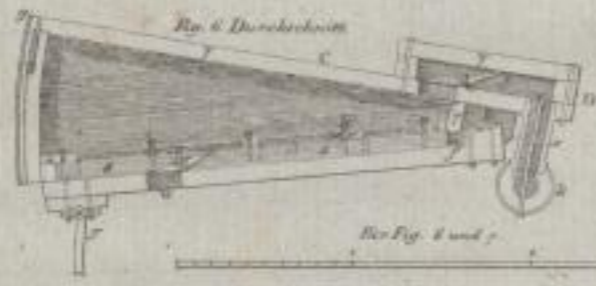
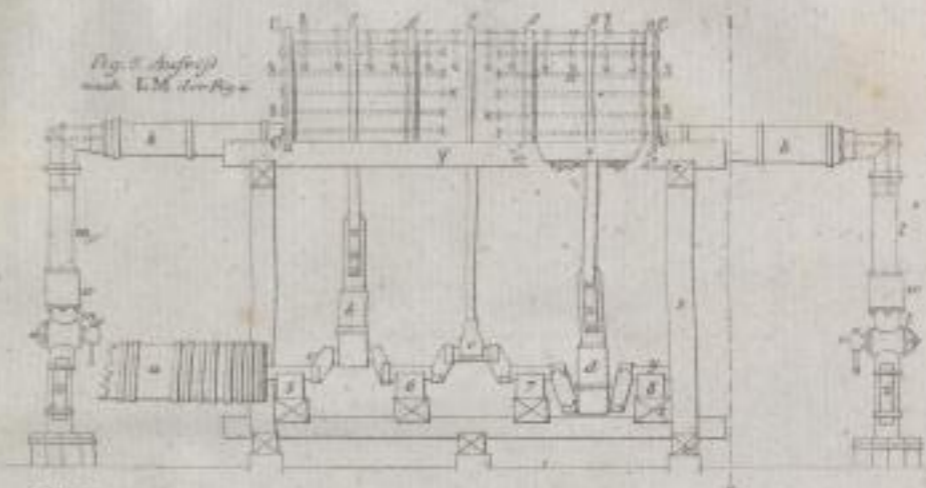
GEBLAESE.



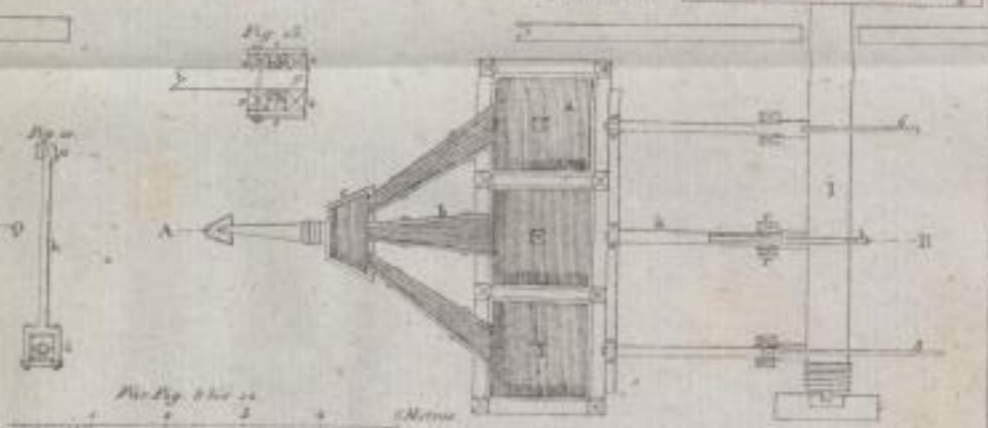
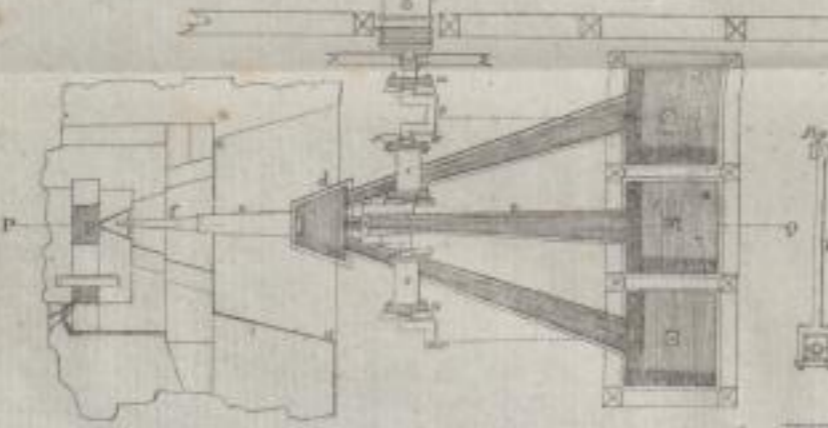
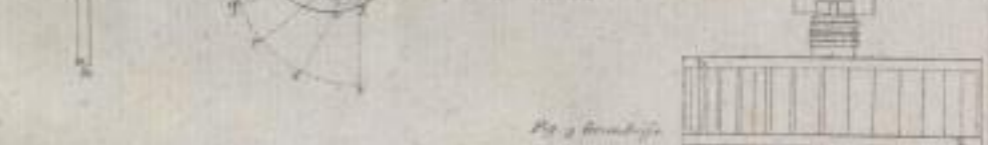
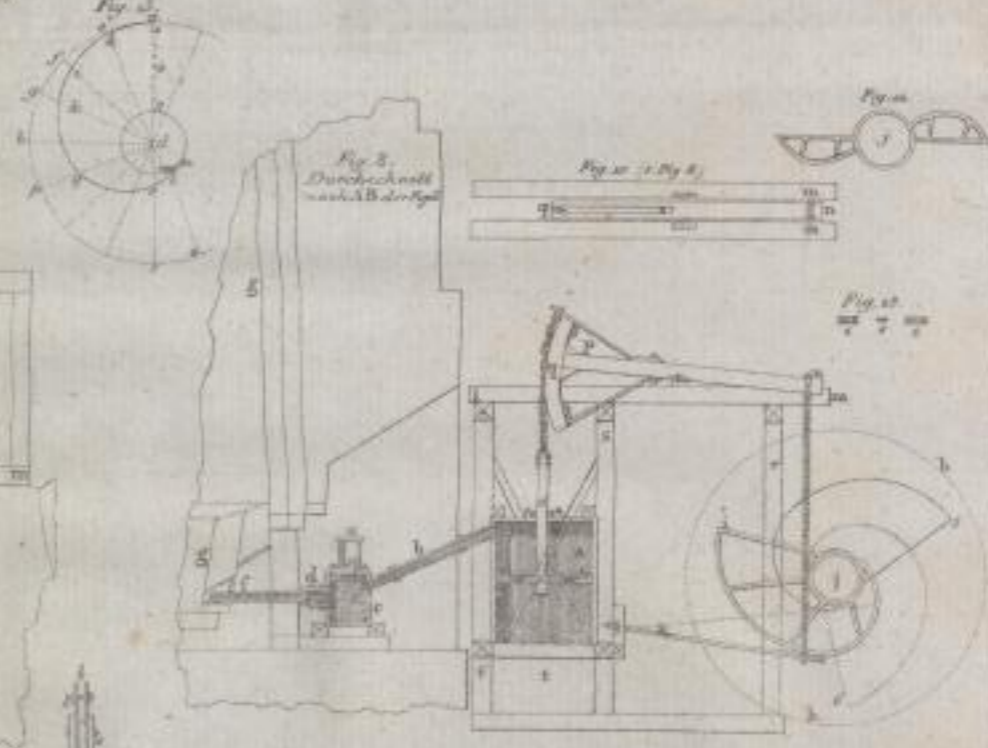
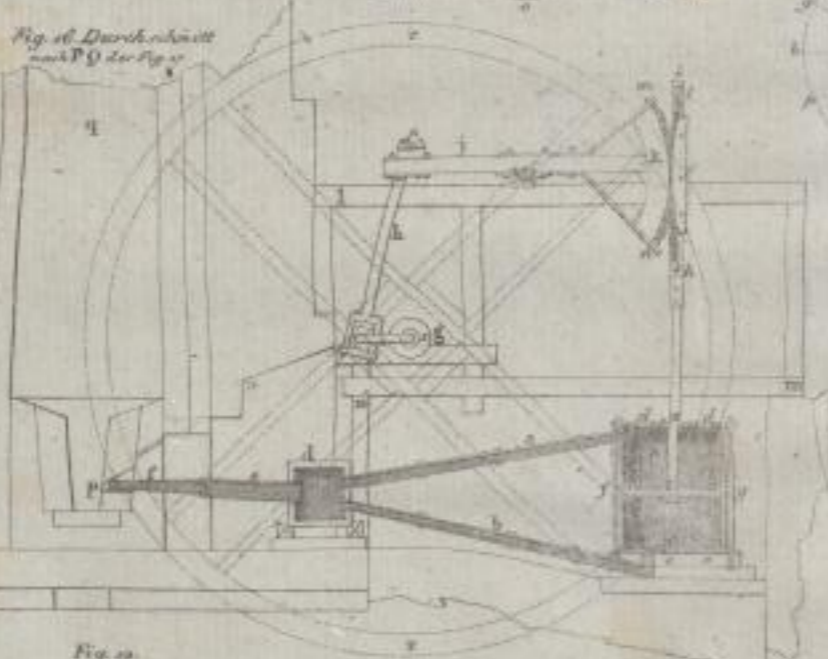
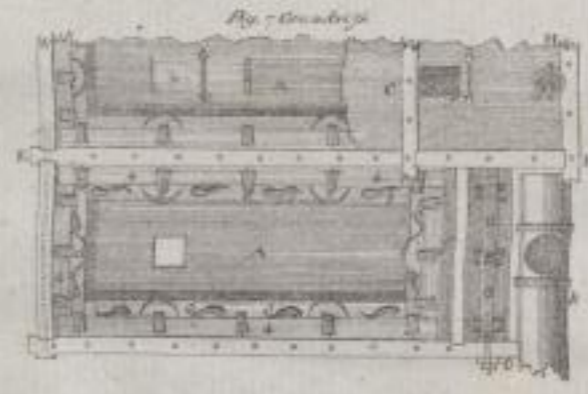
in Fuß Dimensionen



in Schindeln Fuß



in Meter



in Meter

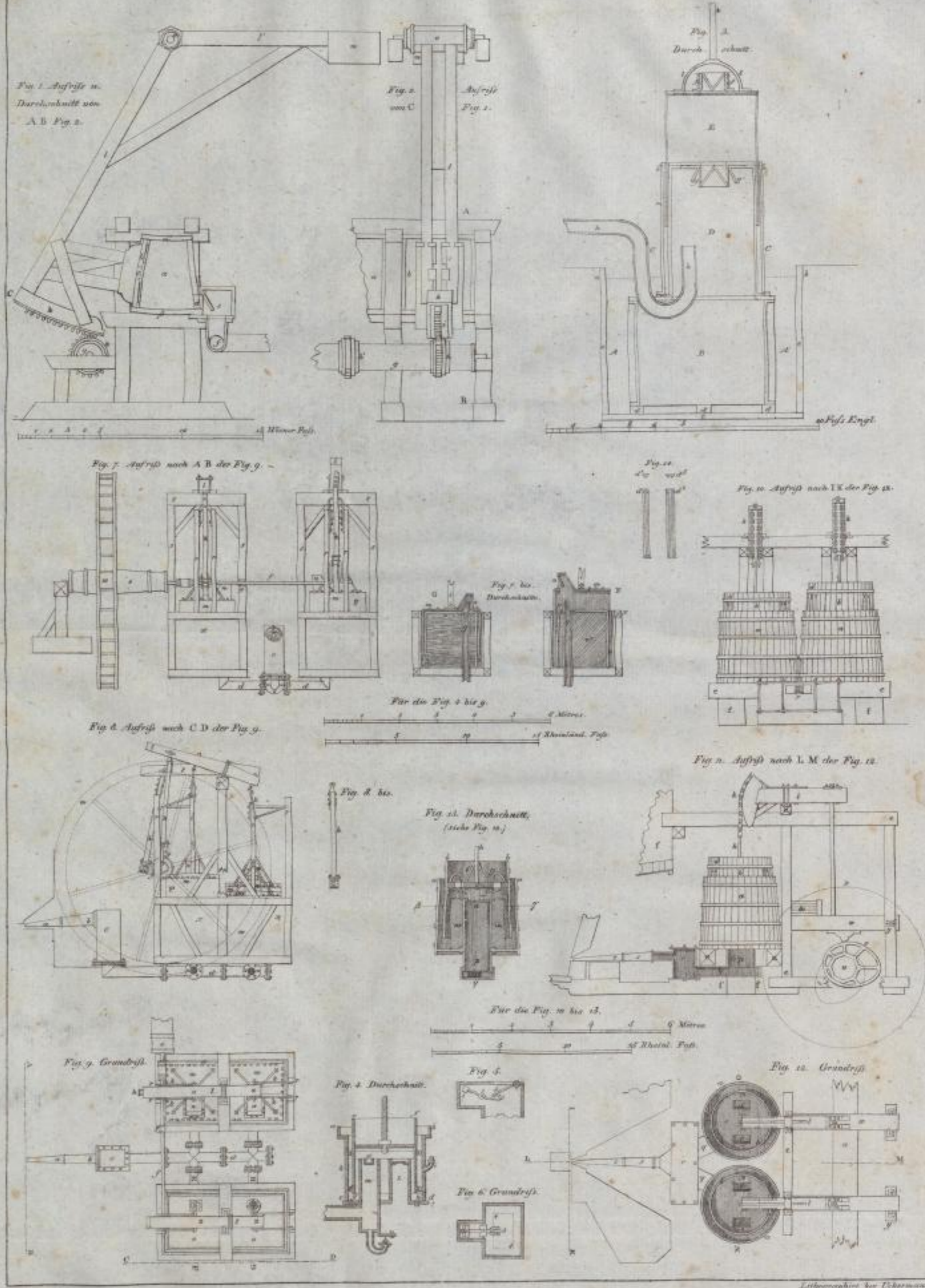
Lithograph von Thiemann







GEBLAESE.



Lithographie von Uebermann.



Taf. 23

Fig. 1

GEBL. A. SE.

