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Verschiedene Konstruktionen

Scholtz, Adolf

Leipzig, 1900

Tafeln zu Breymann, Baukonstruktionslehre.

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Tafeln

311

Breymann, Baukonstruktionslehre.

Band IV:

Verschiedene Konstruktionen,

insbesondere:

Heizungs-, Lüftungs-, Wasserversorgungs- u. Beleuchtungs-Anlagen. Fernstelegraphen u. Telephone. Grundbau.

Mit einem Anhang: Die Ausführung.

Vierte gänzlich neubearbeitete Auflage

von

A. Scholtz,

vorm. Dozent für Heizungs- und Lüftungsanlagen an der Königl. Technischen Hochschule
in Berlin.

Leipzig,

J. M. Gebhardt's Verlag.

1900.

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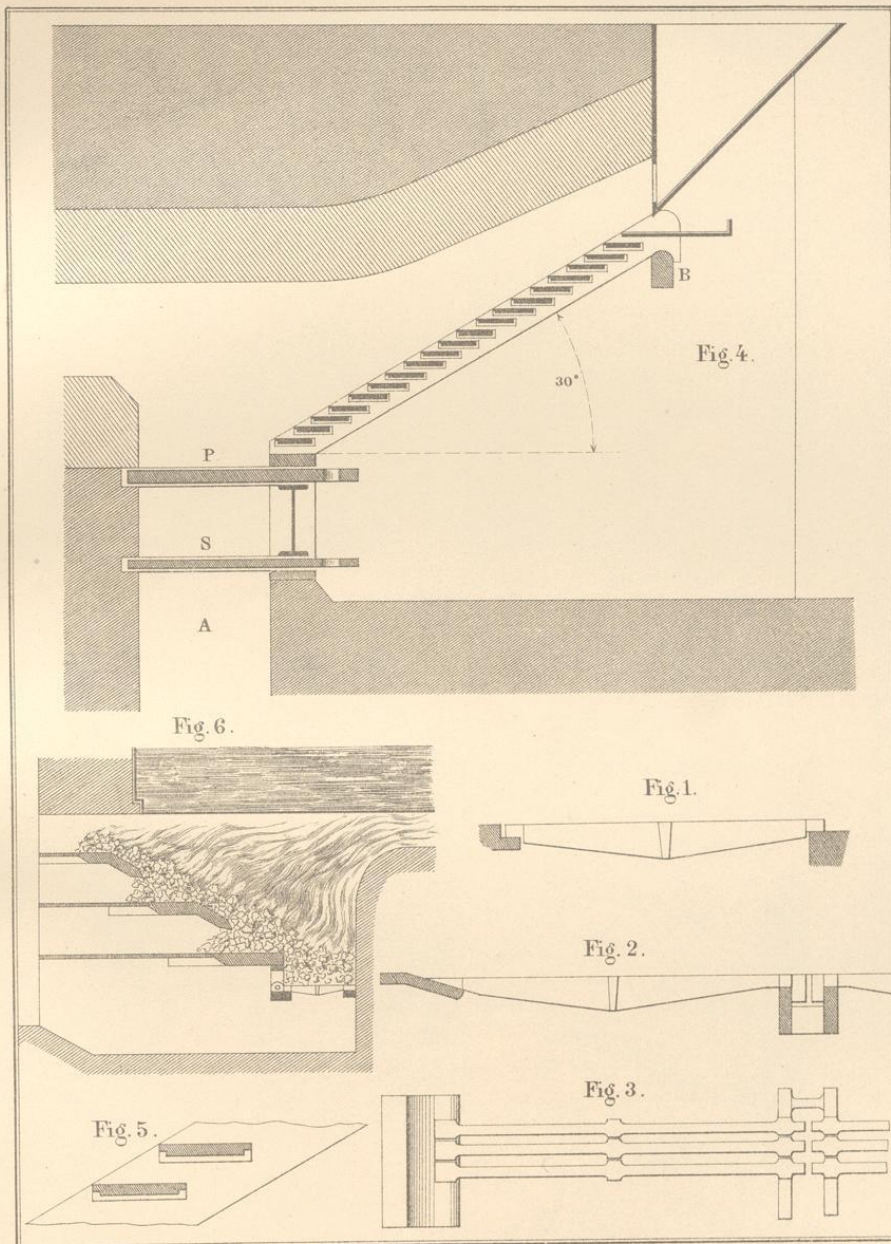


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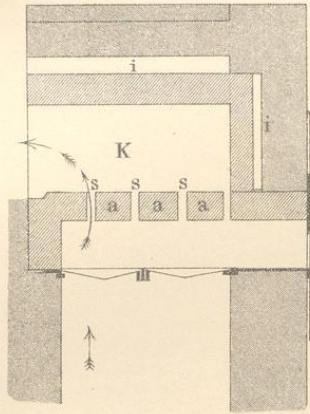


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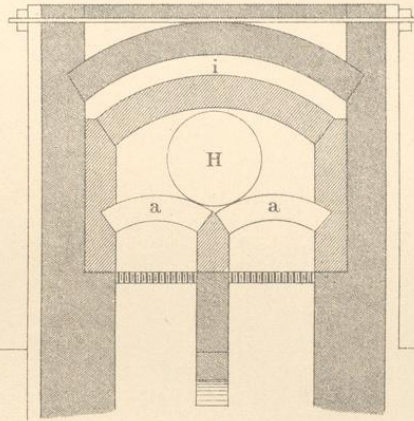


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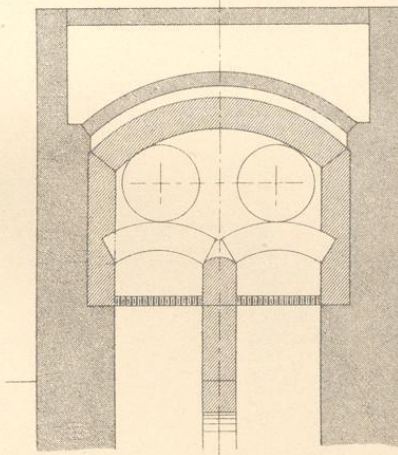
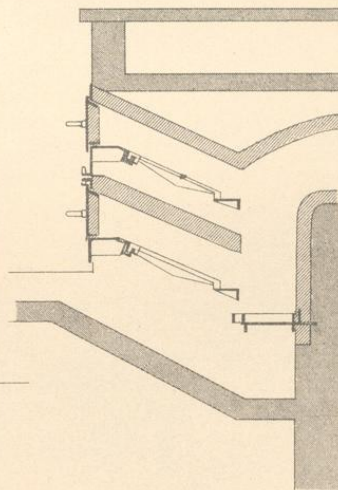
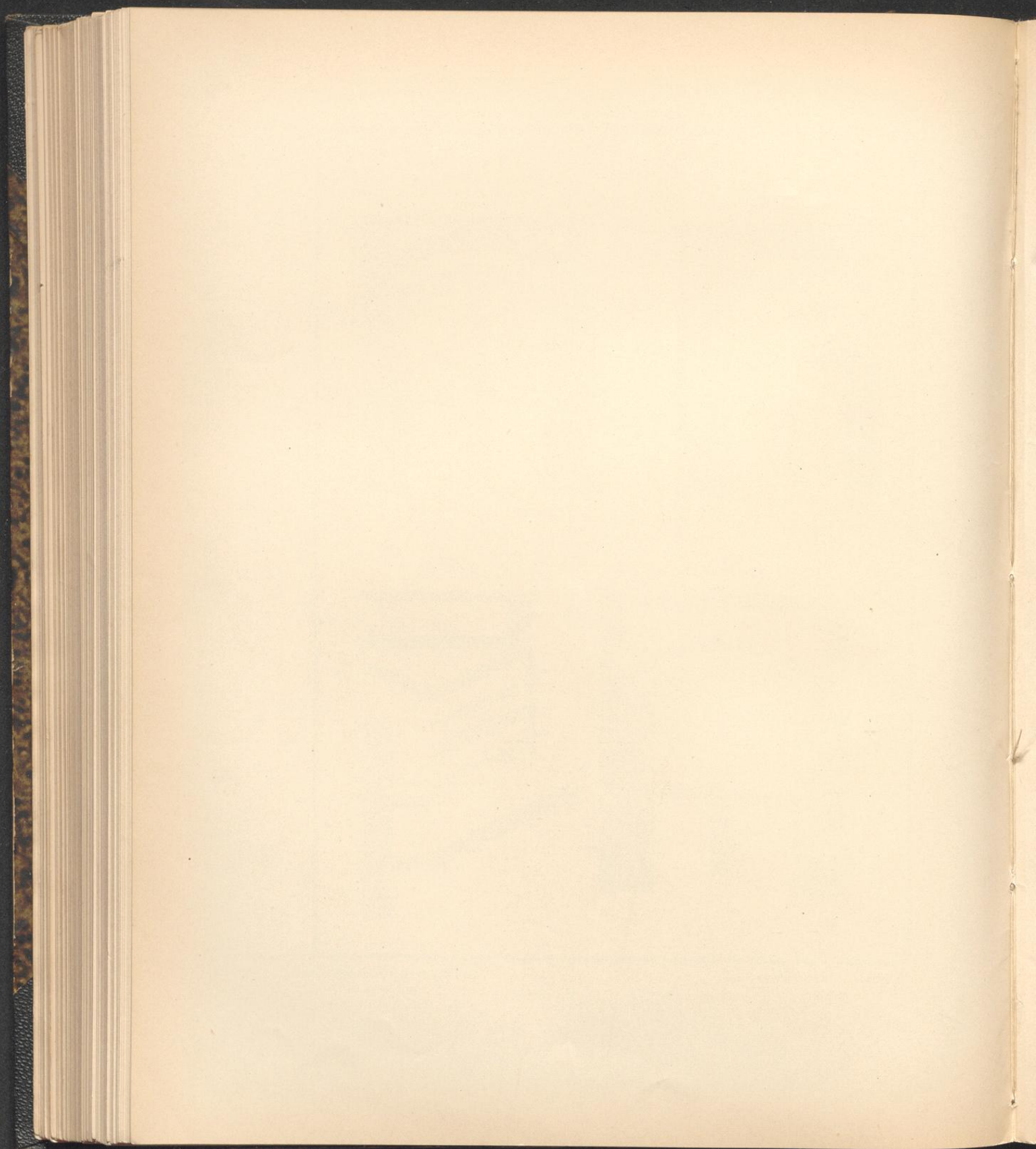
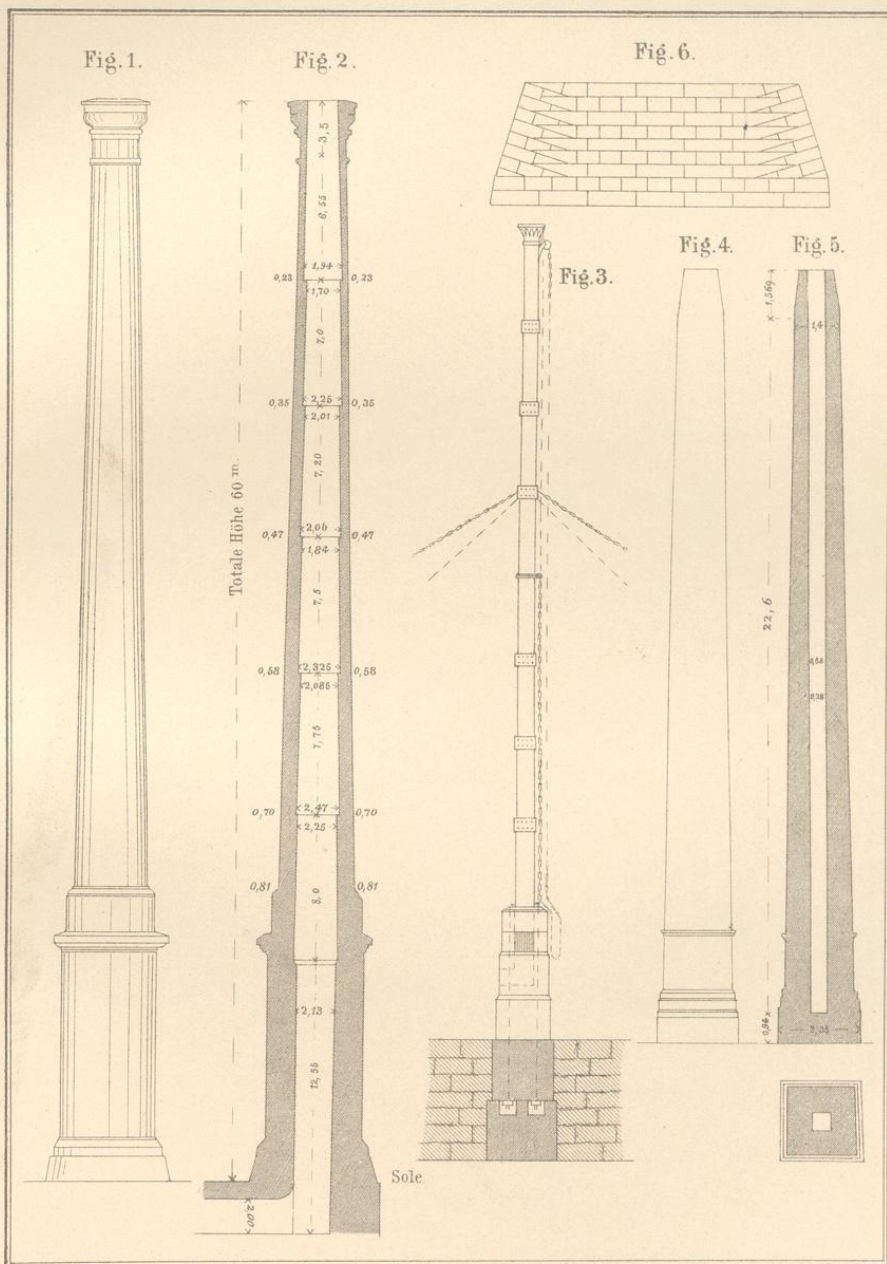
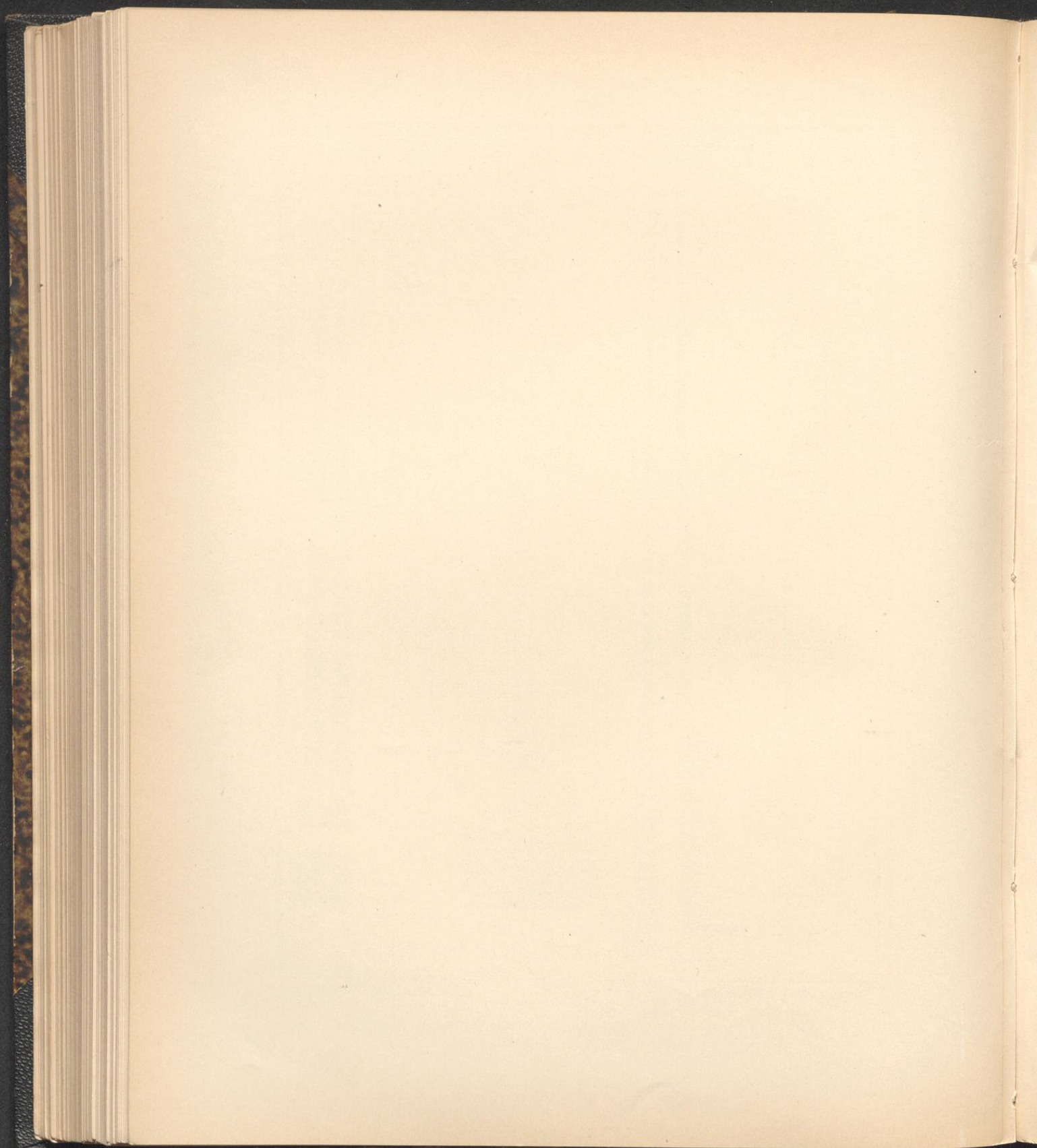