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

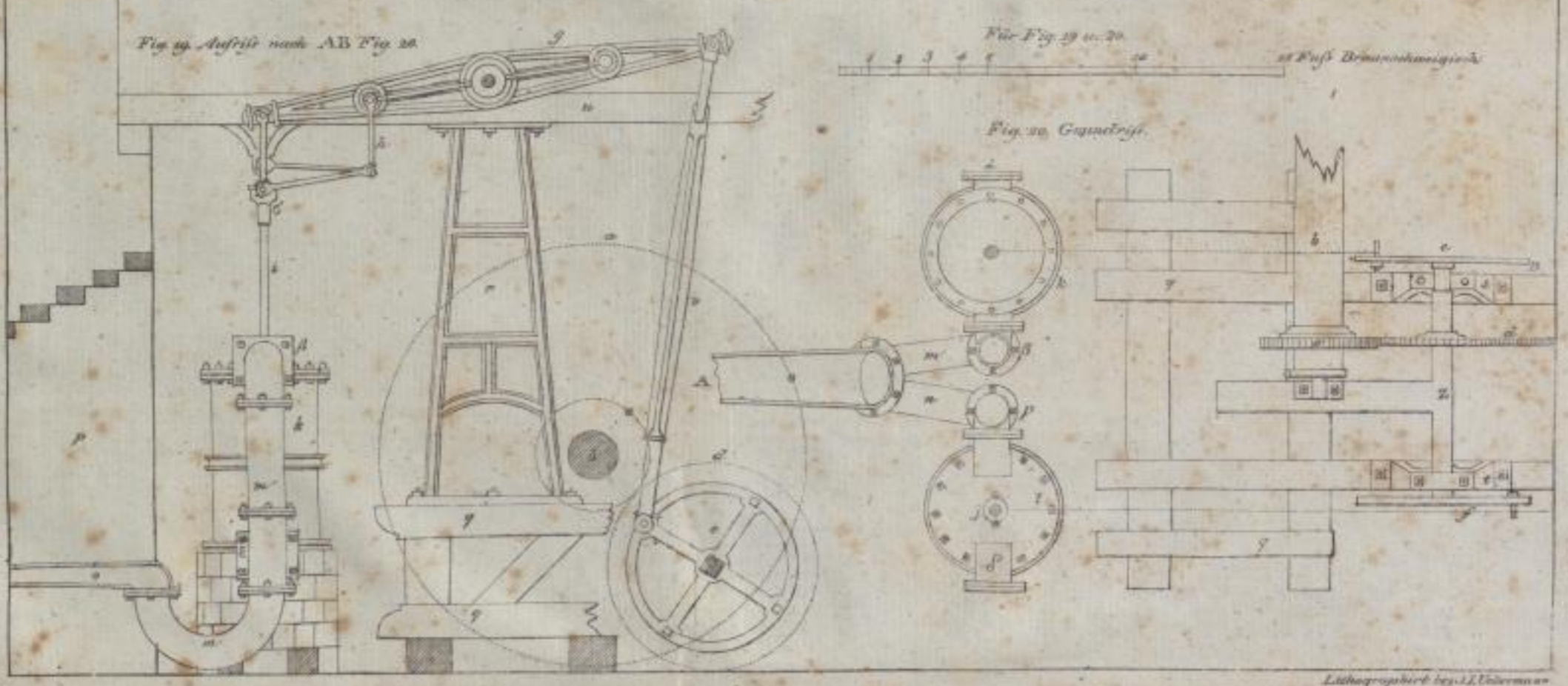
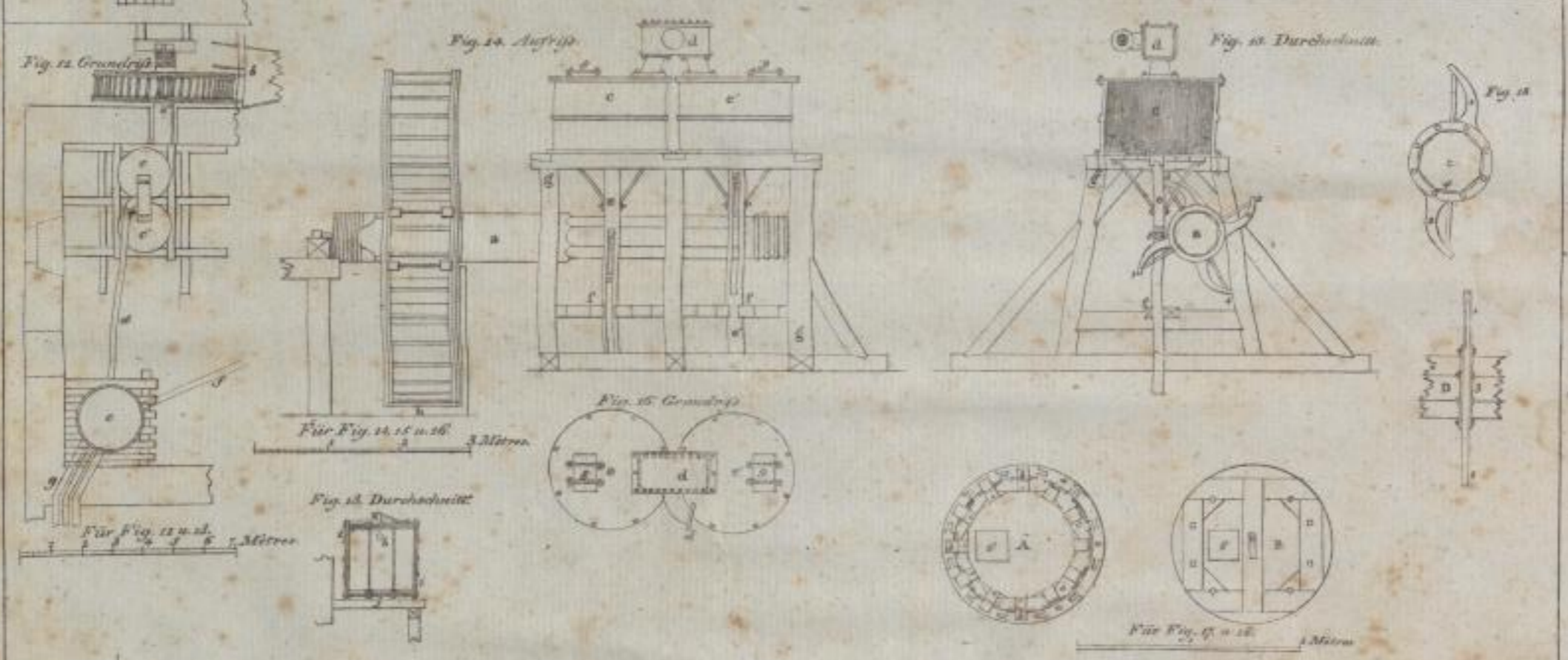
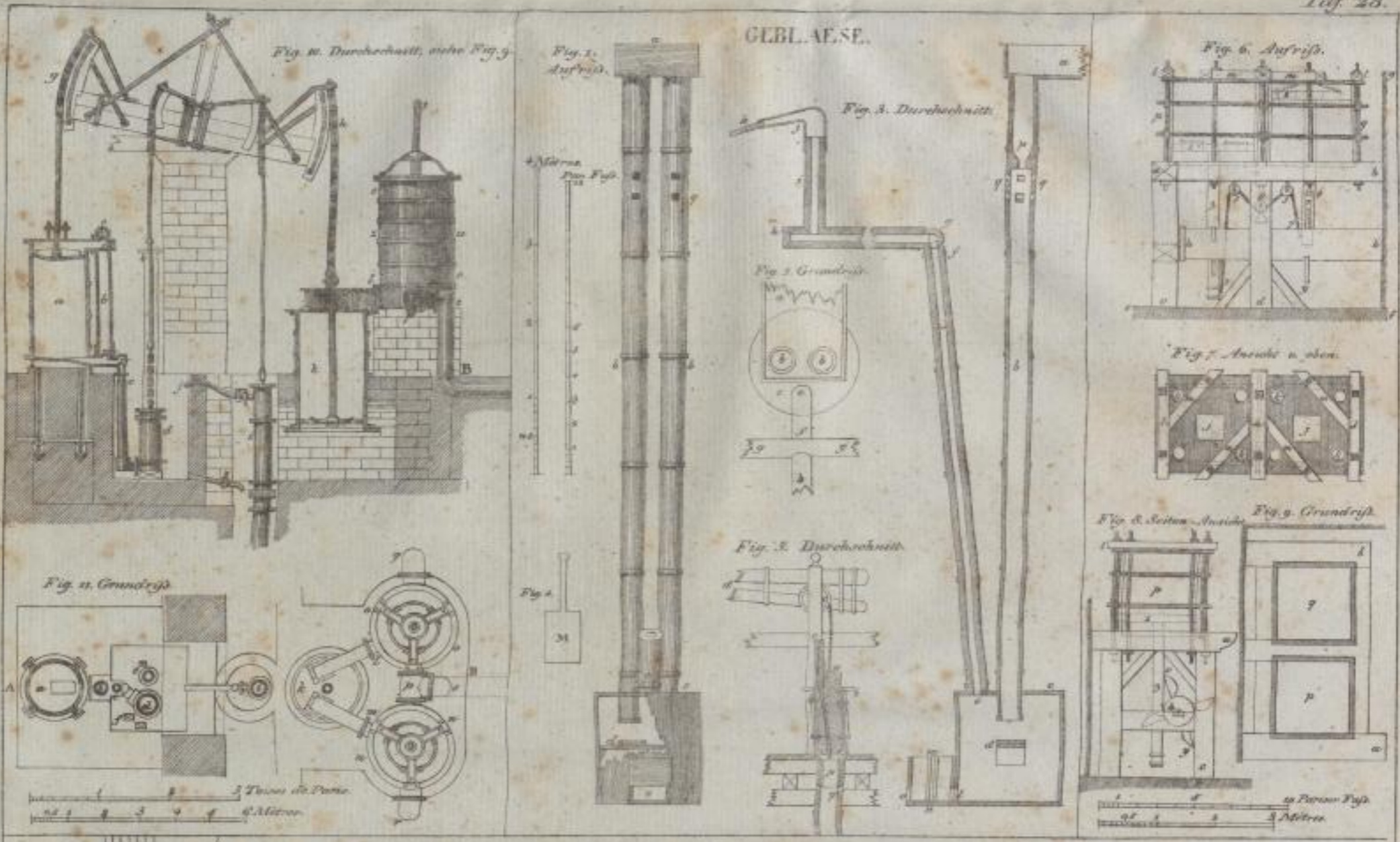
Fig. 7

Fig. 8

Fig. 9

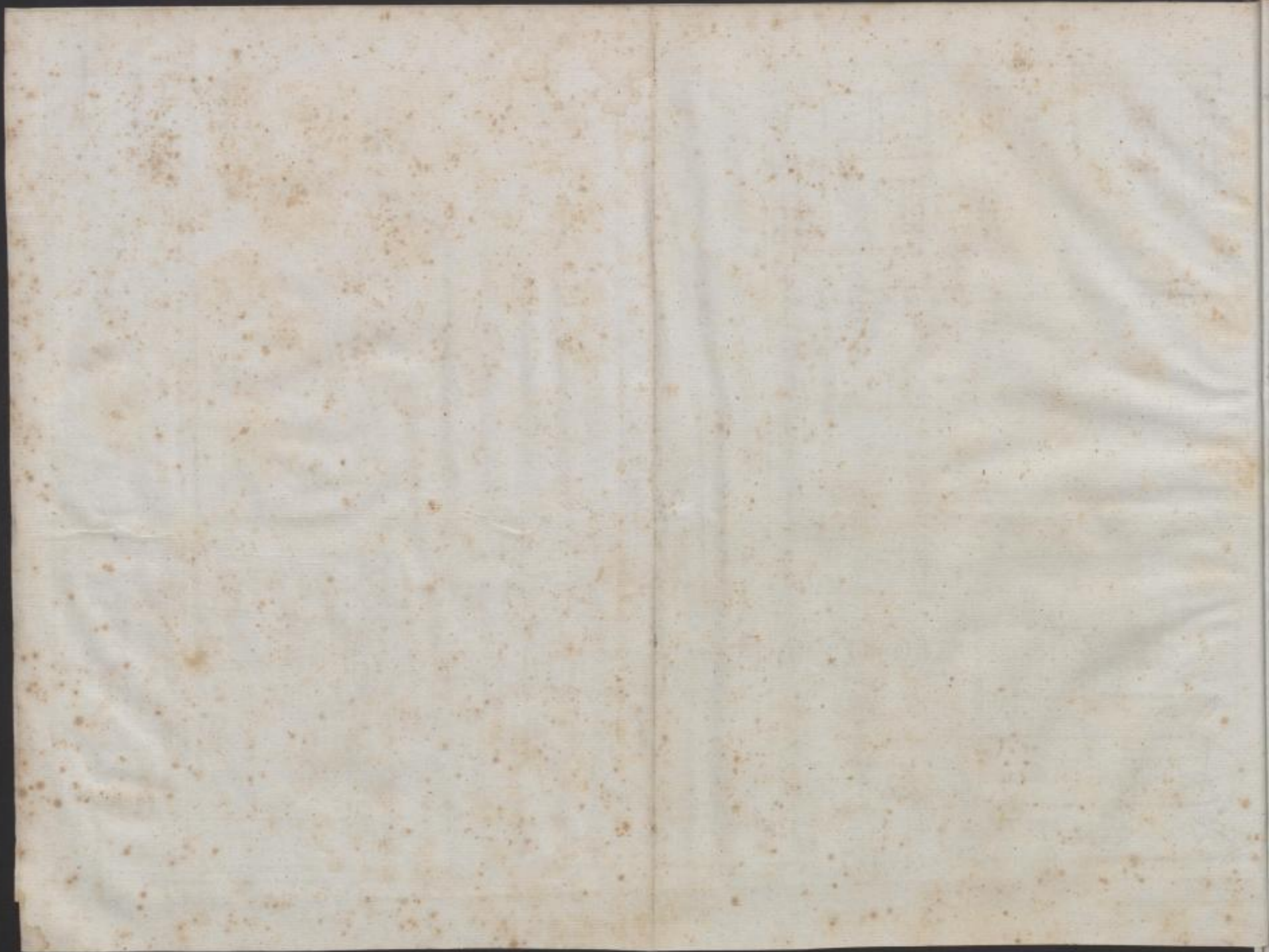


GLBLÄSE.



Lithographirt bey J. J. Neumann







GEBLÄSE

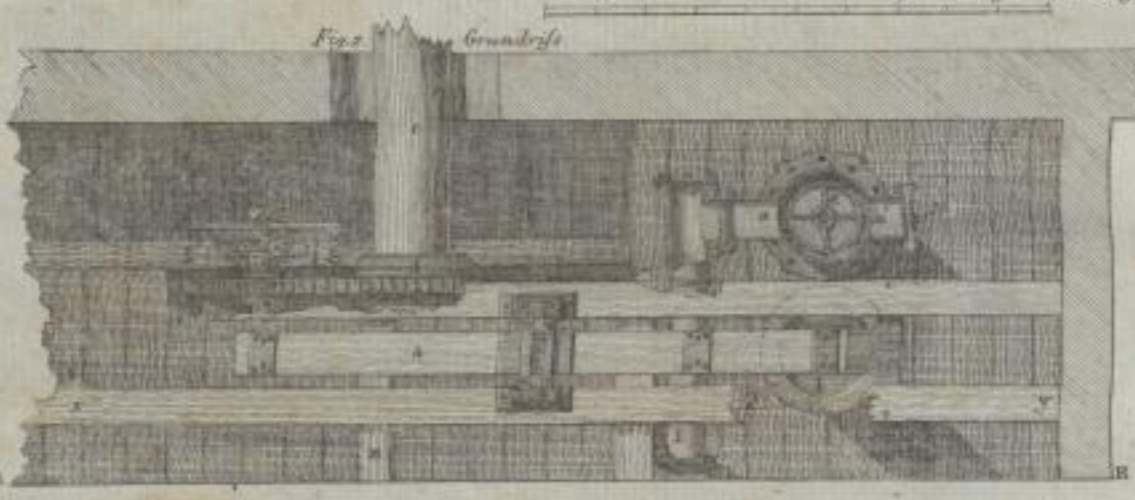
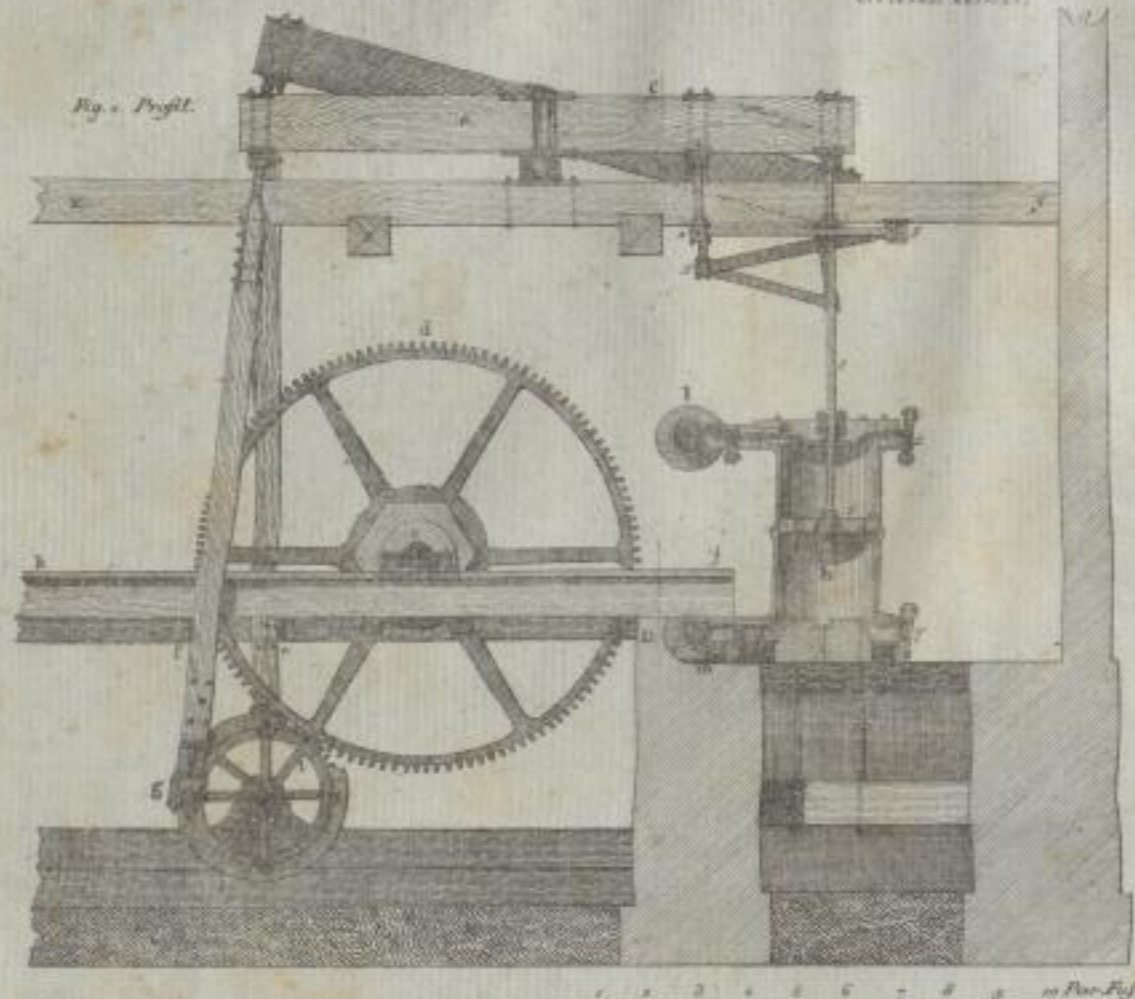
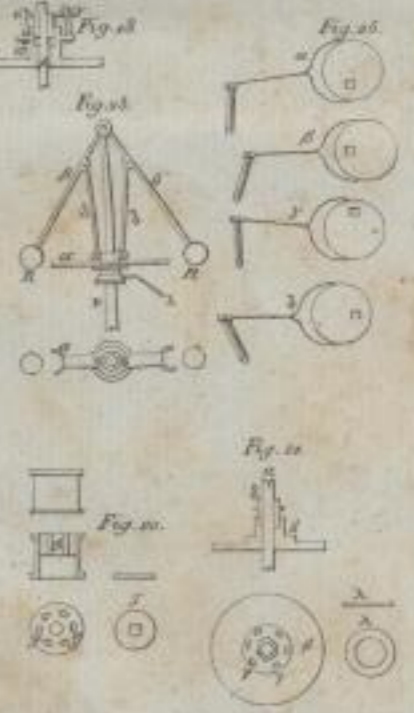
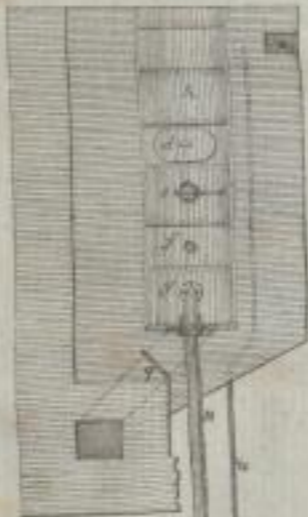
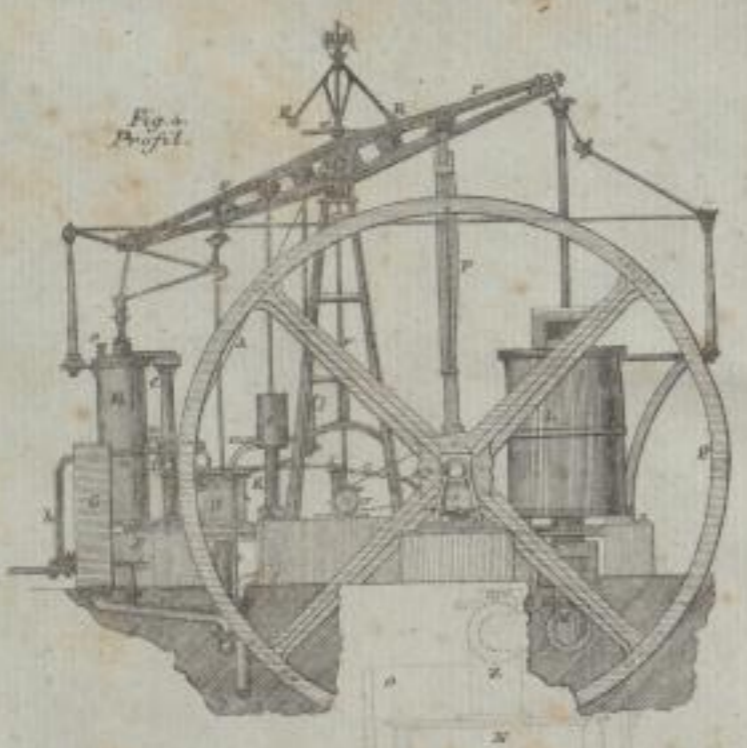
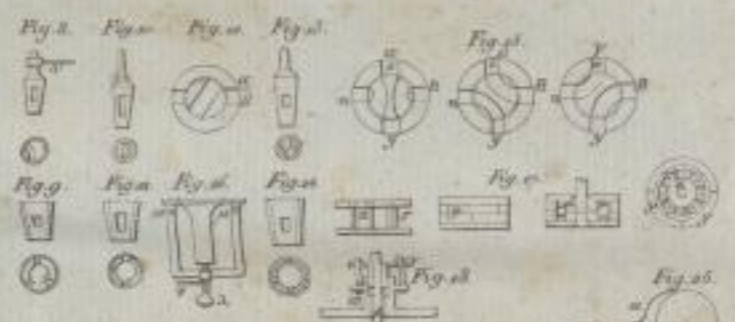
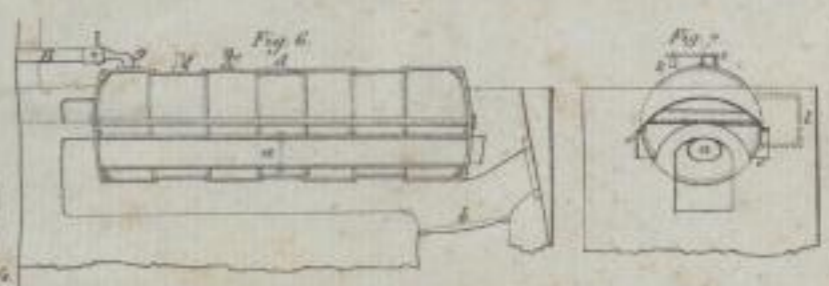
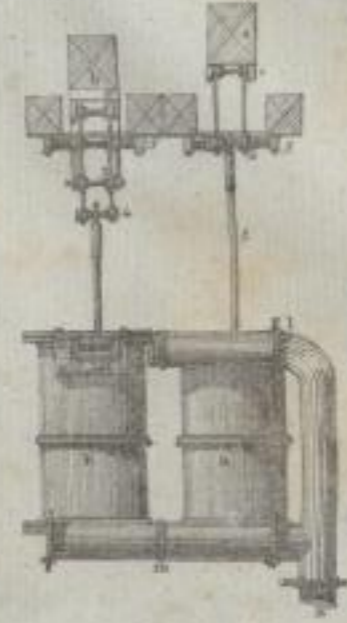
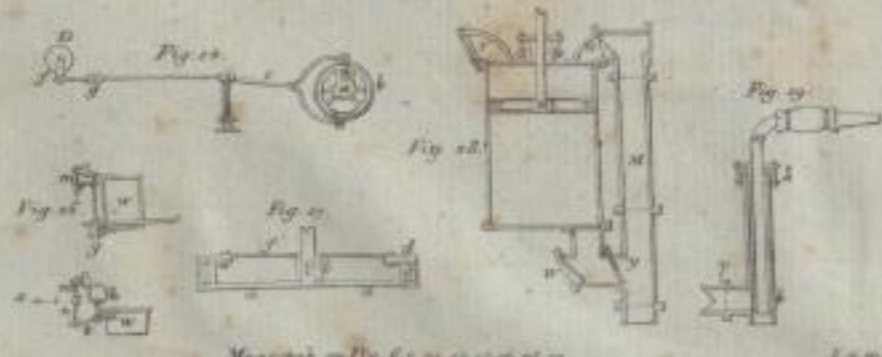


Fig. 3 Aufsicht nach C D der Fig. 1



Für Fig. 4 und 5

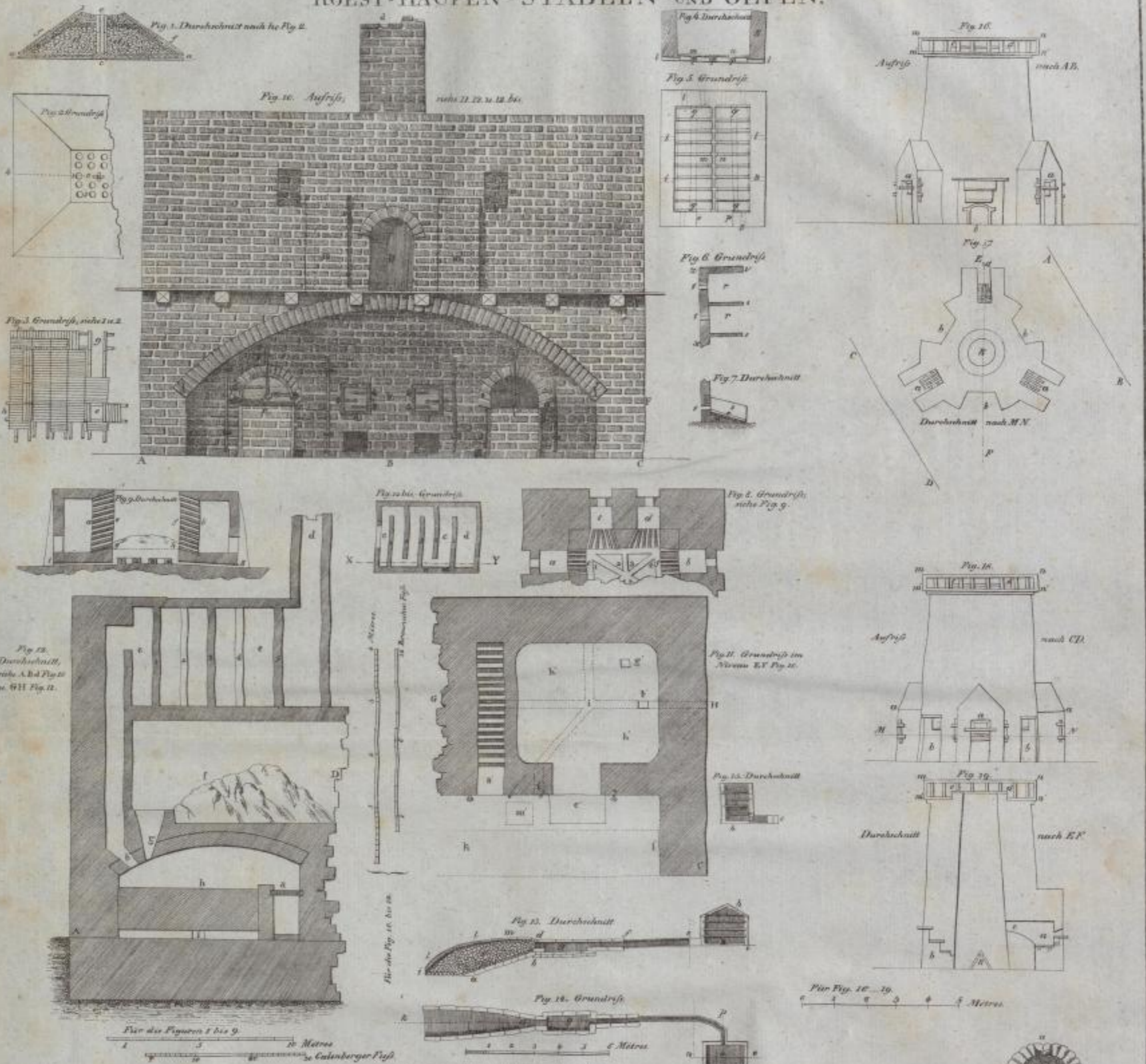




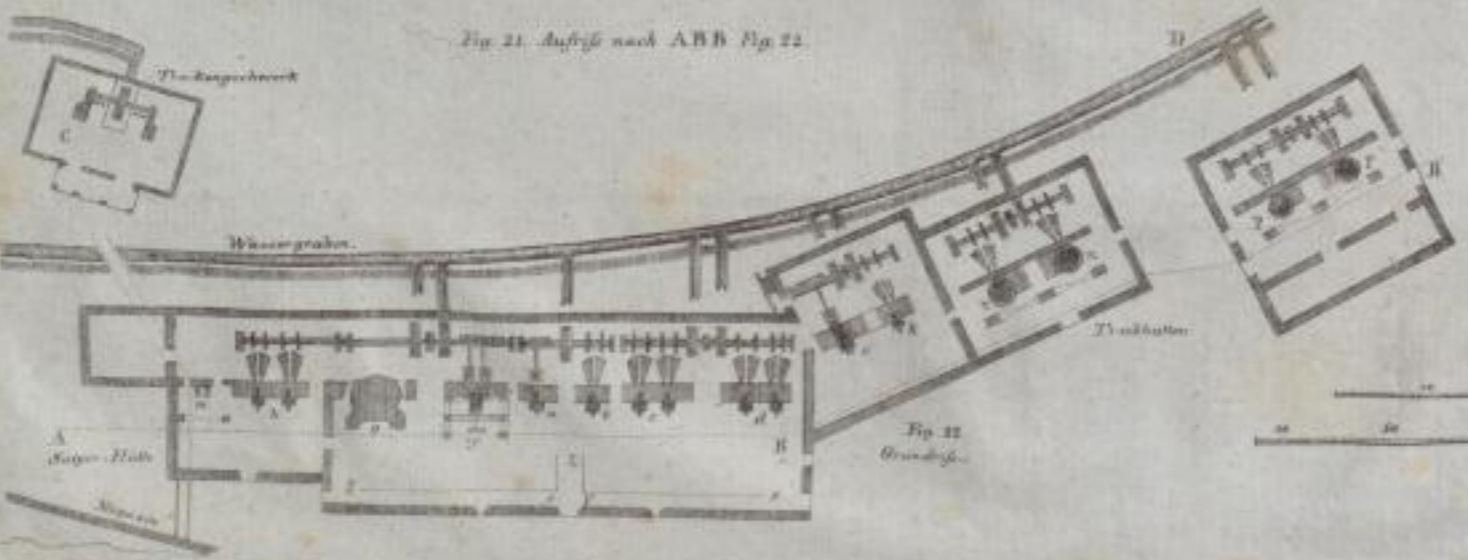




ROEST-HAUFEN - STADELN - UND OEFEN.