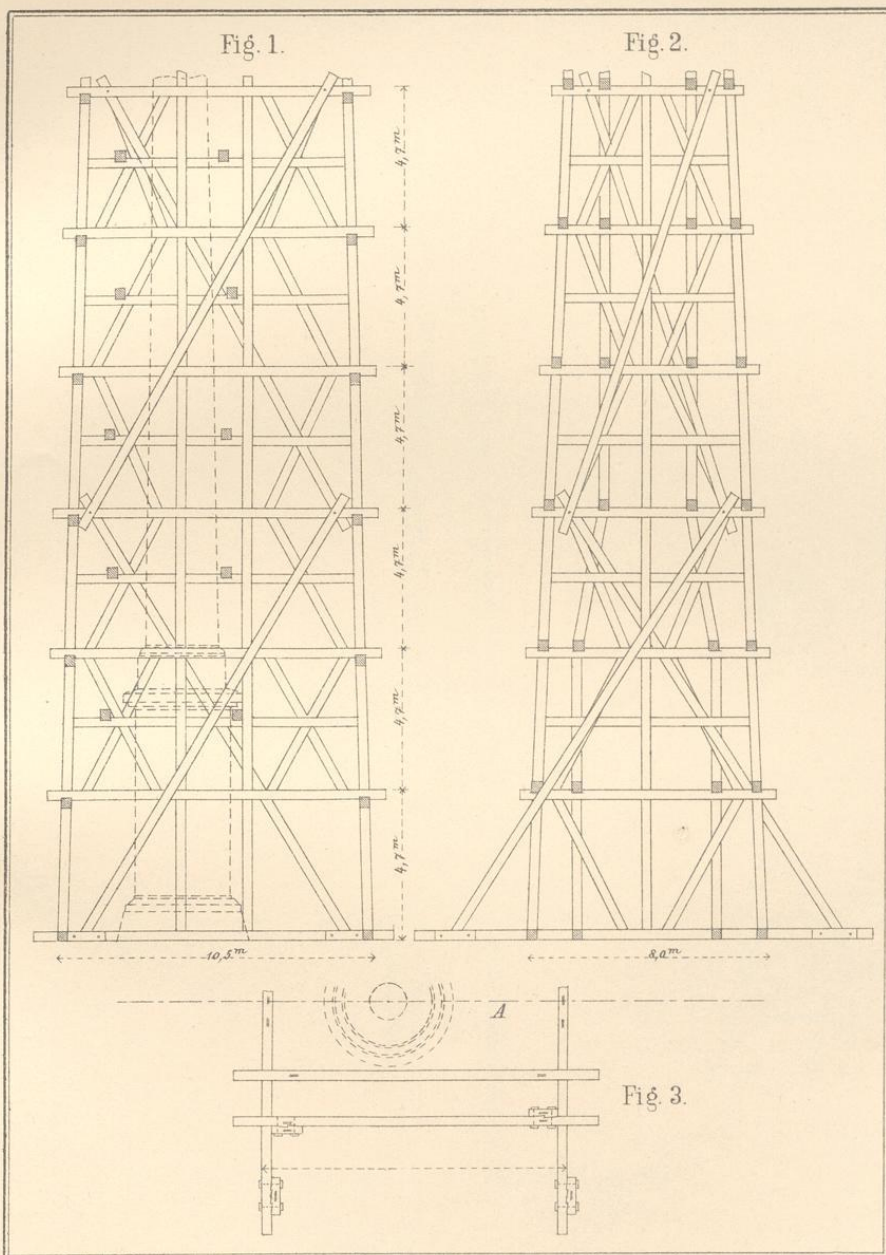
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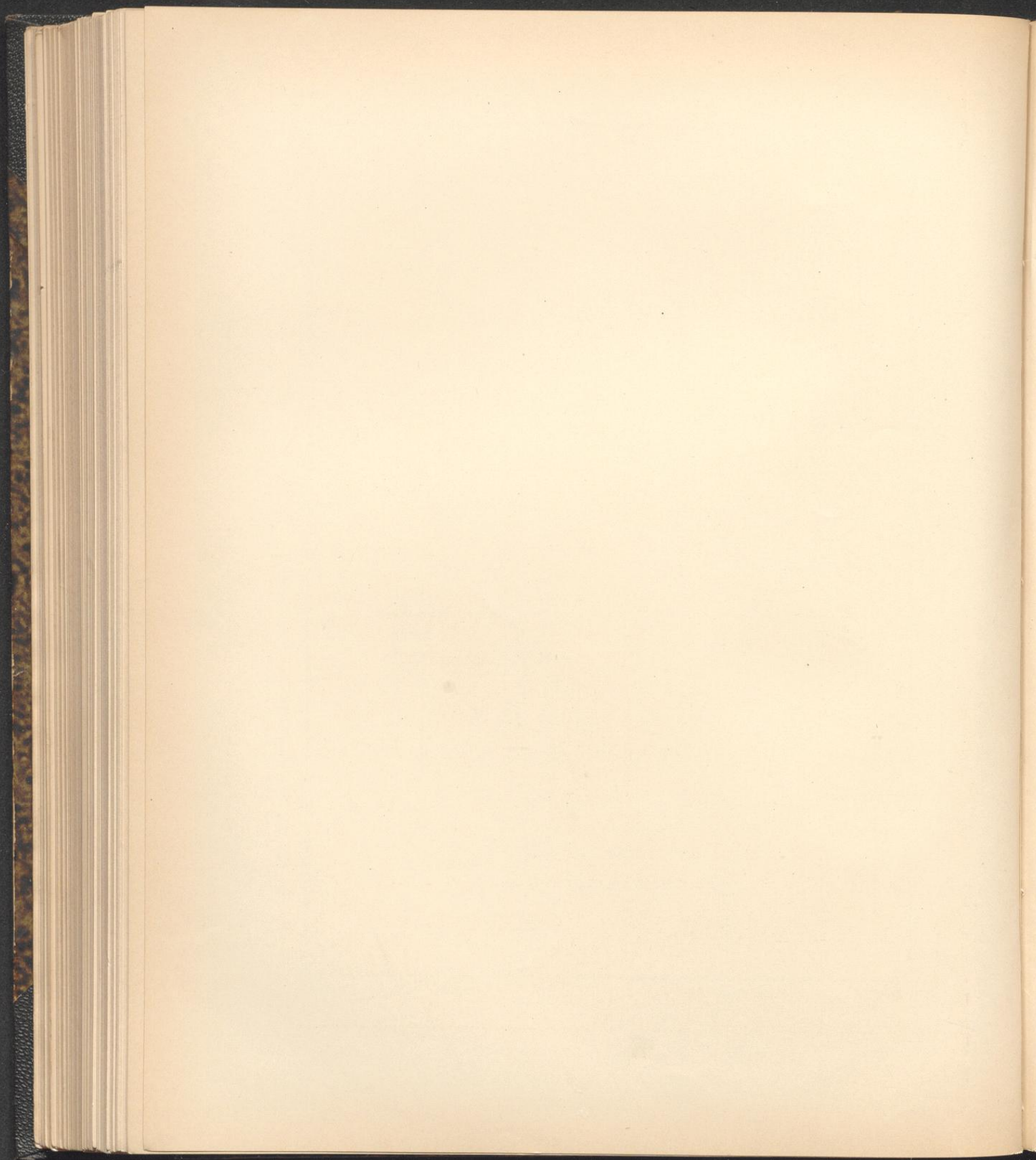