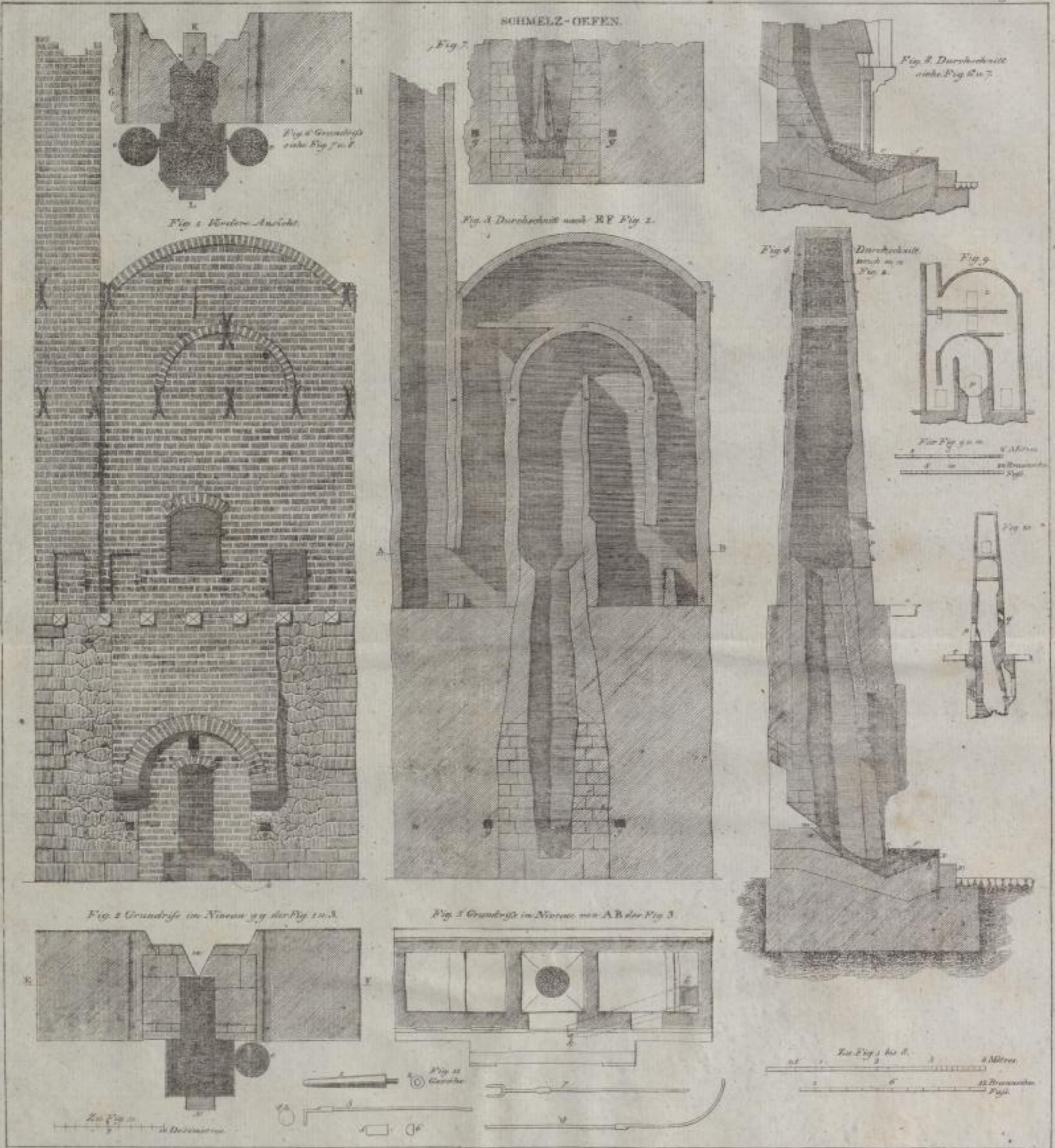
DIE FRANKENSCHARNER HÜTTE BEI CLAUSTHAL.









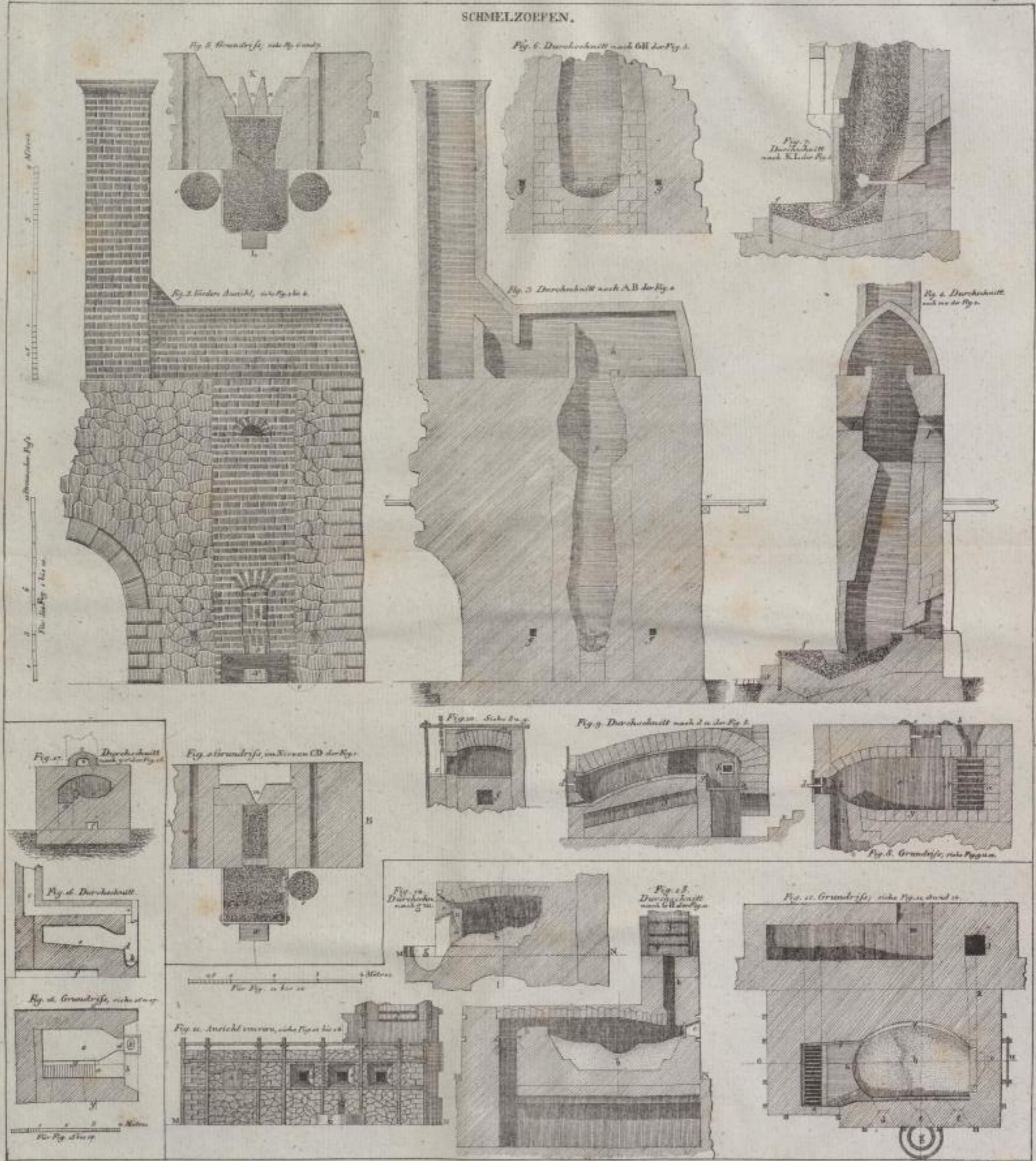








SCHMELZOFEN.



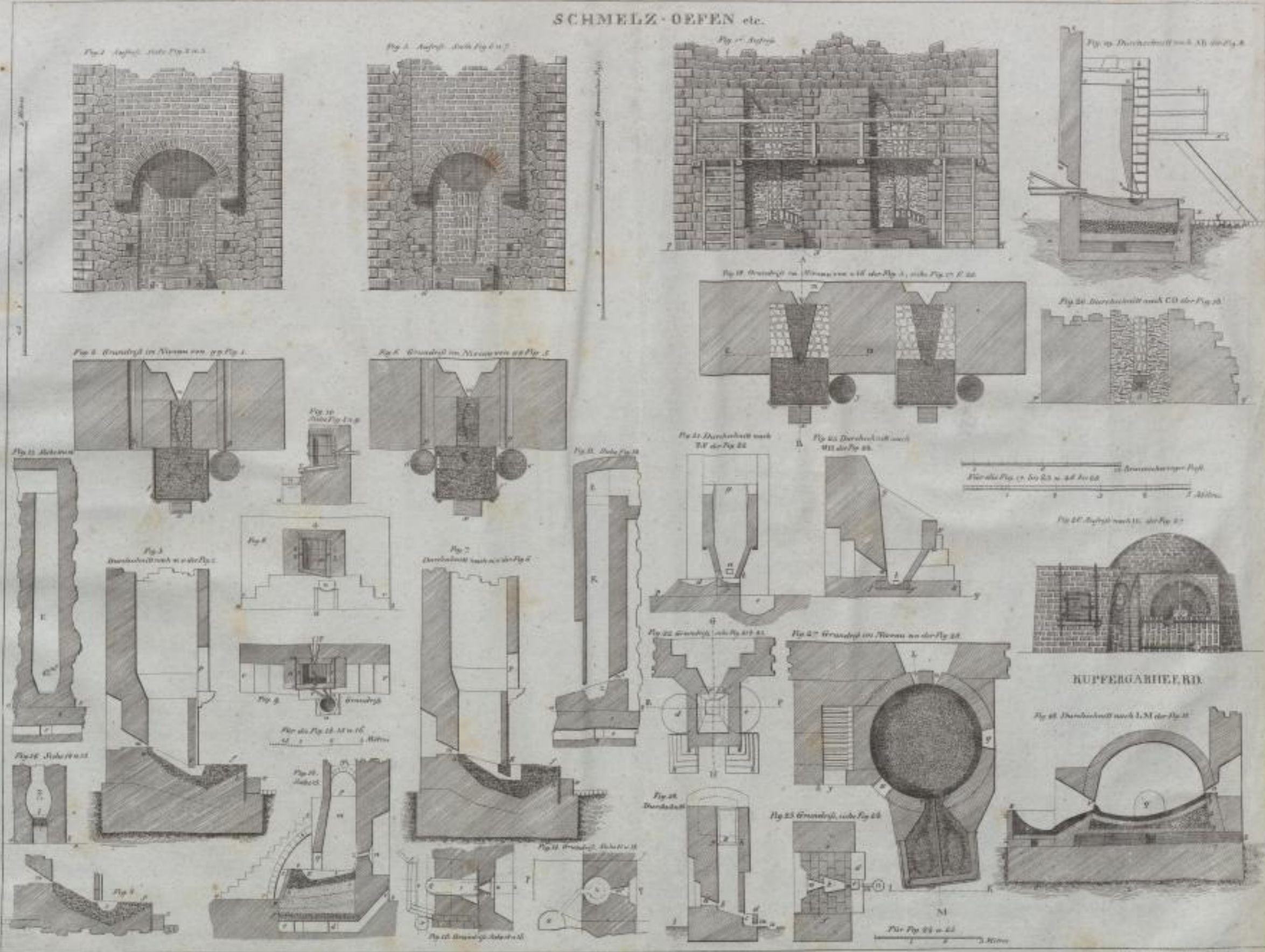
Lithograph von Vilmann







SCHMELZ-OEFEN etc.



KUPFERGÄRHEERD

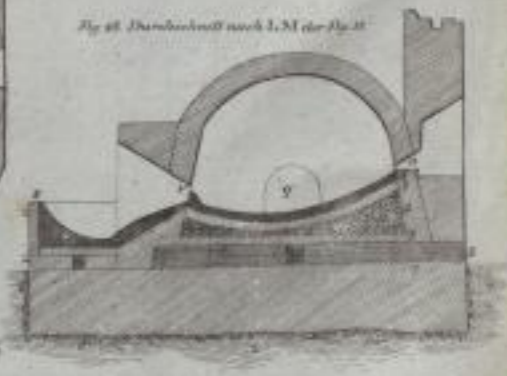
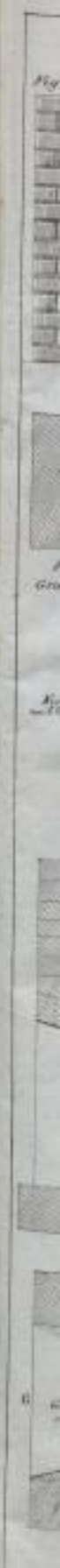
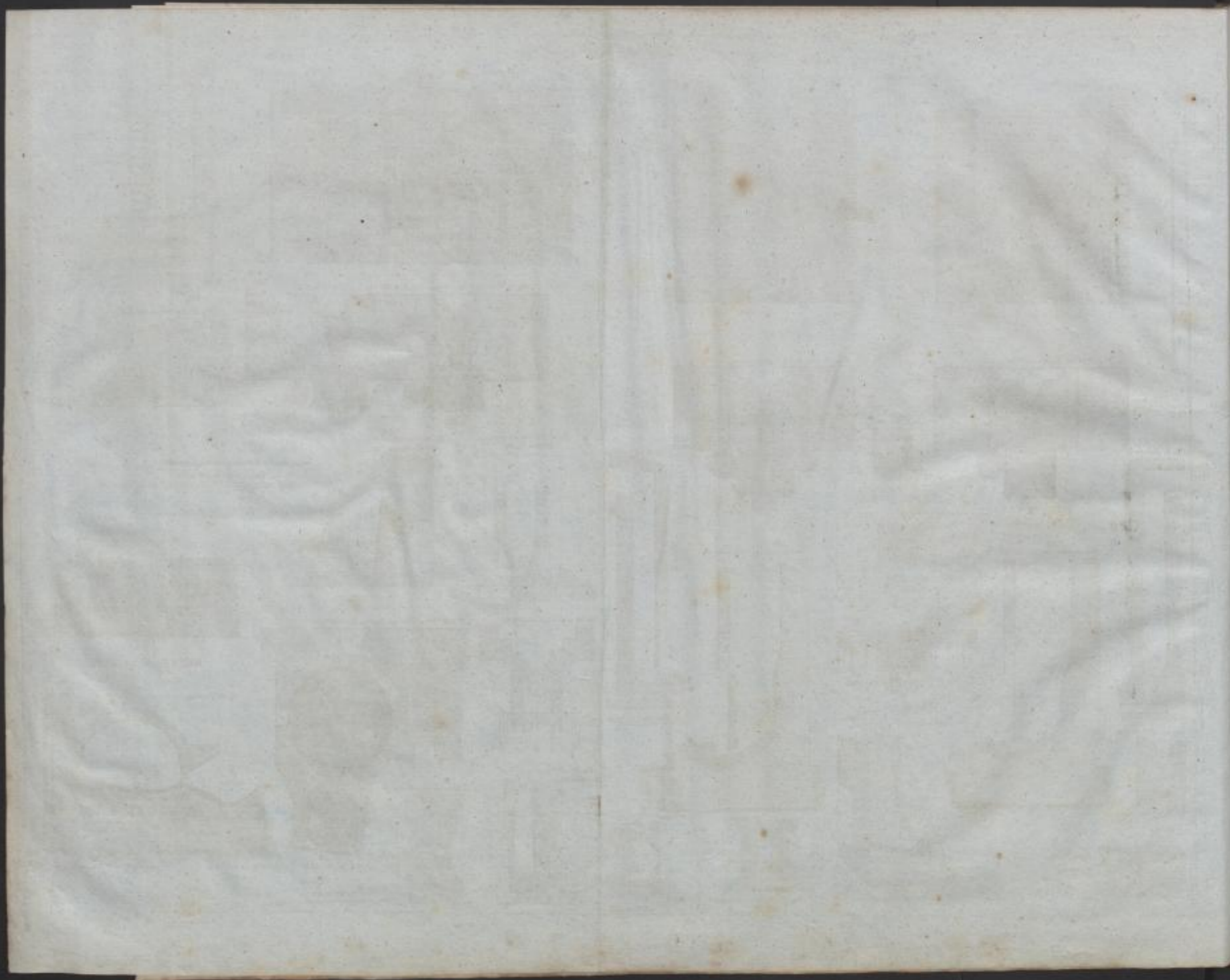


Fig. 28. Durchschnitt nach I, M der Fig. 27







SCHMELZ-OEFFEN, SAIGER, DARR = TREIB = und GARHEERDE.

Fig. 1 Aufsicht nach Fig. 2 und 3.



Fig. 2 Durchschnitt nach AB der Fig. 1.



Fig. 3 Durchschnitt nach CD der Fig. 1.

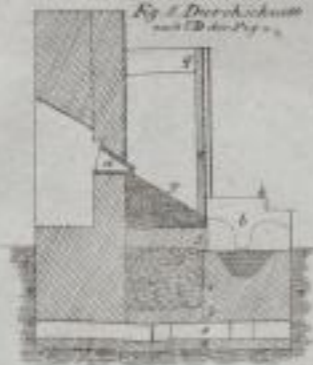


Fig. 4 Durchschnitt nach EF der Fig. 1.

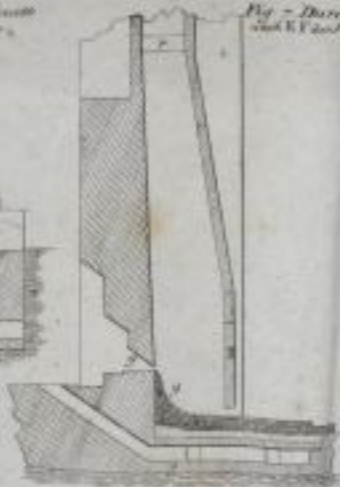


Fig. 5 Aufsicht nach AB der Fig. 2.



Fig. 6 Durchschnitt nach CD der Fig. 5.

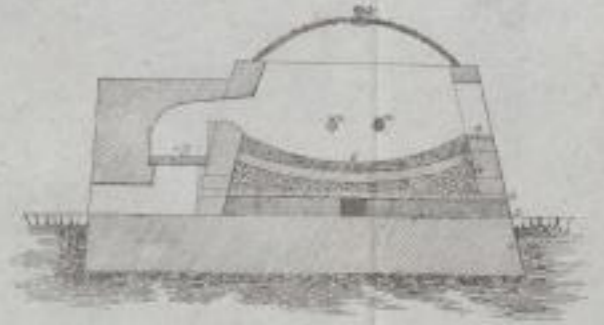


Fig. 7 Grundriss nach Fig. 5.

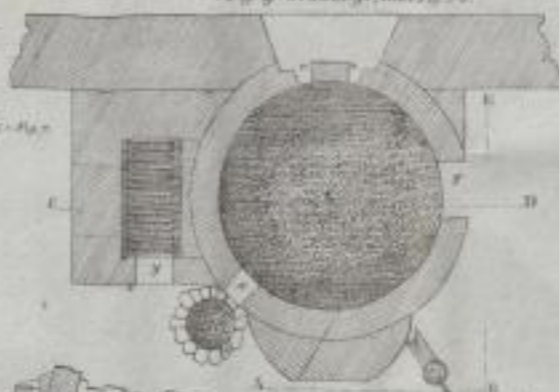


Fig. 8 Aufsicht nach BE der Fig. 5.

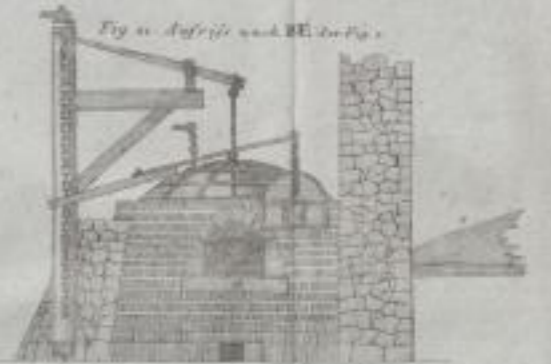


Fig. 9 Grundriss.



Fig. 10 Durchschnitt nach AB der Fig. 9.



Fig. 11 Grundriss nach Fig. 9.



Fig. 12 Grundriss nach Fig. 9.



Fig. 13 Aufsicht nach Fig. 10.

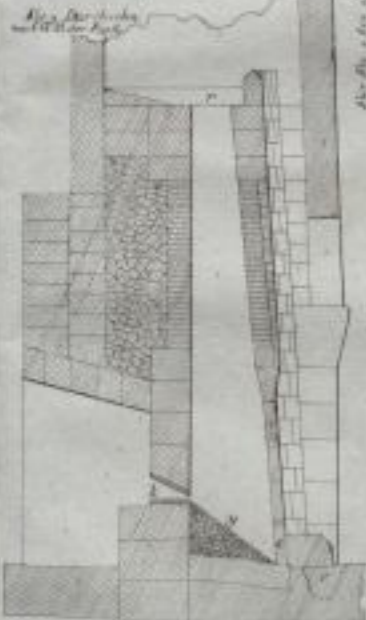


Fig. 14 Durchschnitt nach AB der Fig. 13.



Fig. 15 Durchschnitt nach CD der Fig. 13.



Fig. 16 Aufsicht nach Fig. 13.



Fig. 17 Aufsicht nach Fig. 13.



Fig. 18 Grundriss nach Fig. 13.

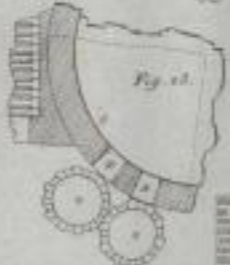
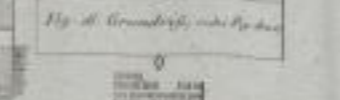


Fig. 22

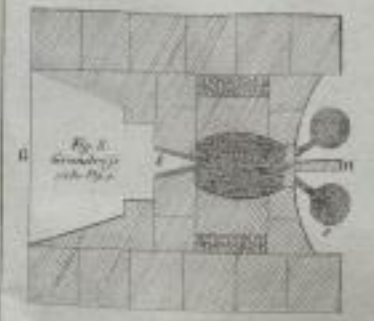


Fig. 24 Durchschnitt nach RS der Fig. 23.

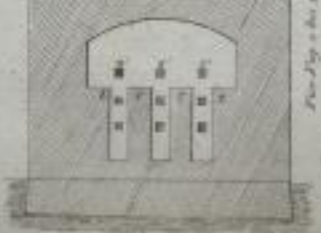


Fig. 27

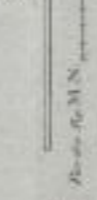


Fig. 28 Grundriss nach Fig. 25.

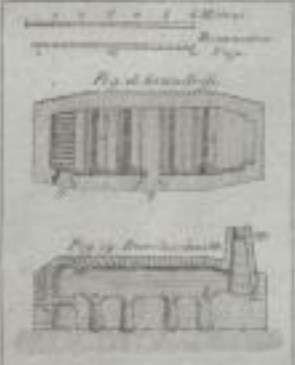
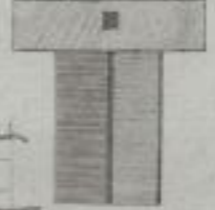


Fig. 30 Durchschnitt nach Fig. 25.

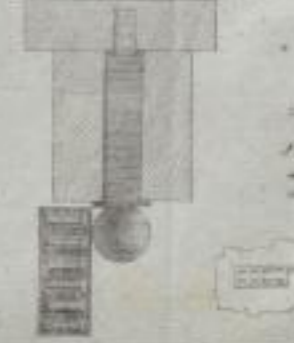


Fig. 31



Verfertigt von F. H. ...

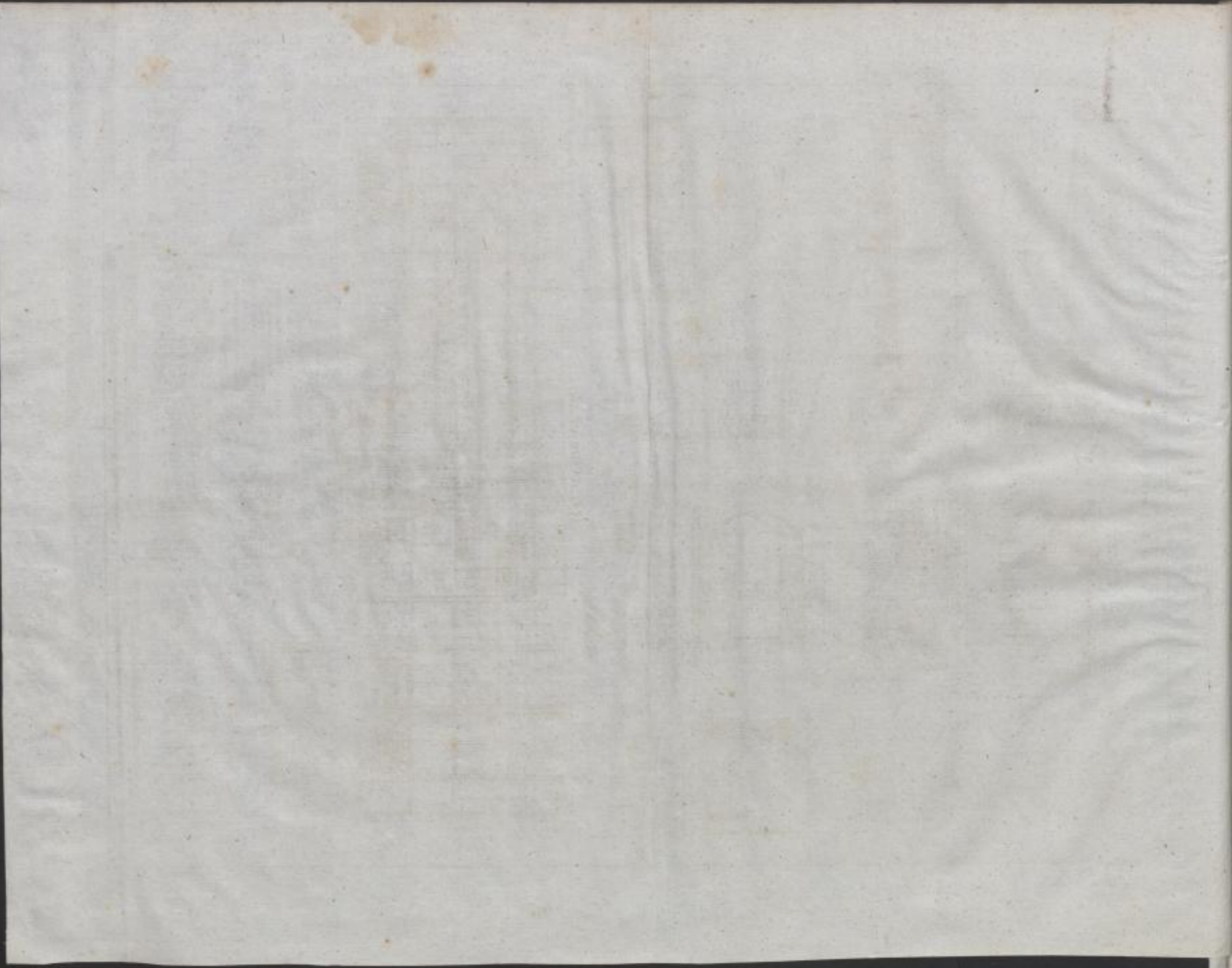








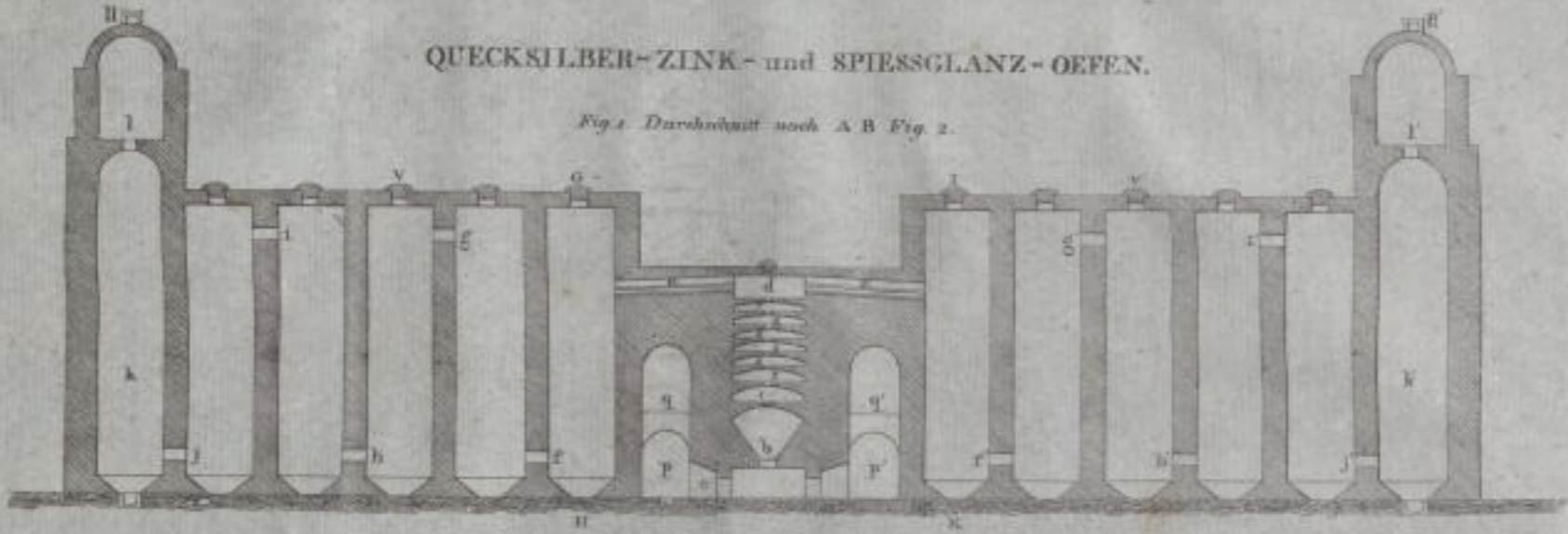




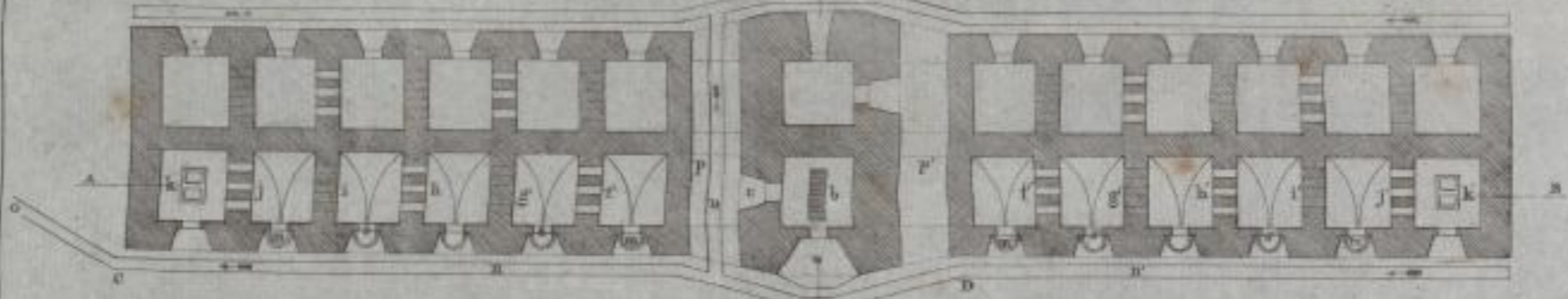


QUECKSILBER-ZINK- und SPIESSGLANZ-OEFFEN.