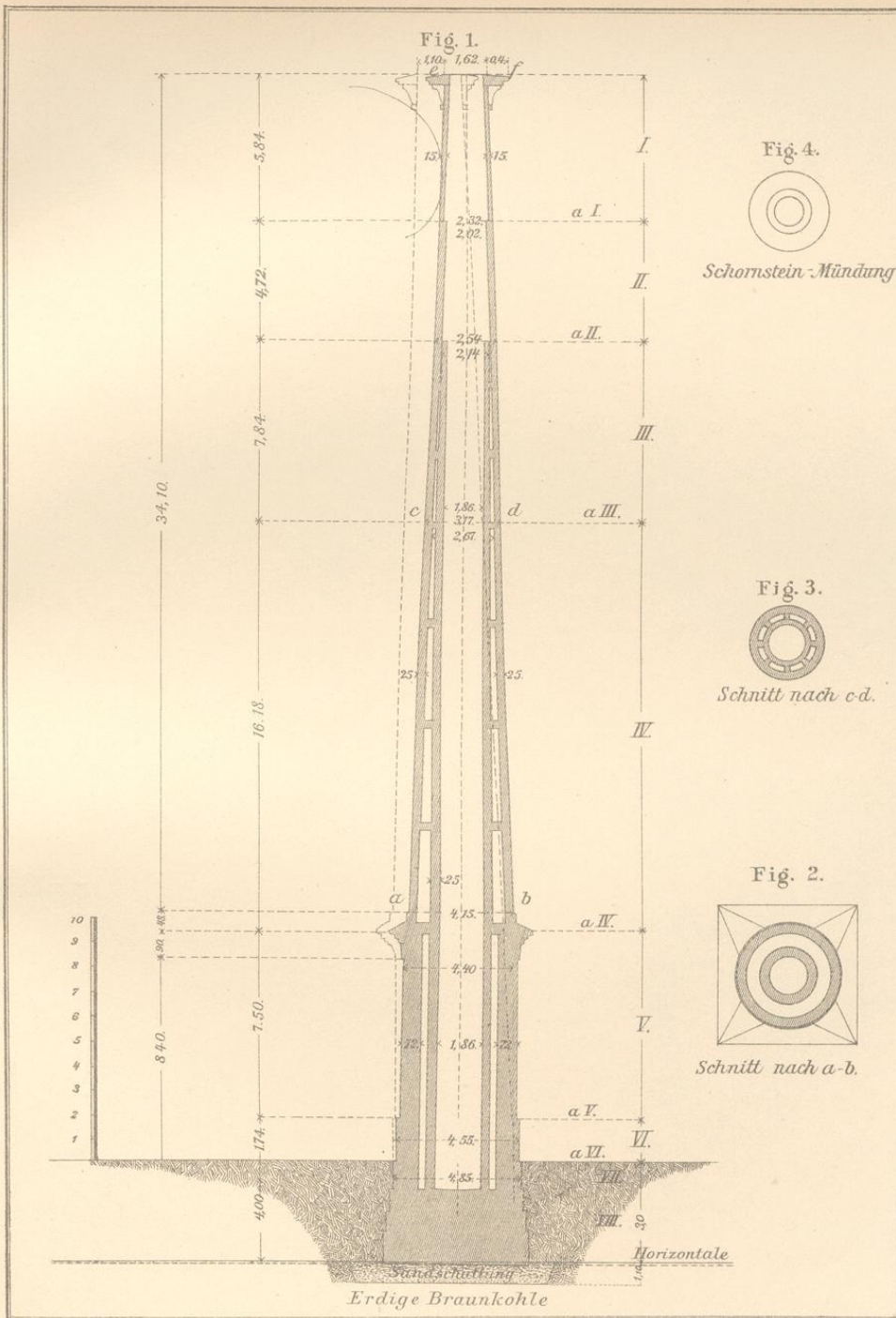


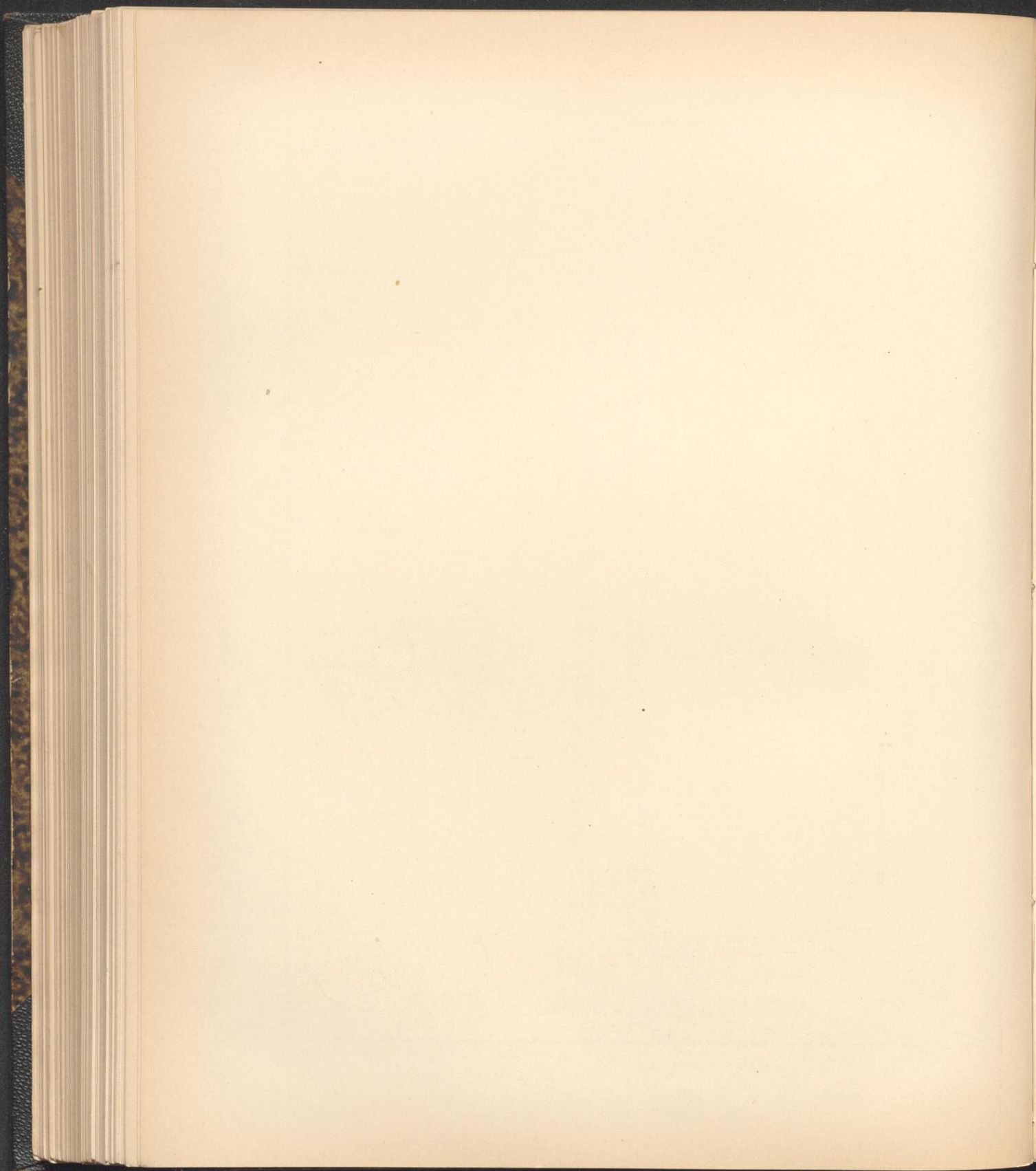


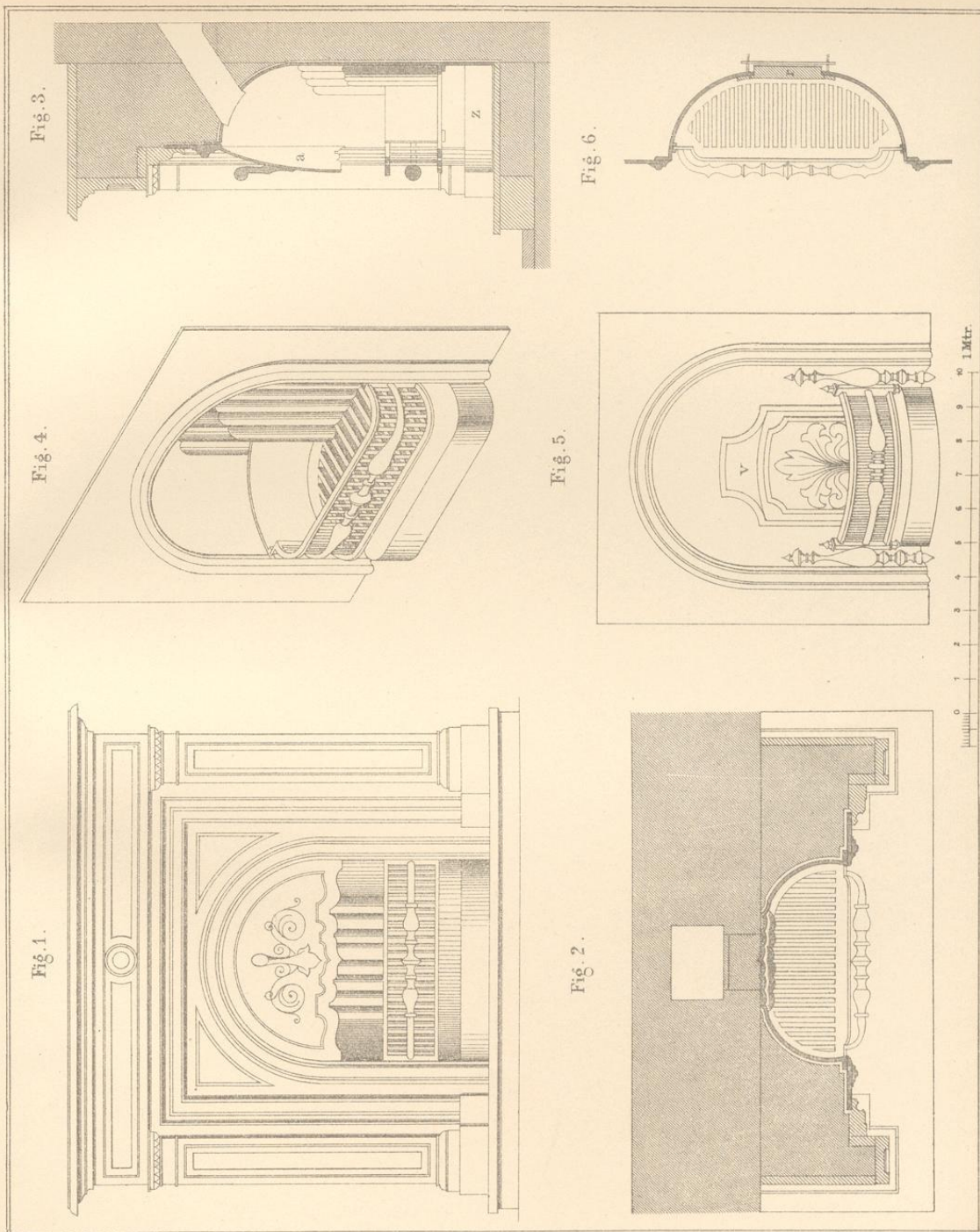






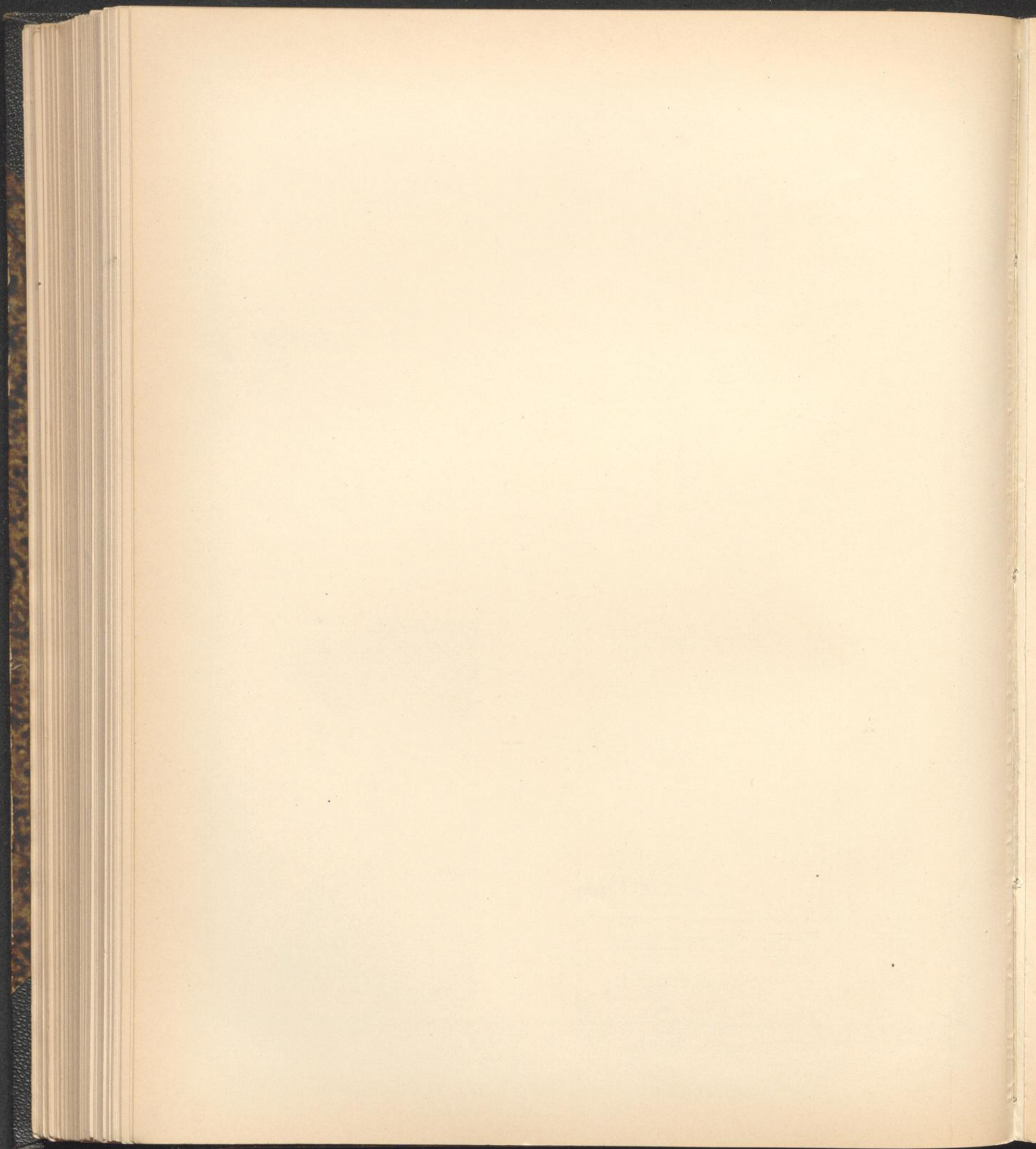






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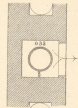
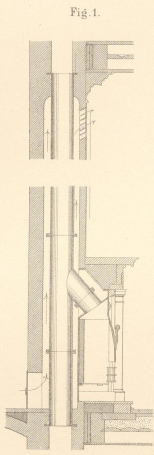


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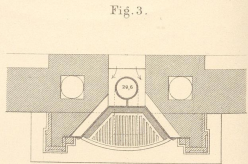
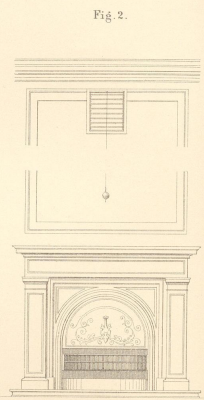


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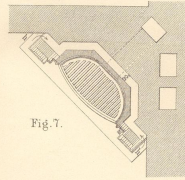
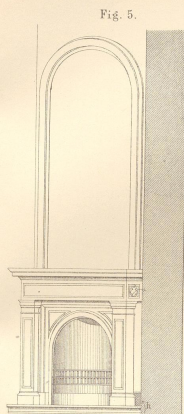