Fig. 1. Durchschnitt nach A B Fig. 2.



Grundriß wie Fig. 1 bis 6



Für die Fig. 1 bis 6.

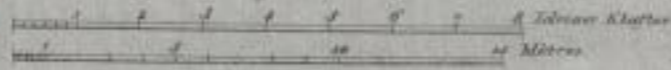


Fig. 3. Aufsicht nach CD Fig. 2.

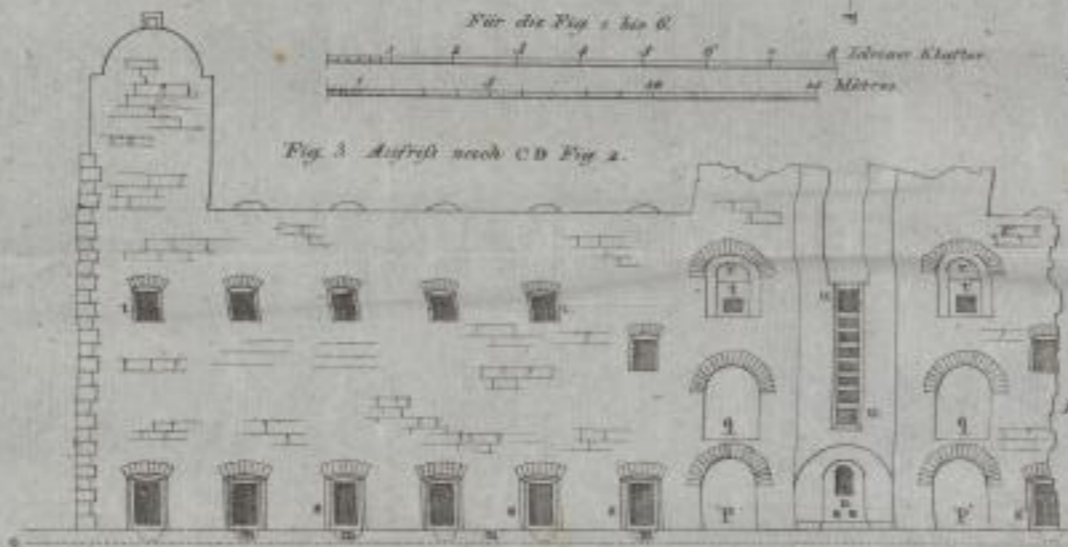


Fig. 7. Aufsicht in Durchschnitt nach NOPQ der Fig. 1.

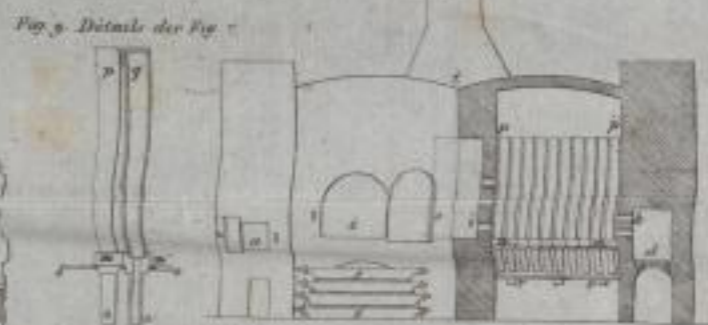


Fig. 9. Details der Fig. 7.



Fig. 10. Aufsicht I u. II.

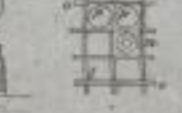


Fig. 8. Grundriß; siehe Fig. 7 u. 9.

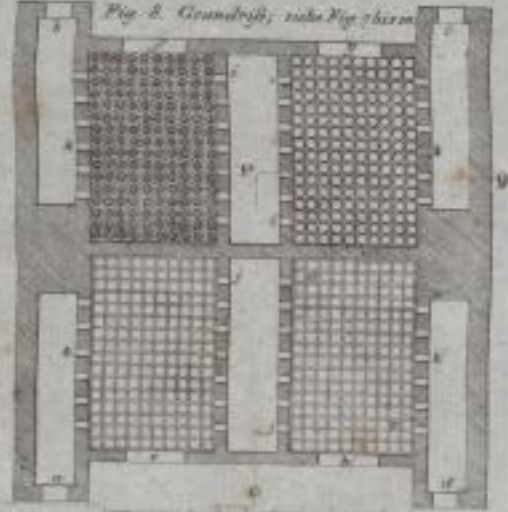


Fig. 4. Durchschnitt nach EY der Fig. 1.

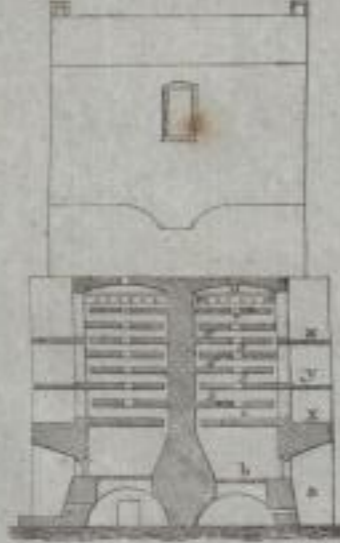
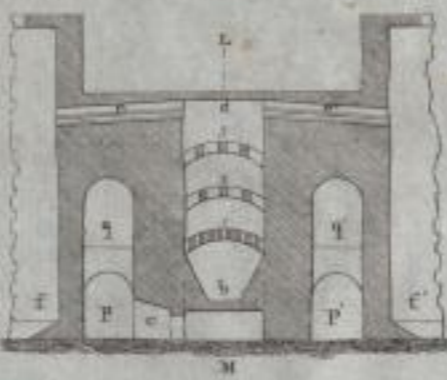


Fig. 6. Durchschnitt nach LM der Fig. 1.



Fig. 5. Durchschnitt; nach A B der Fig. 1.



Für Fig. 7 u. 8.



Fig. 17. Durchschnitt nach UV der Fig. 1.



Die Fig. 16 u. 17.

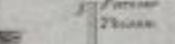


Fig. 16. Grundriß; siehe Fig. 1 u. 2.

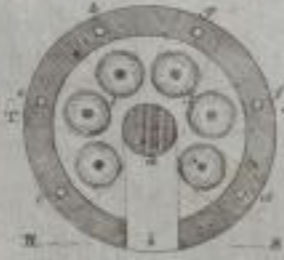


Fig. 11. Aufsicht nach RS der Fig. 1.



Fig. 12. Durchschnitt nach TT der Fig. 1.



Fig. 13. Details der Fig. 12.

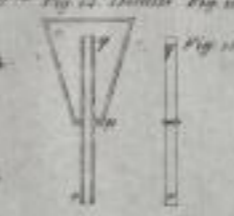


Fig. 14.



Für Fig. 11 bis 13.



Fig. 18. Durchschnitt nach I. I.

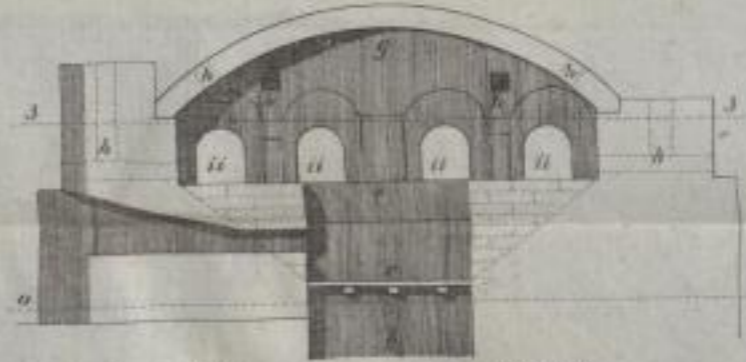


Fig. 19. Durchschnitt nach S. S.

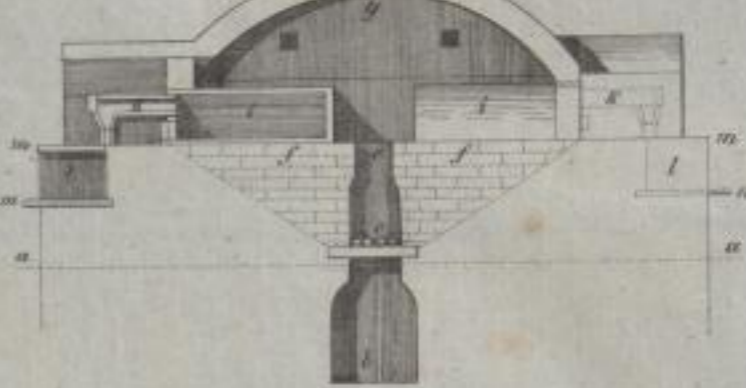
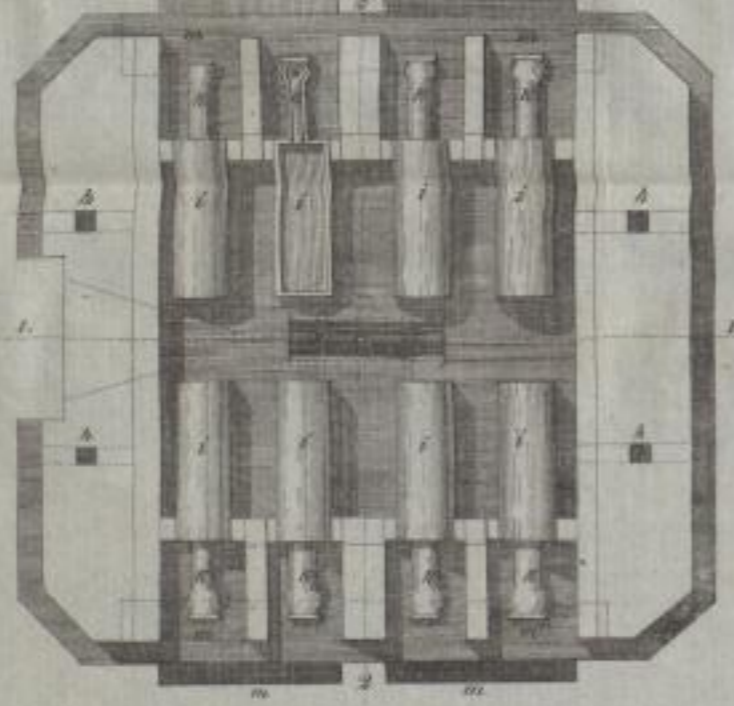


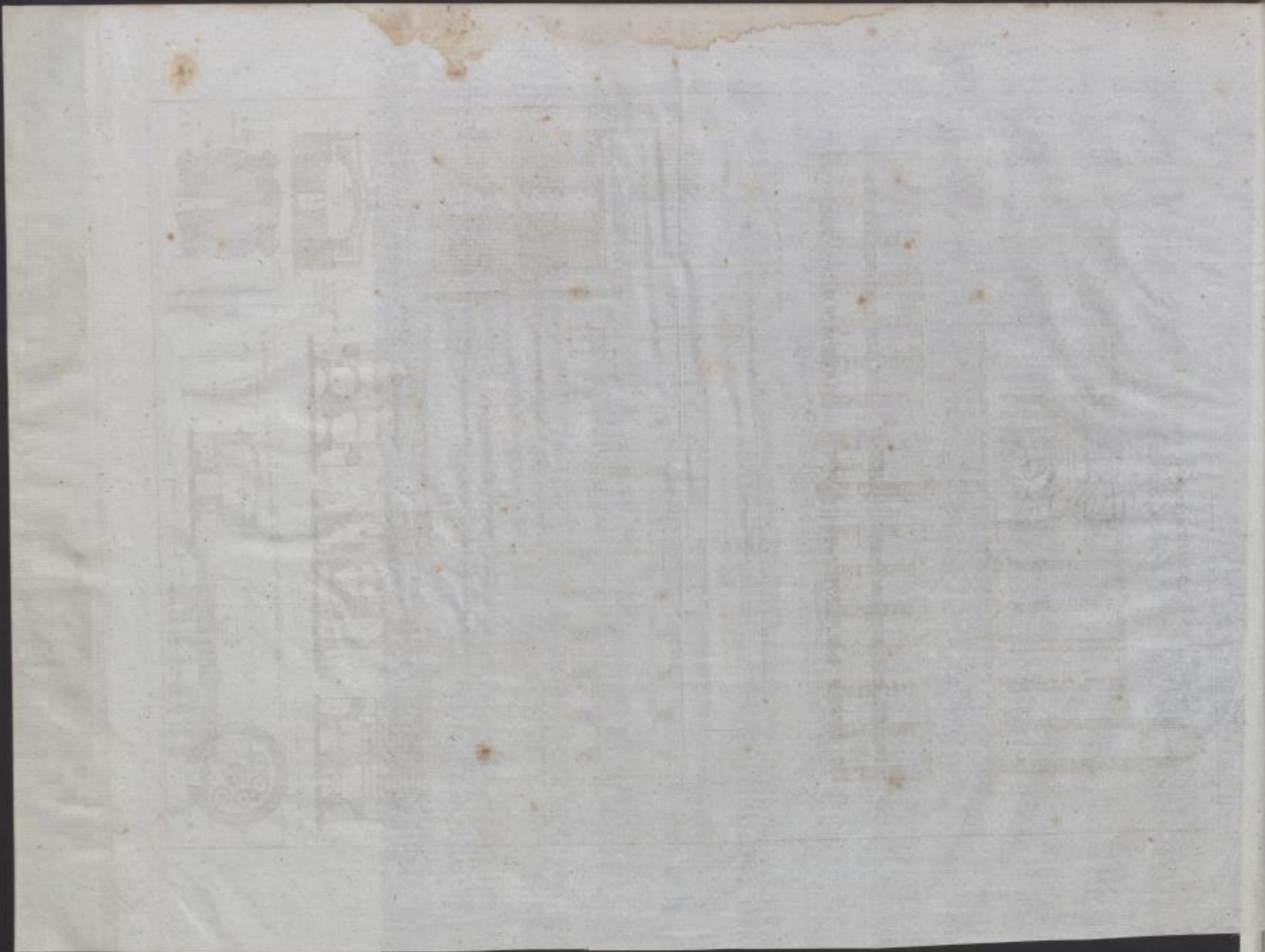
Fig. 20. Grundriß.