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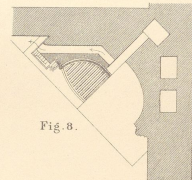
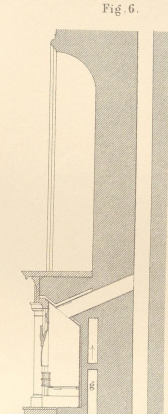


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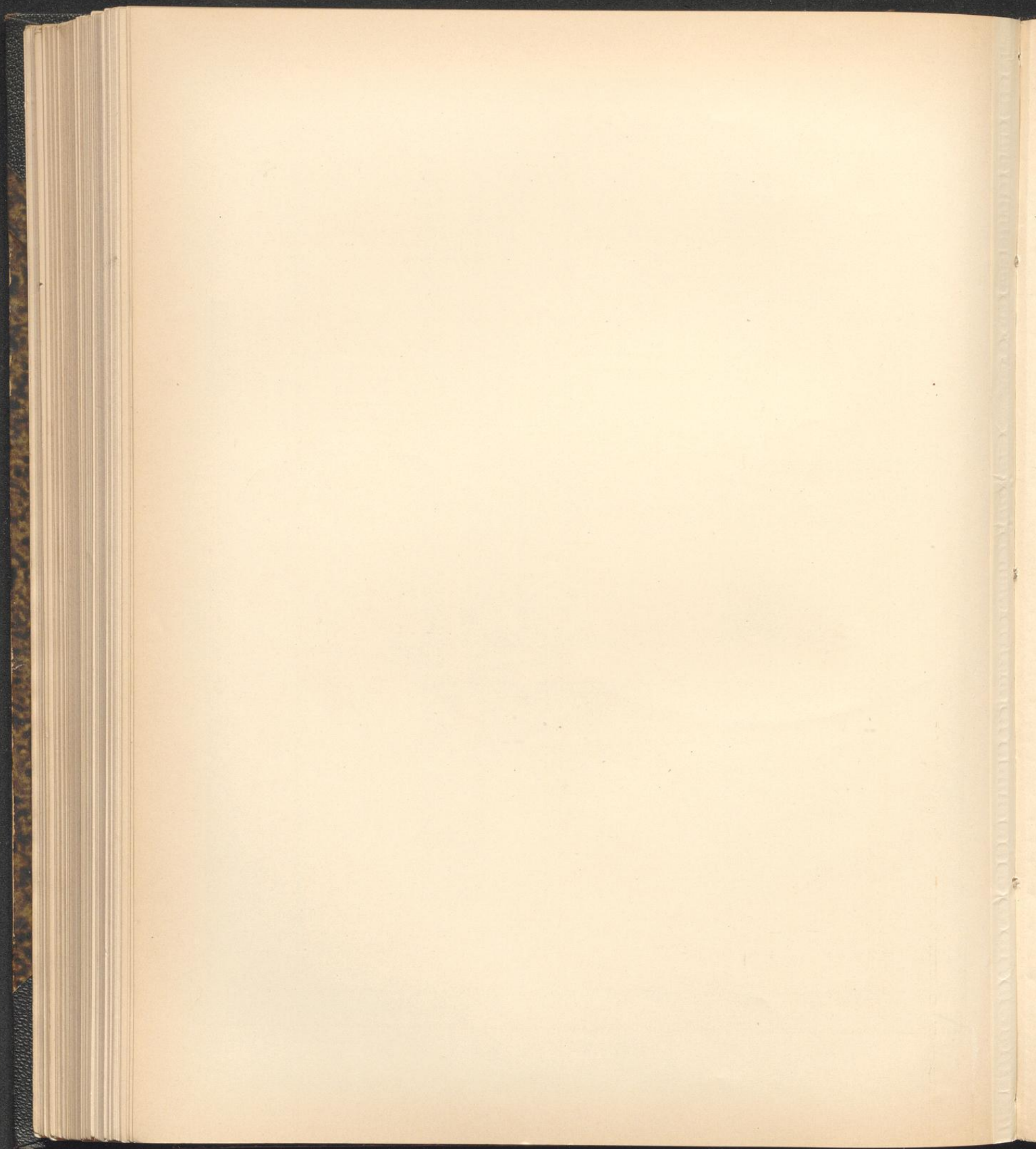


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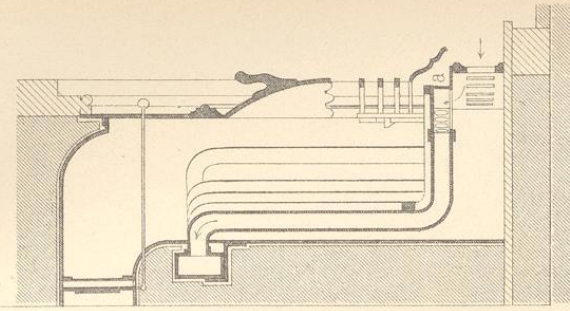


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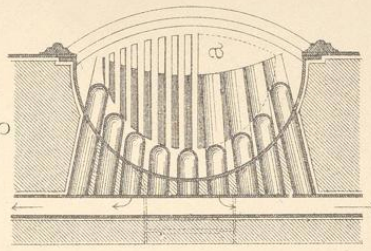


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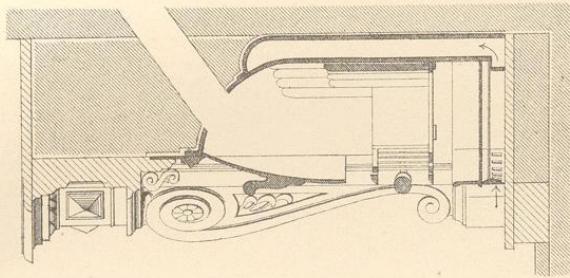


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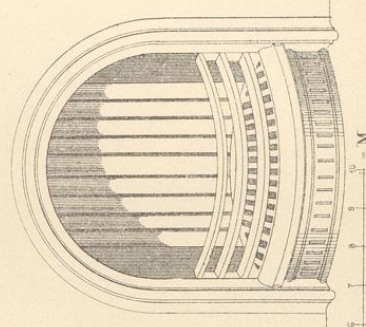


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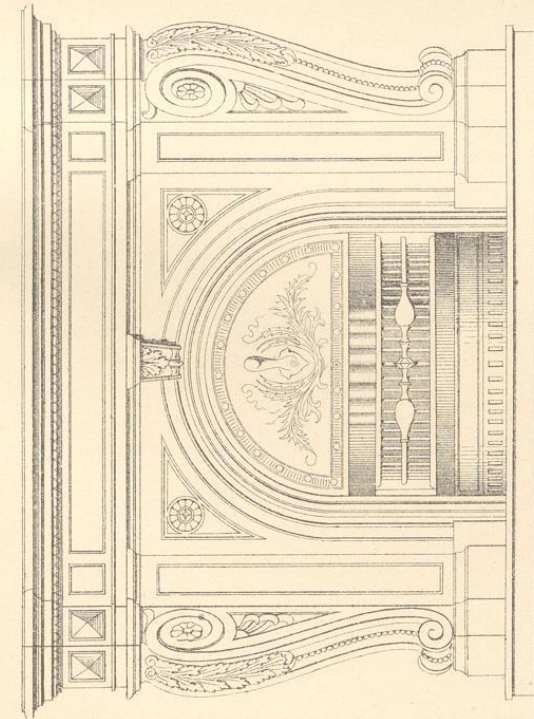
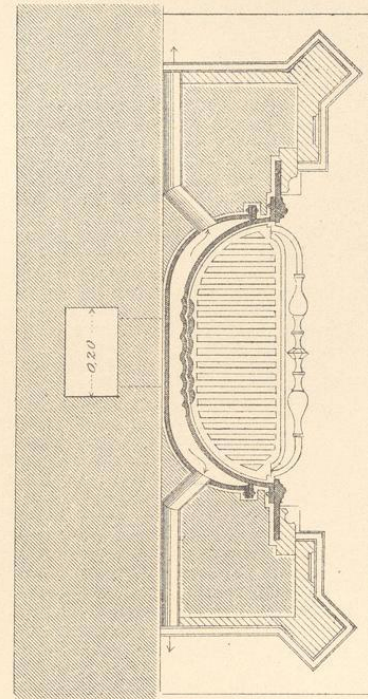


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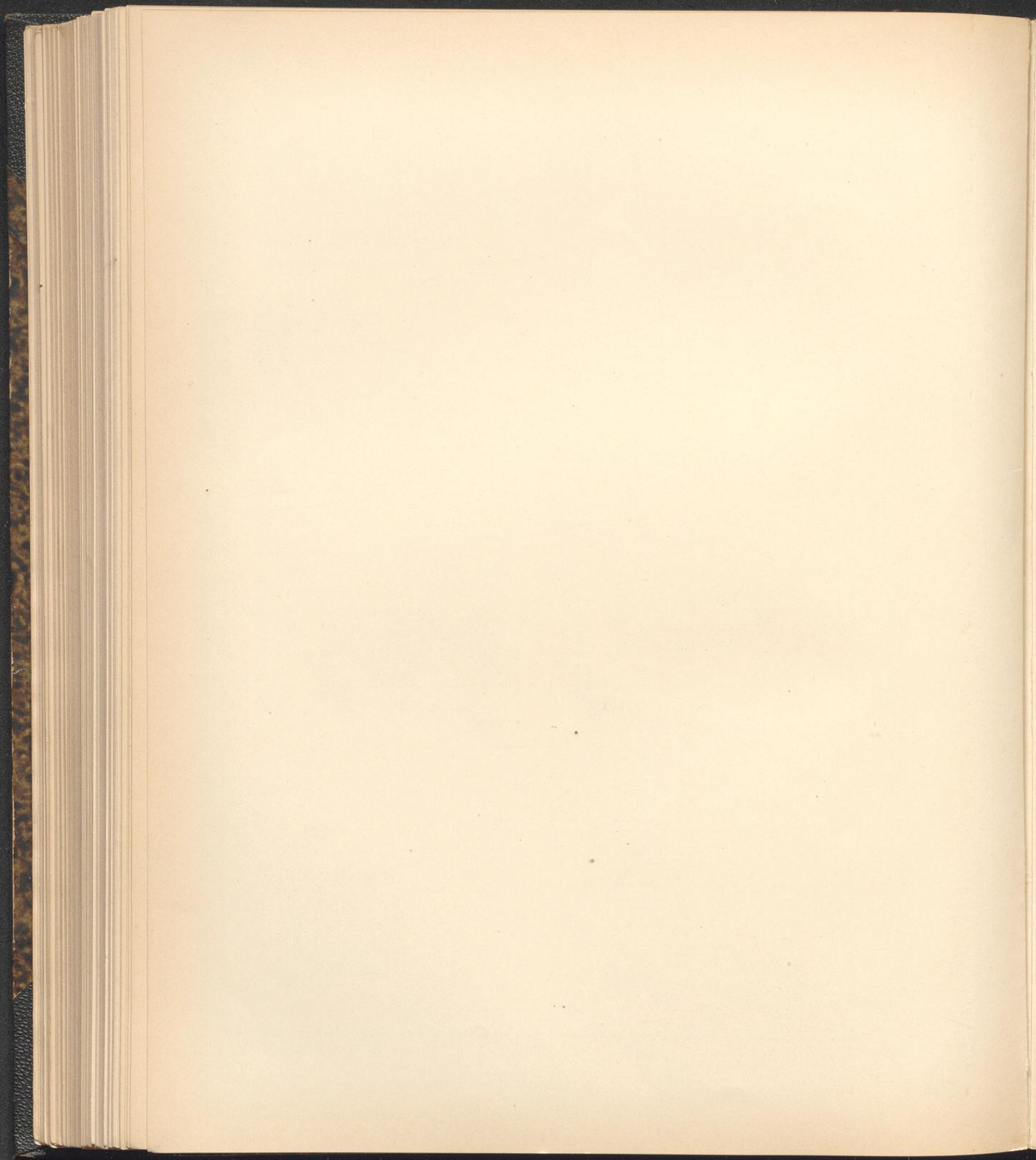


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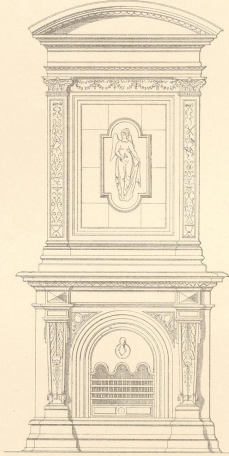


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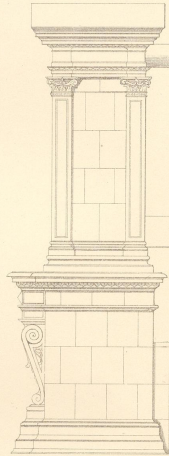


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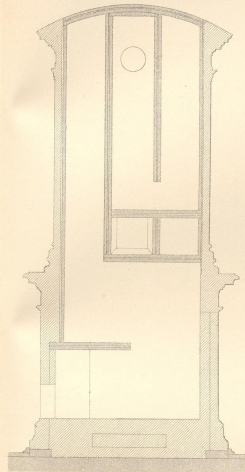


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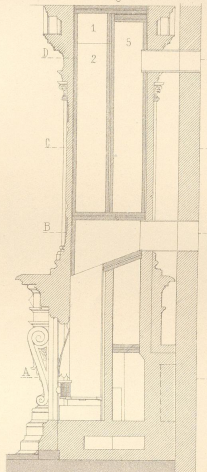


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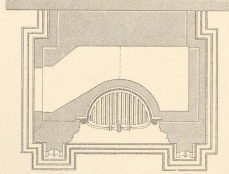


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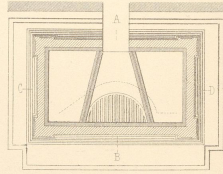