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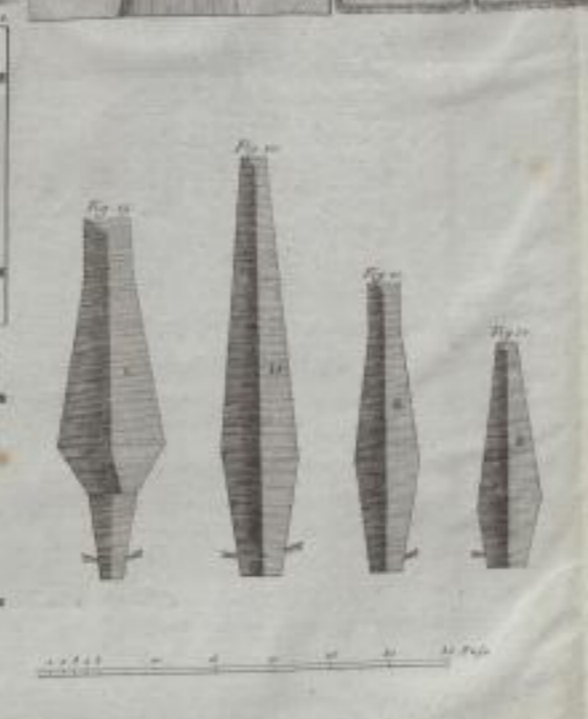
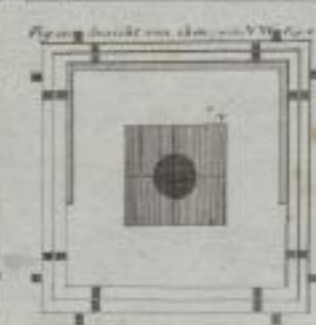
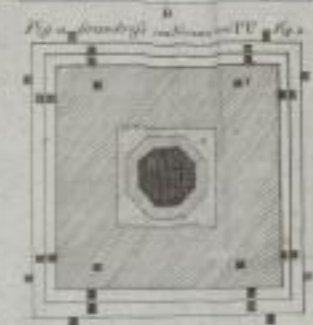
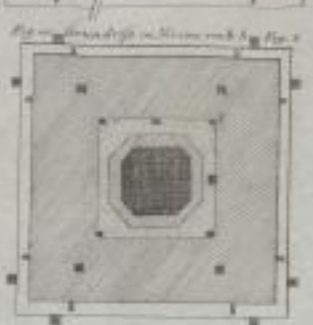
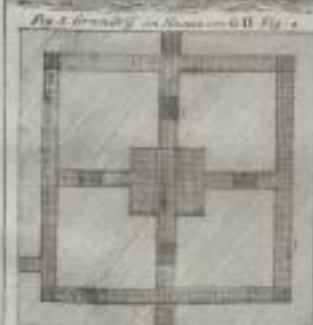
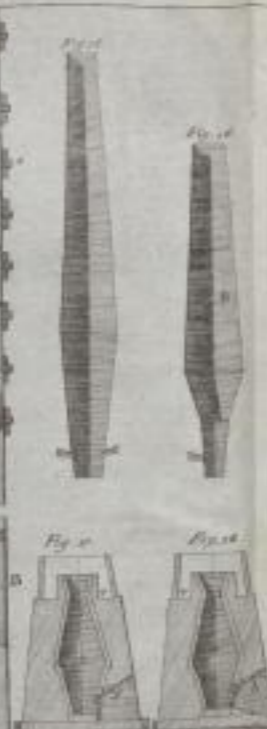
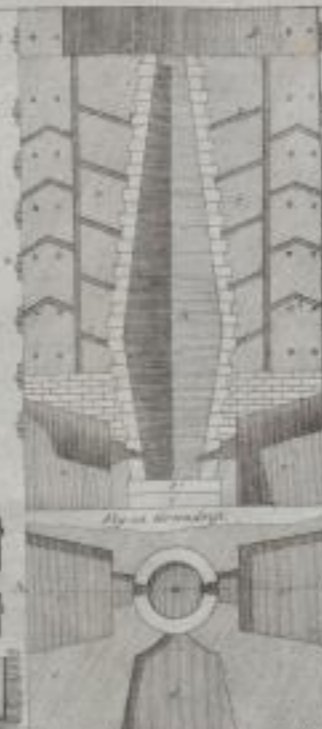
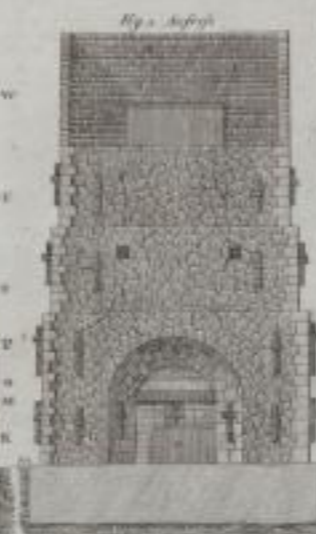
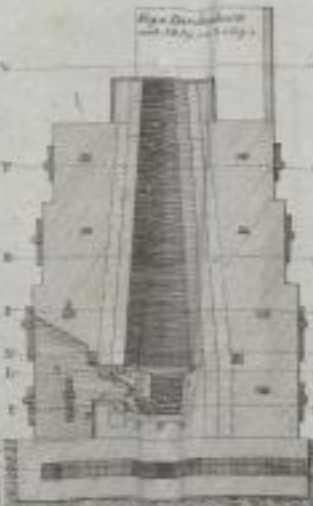
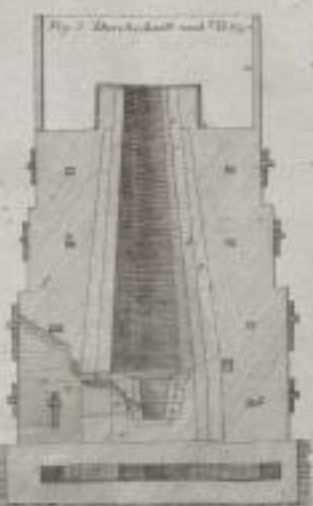
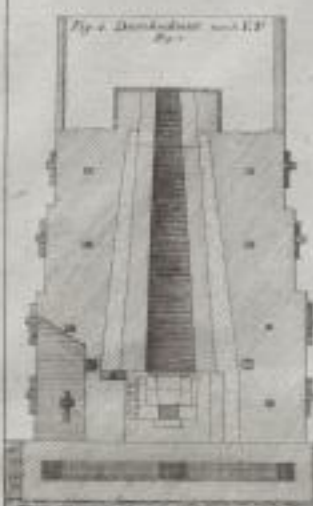
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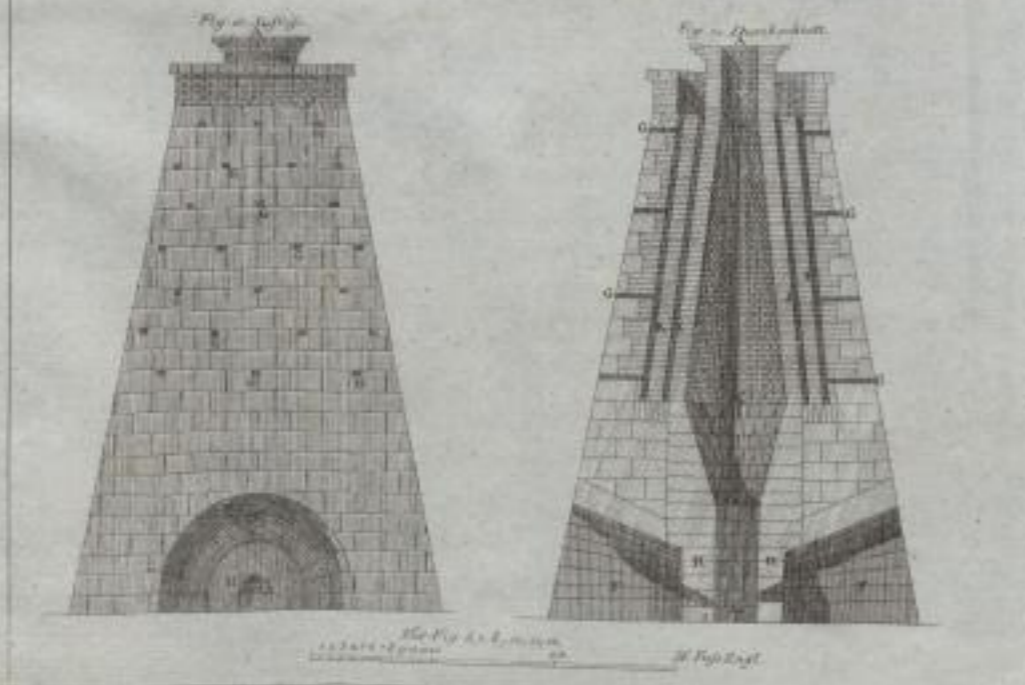
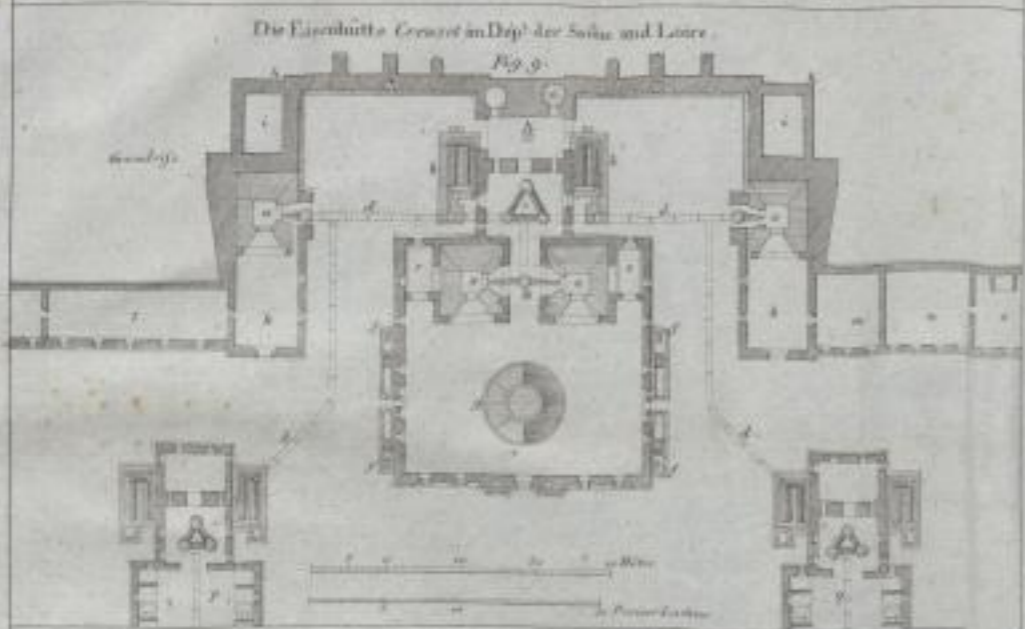
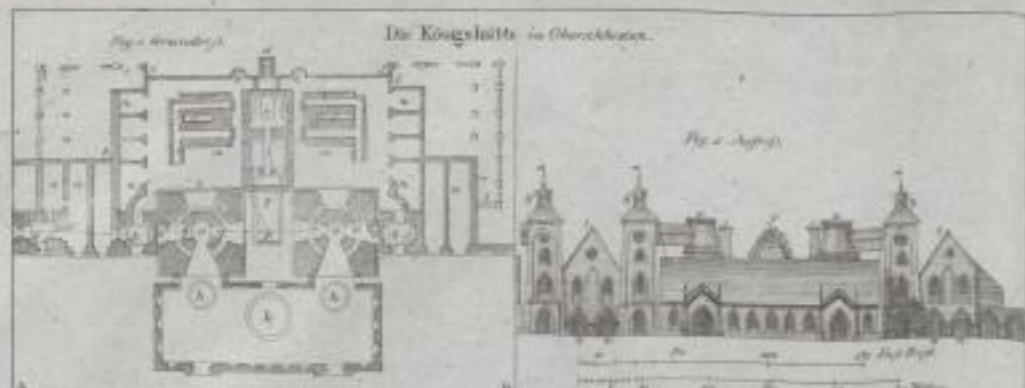
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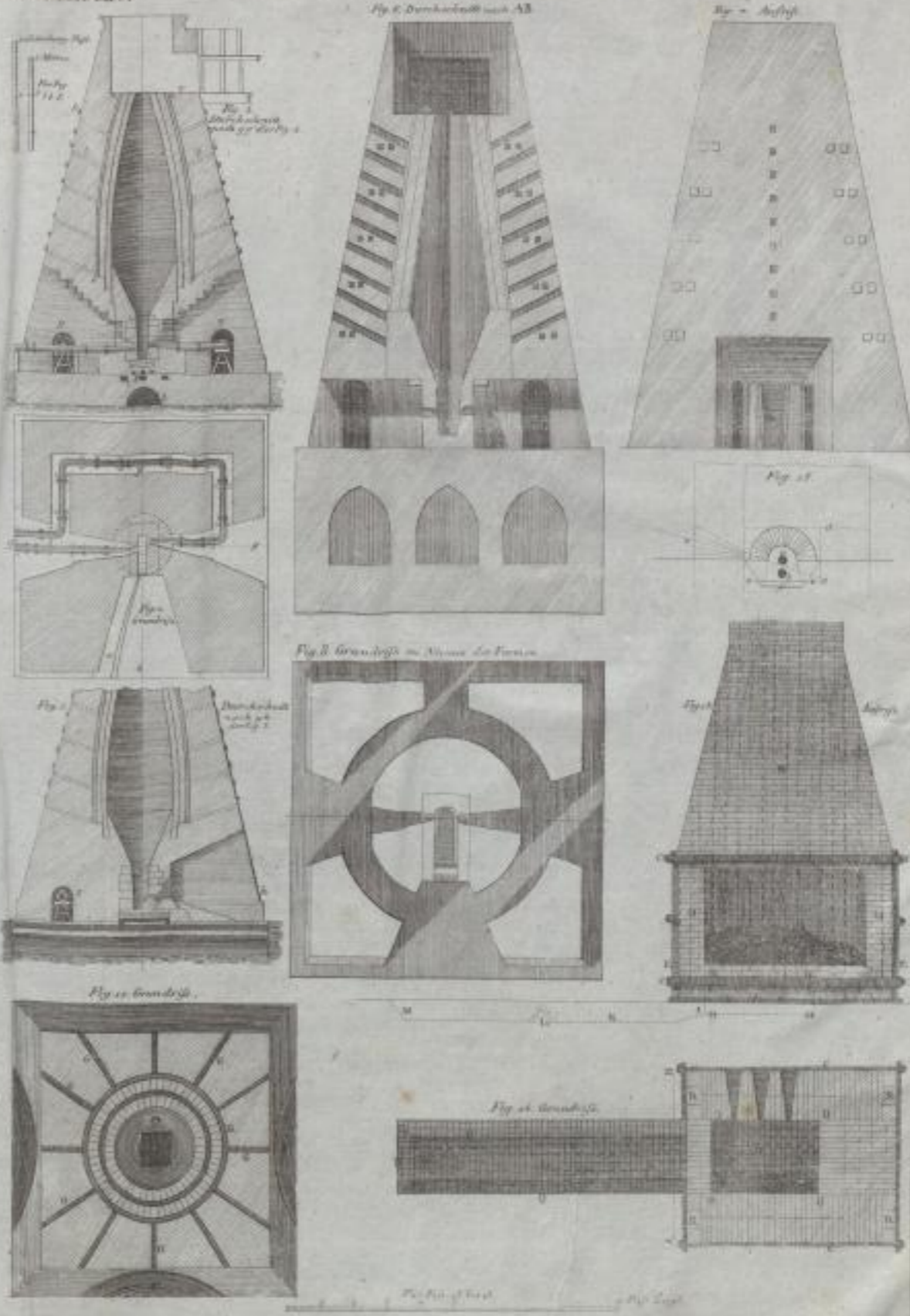