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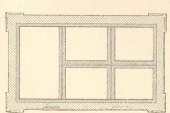
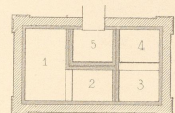
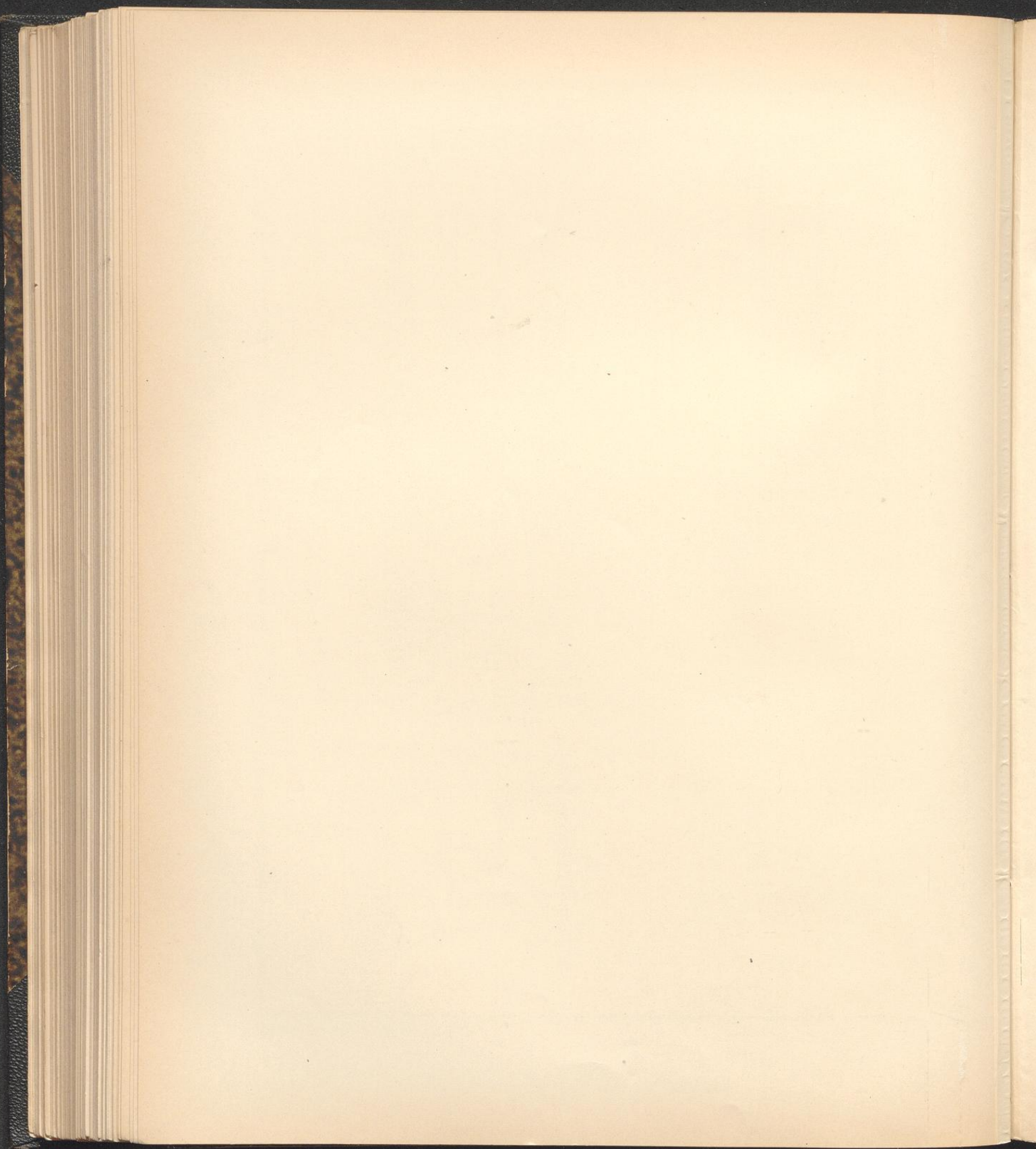
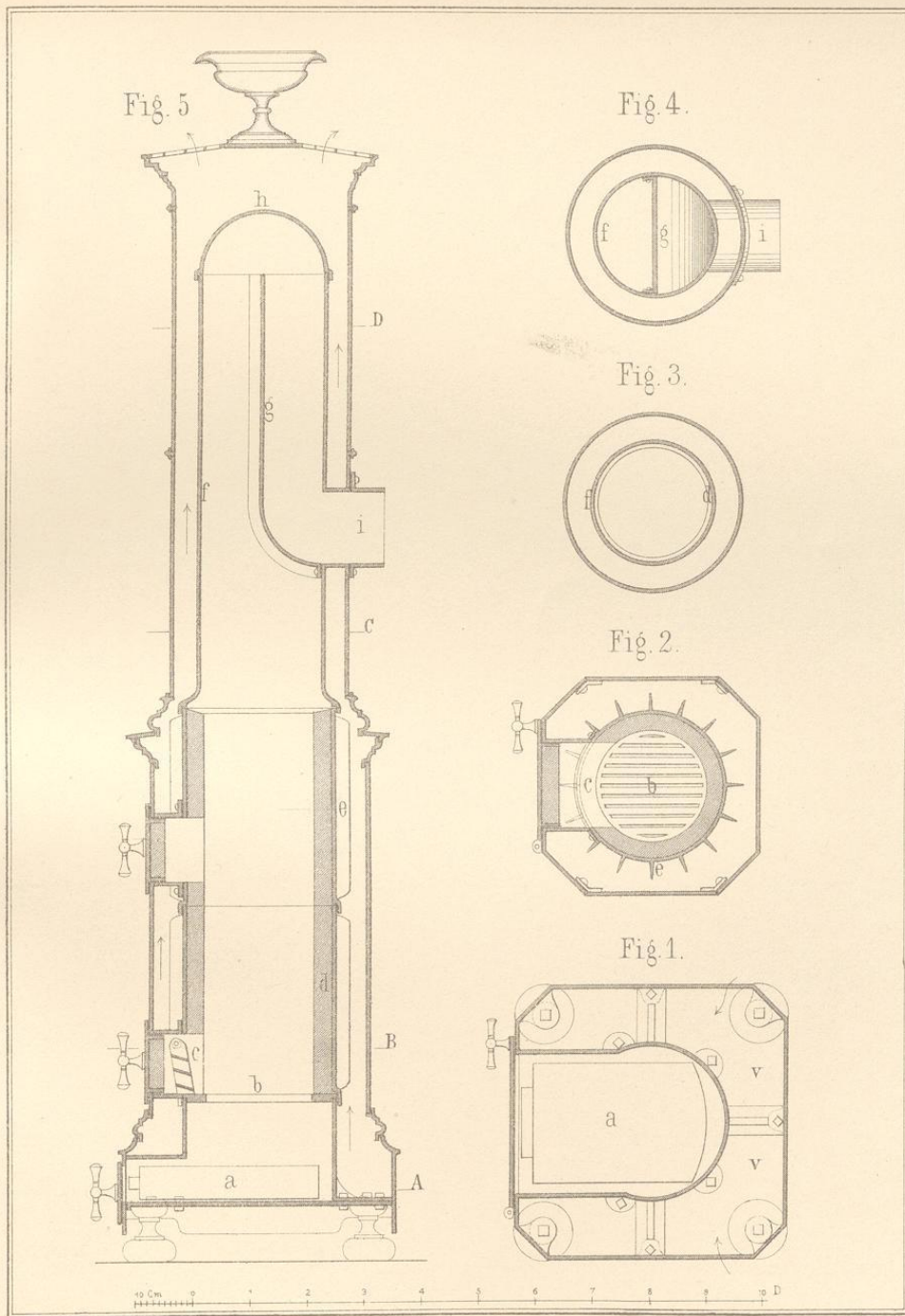
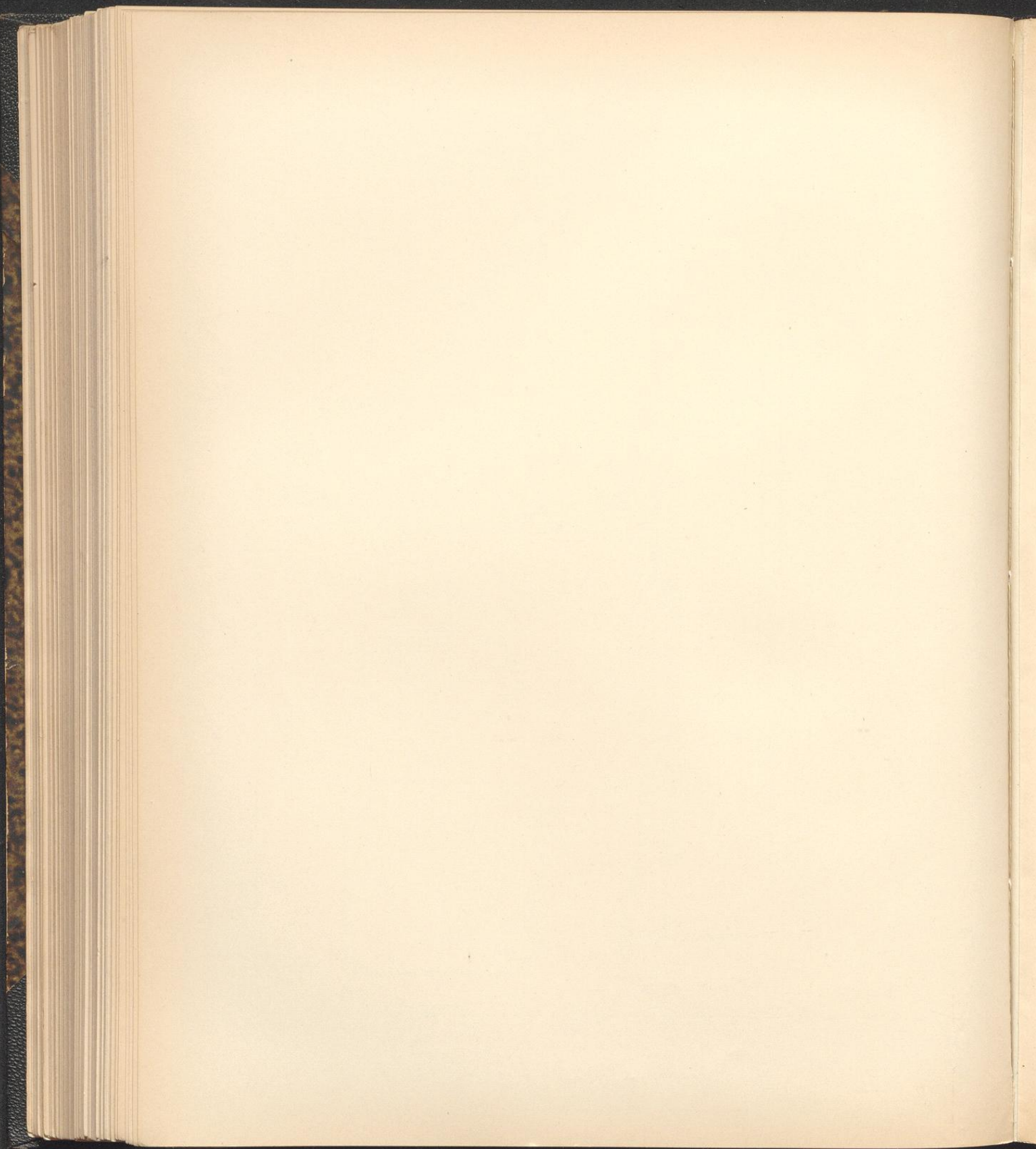


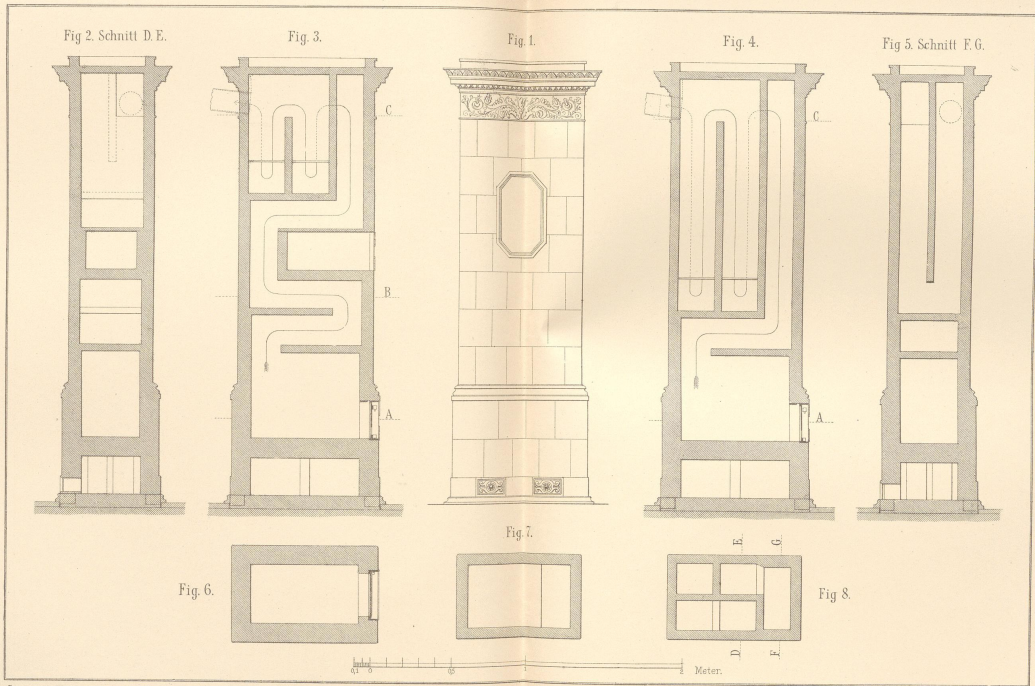
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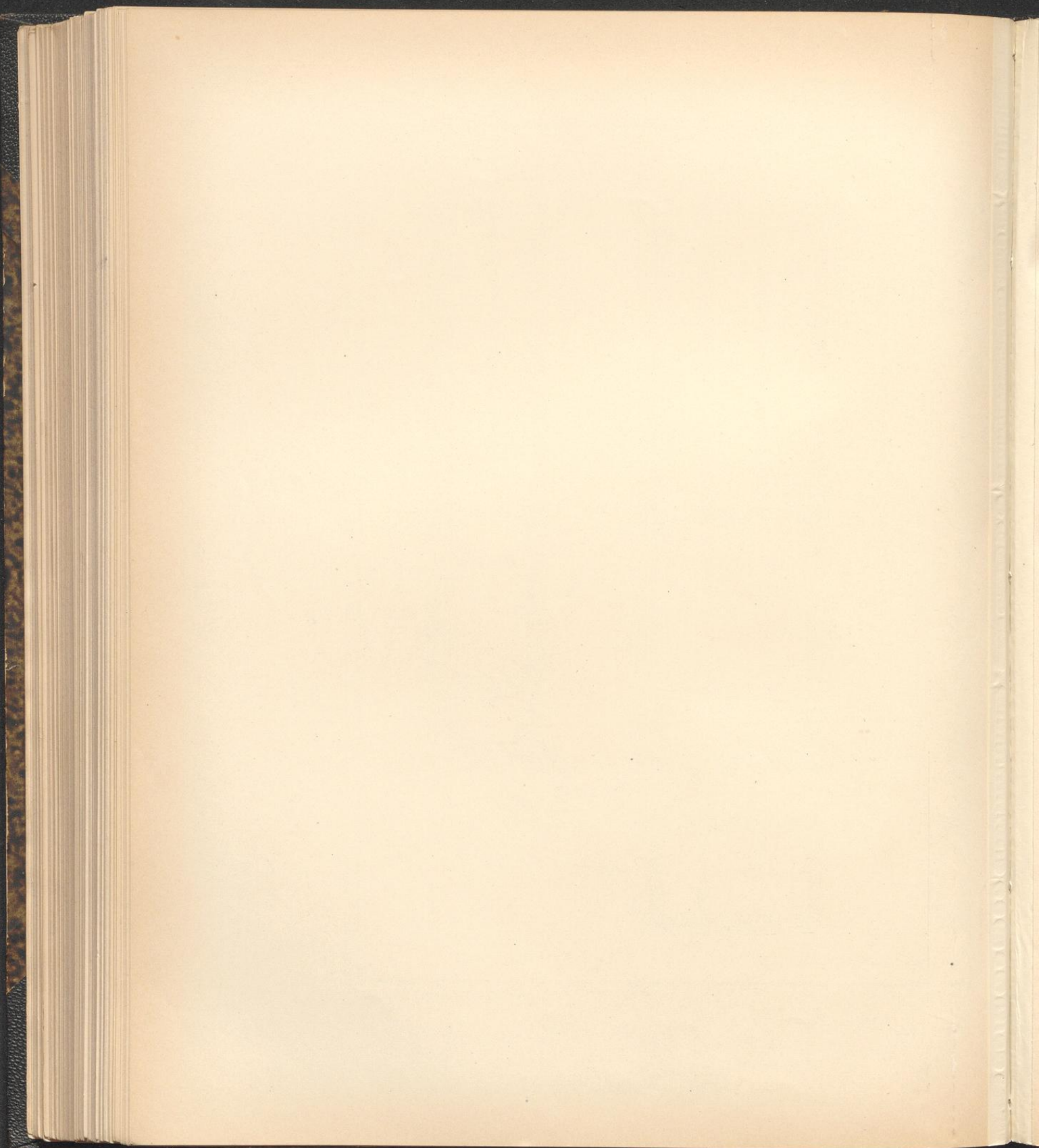


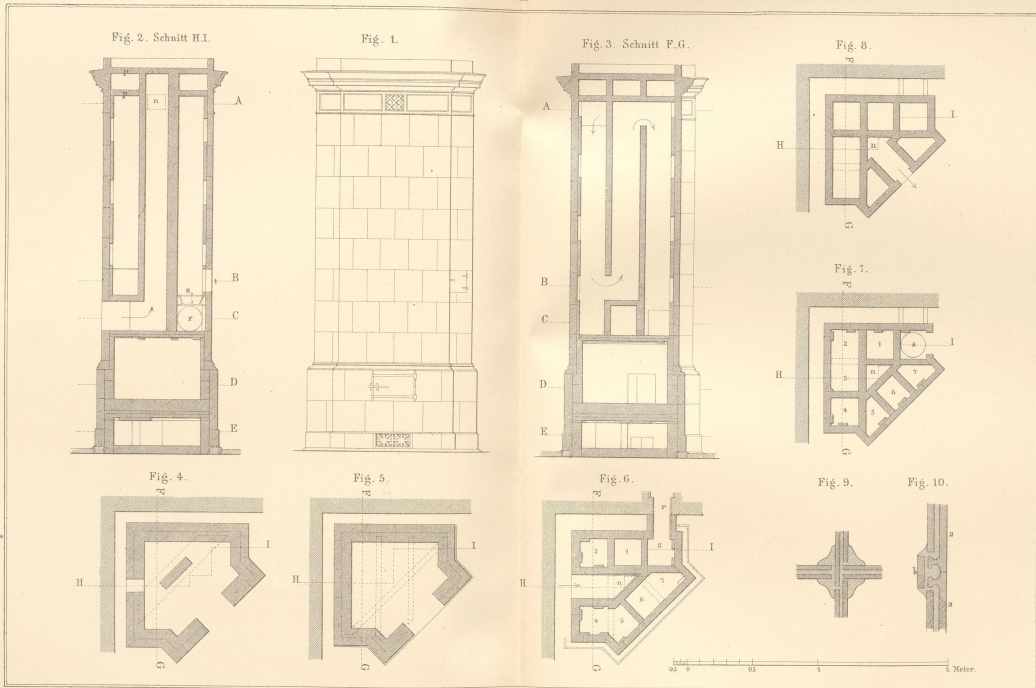






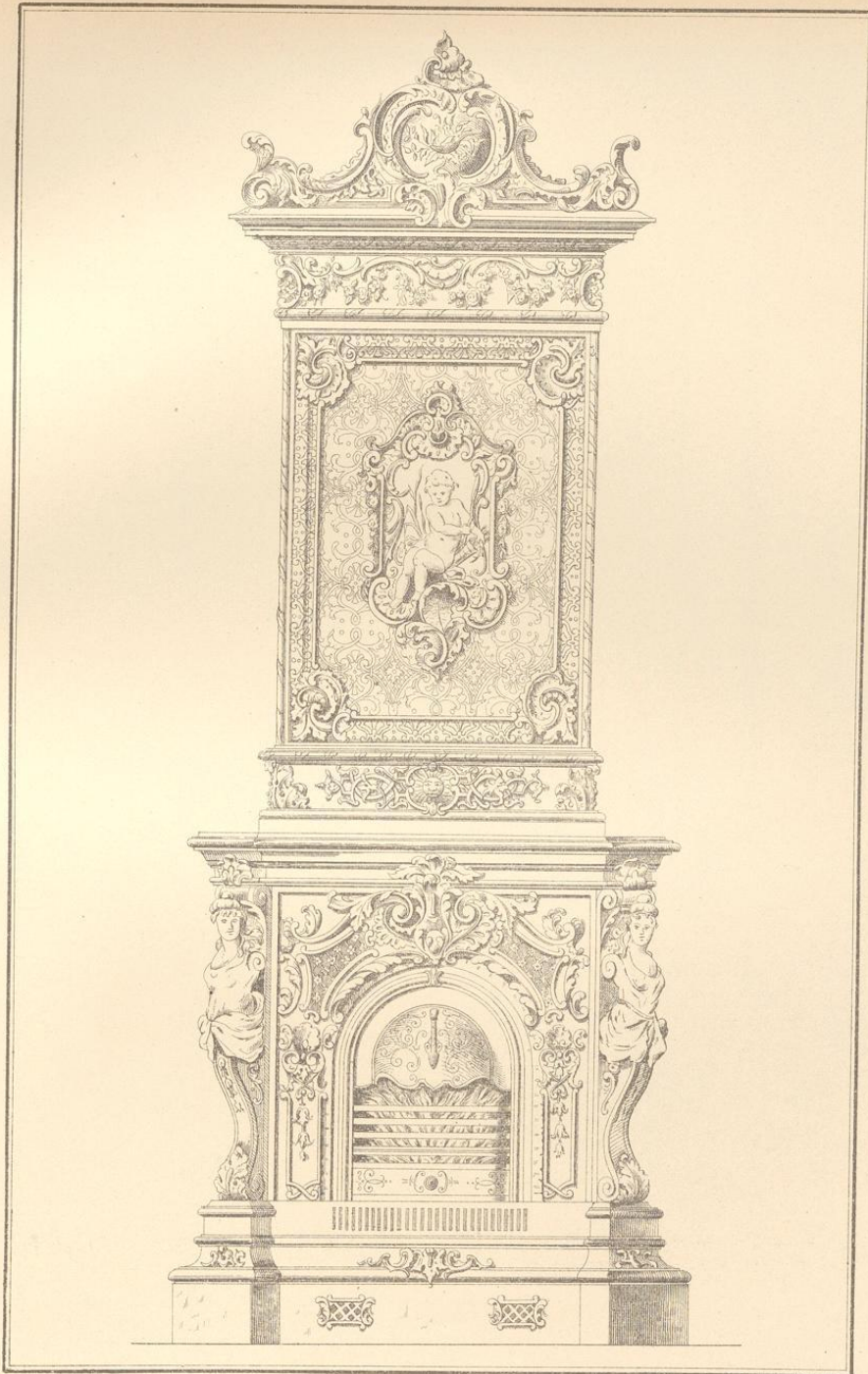






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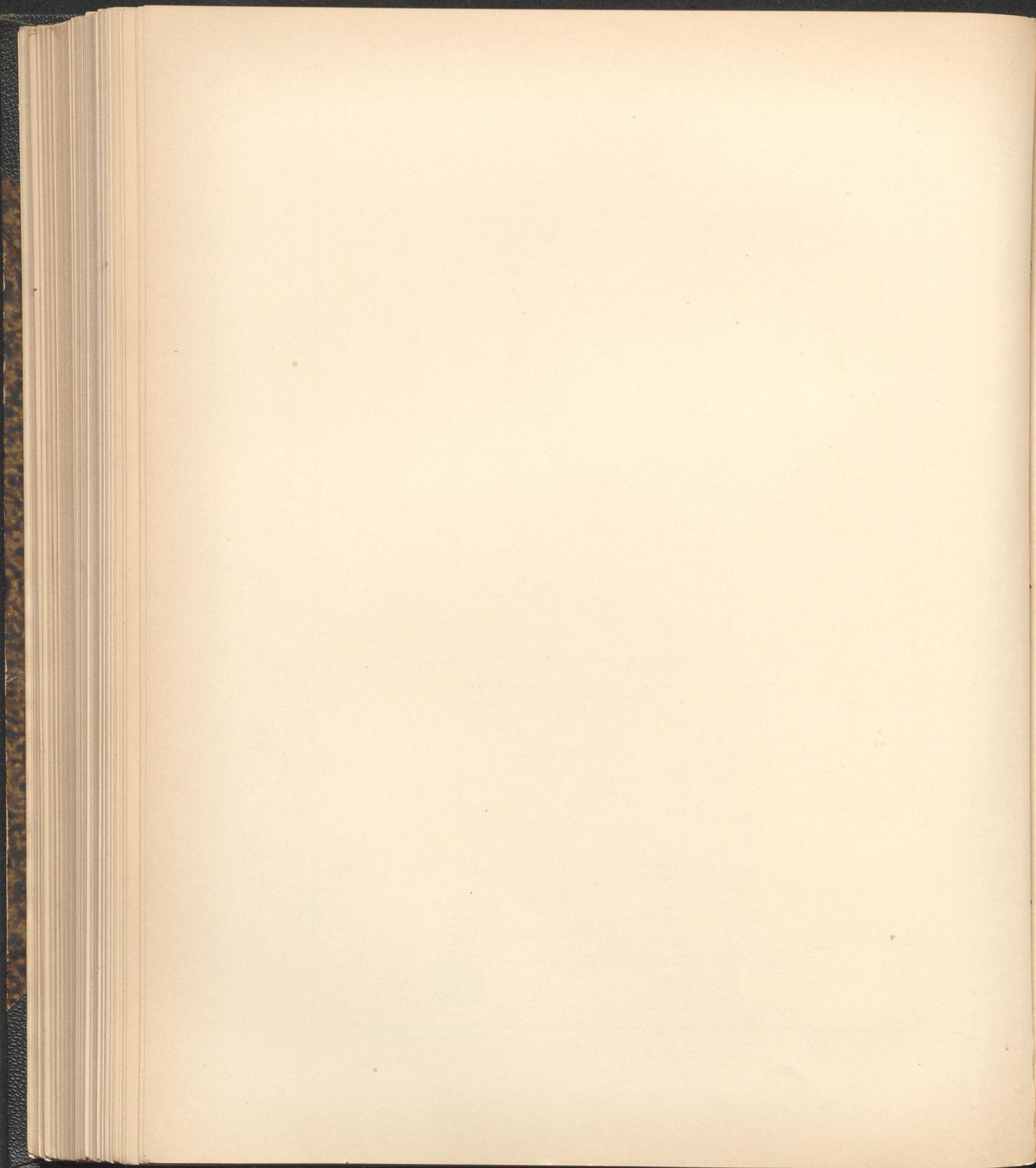


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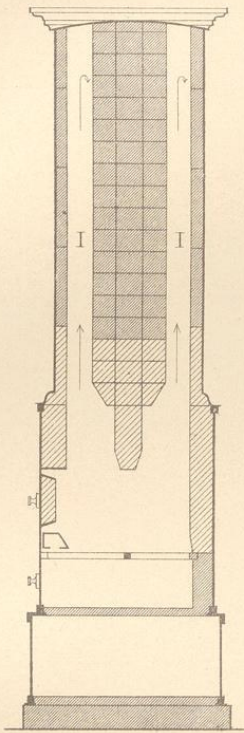


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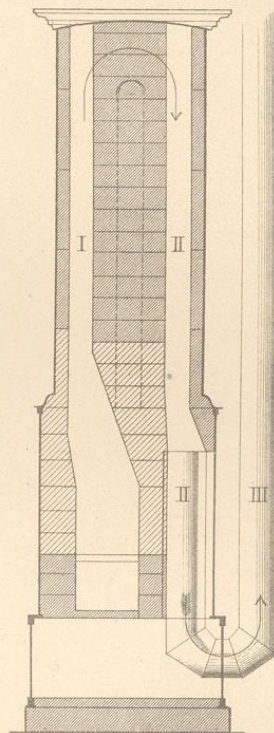