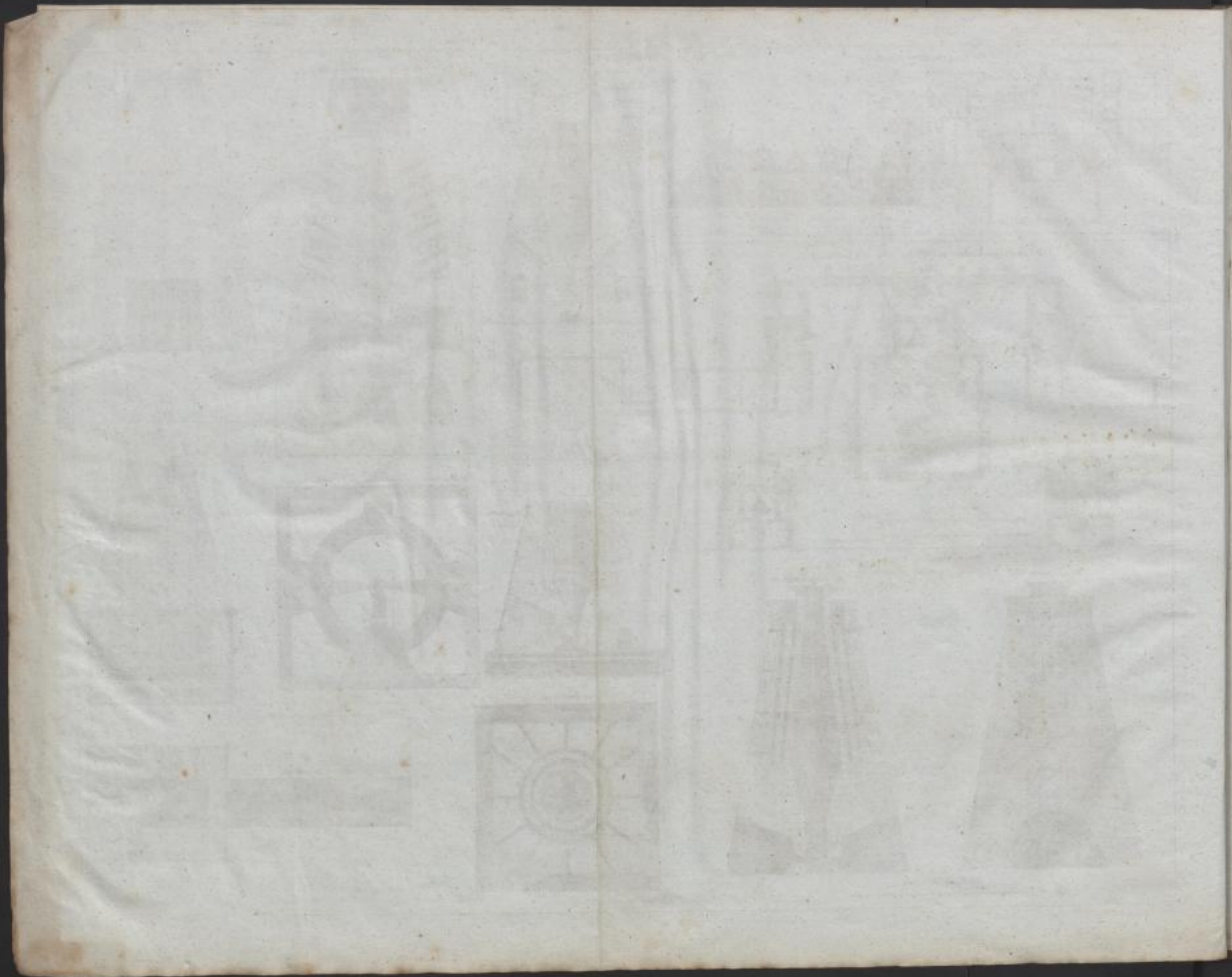




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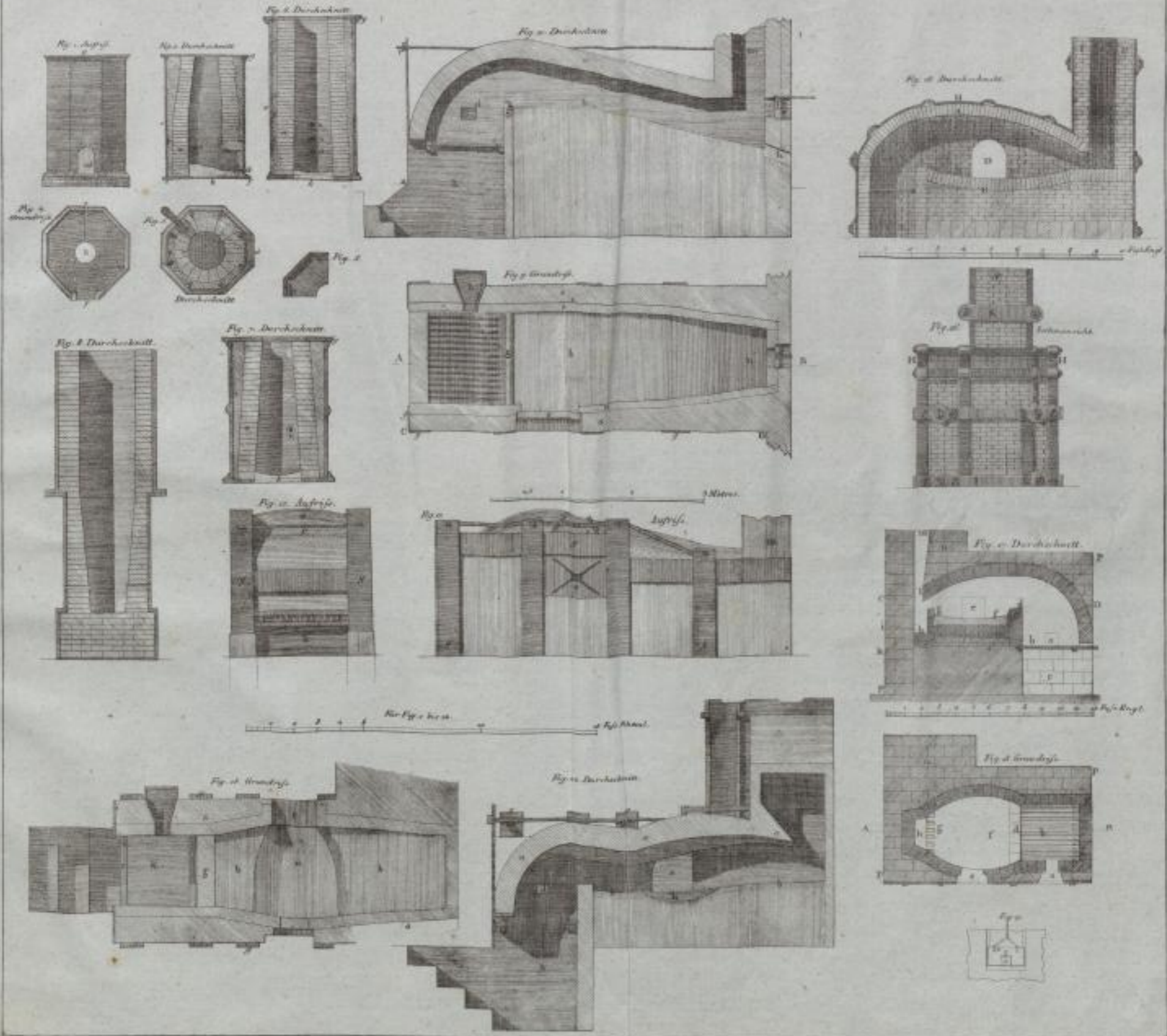








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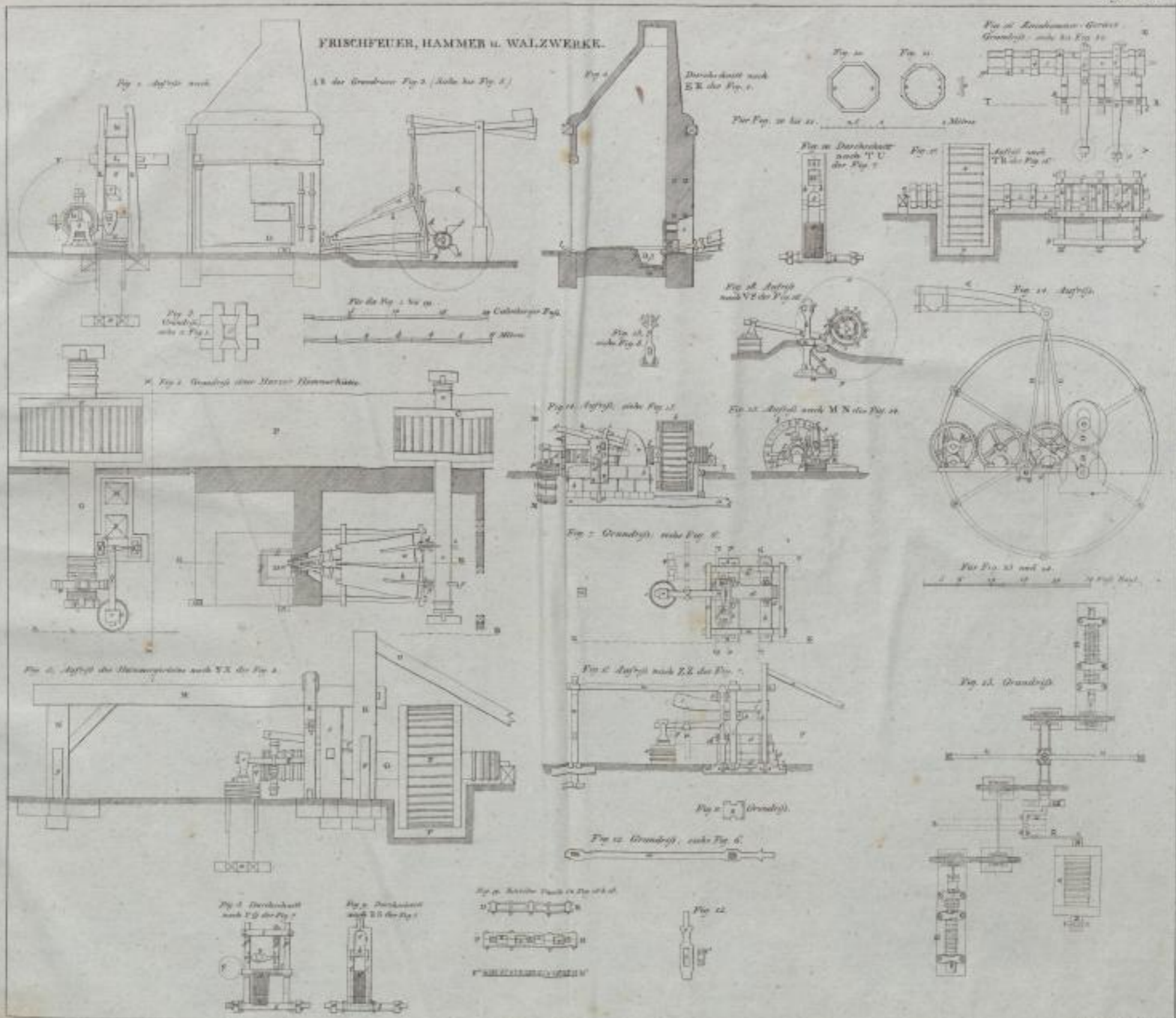


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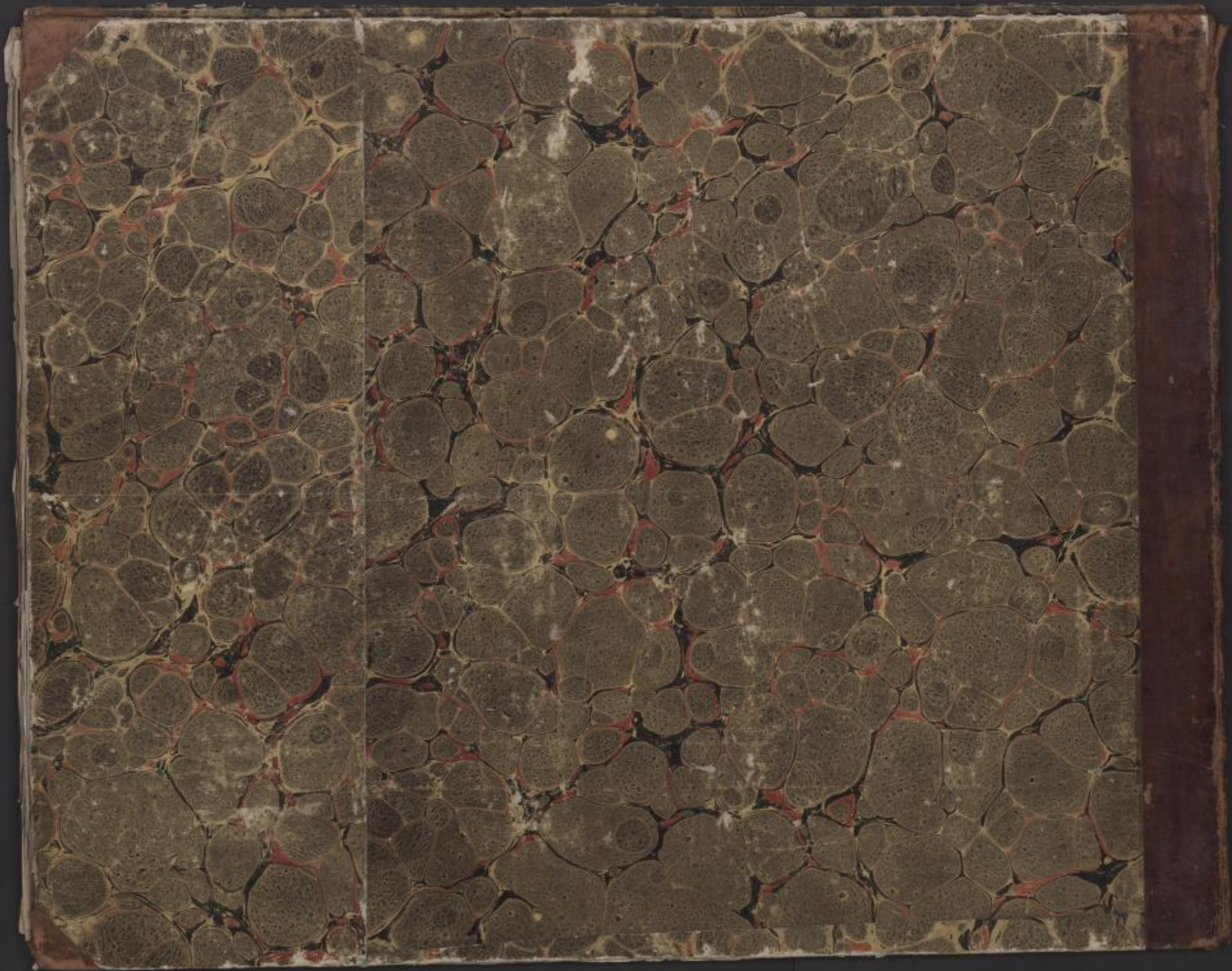






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