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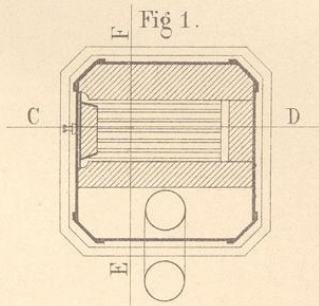
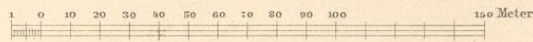
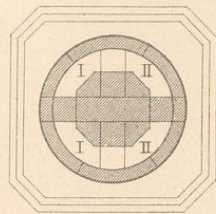
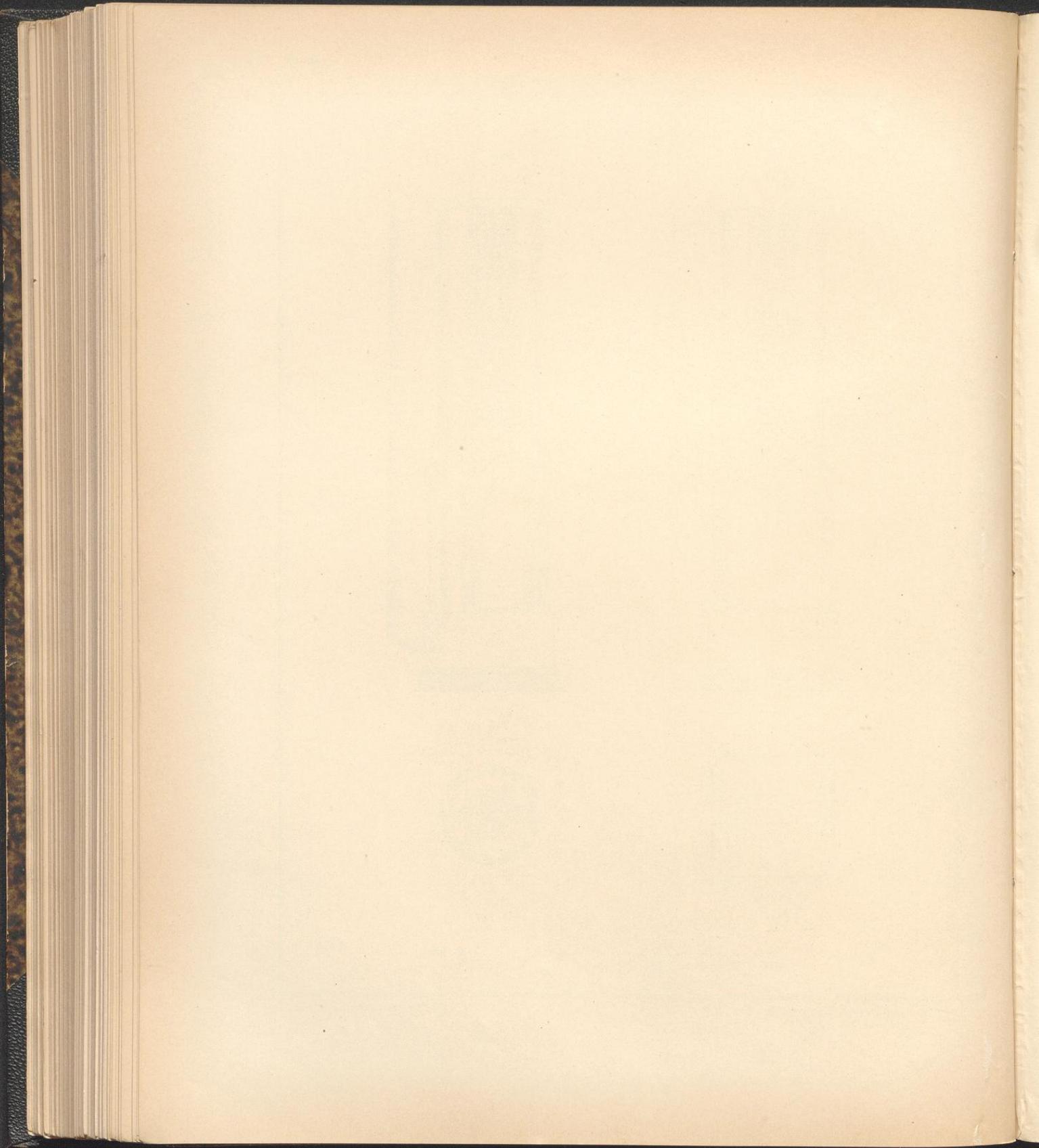
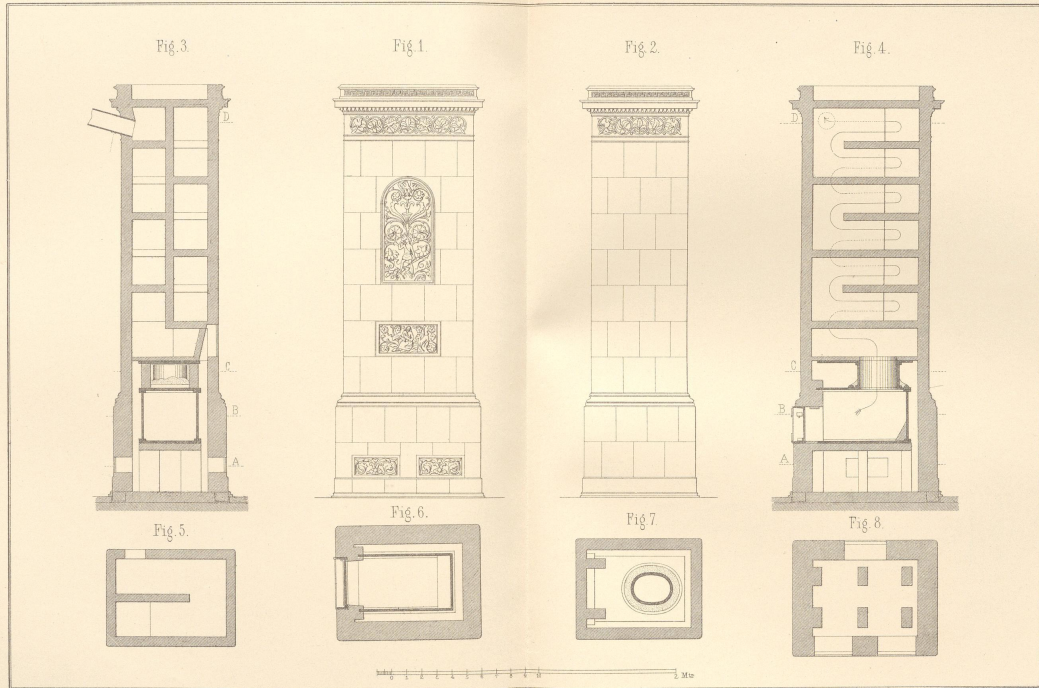


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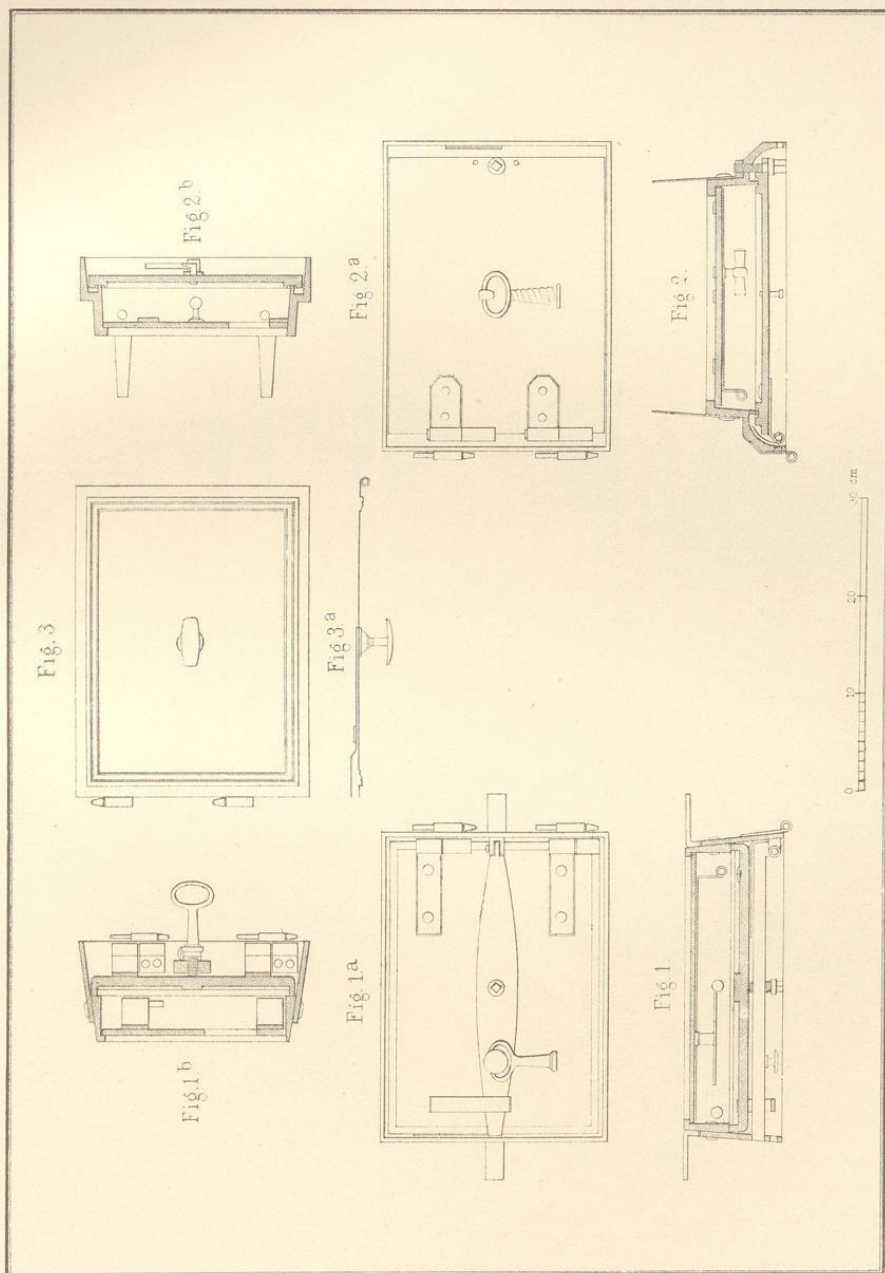


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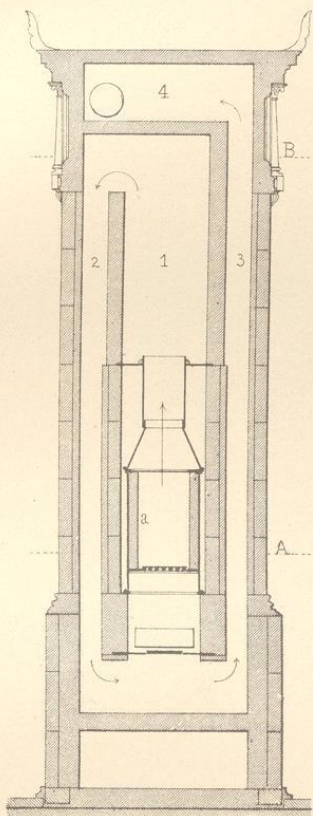


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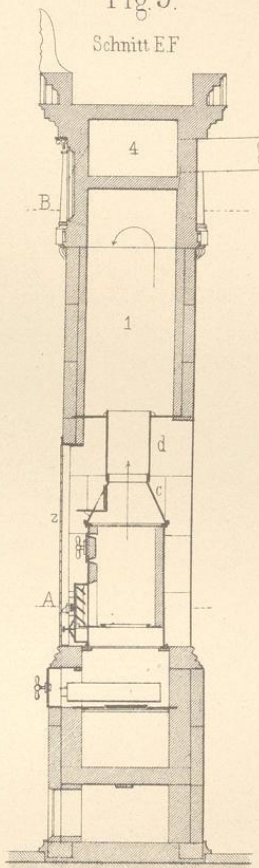


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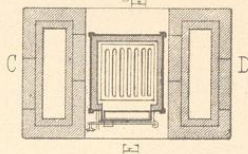
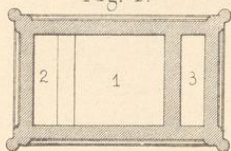
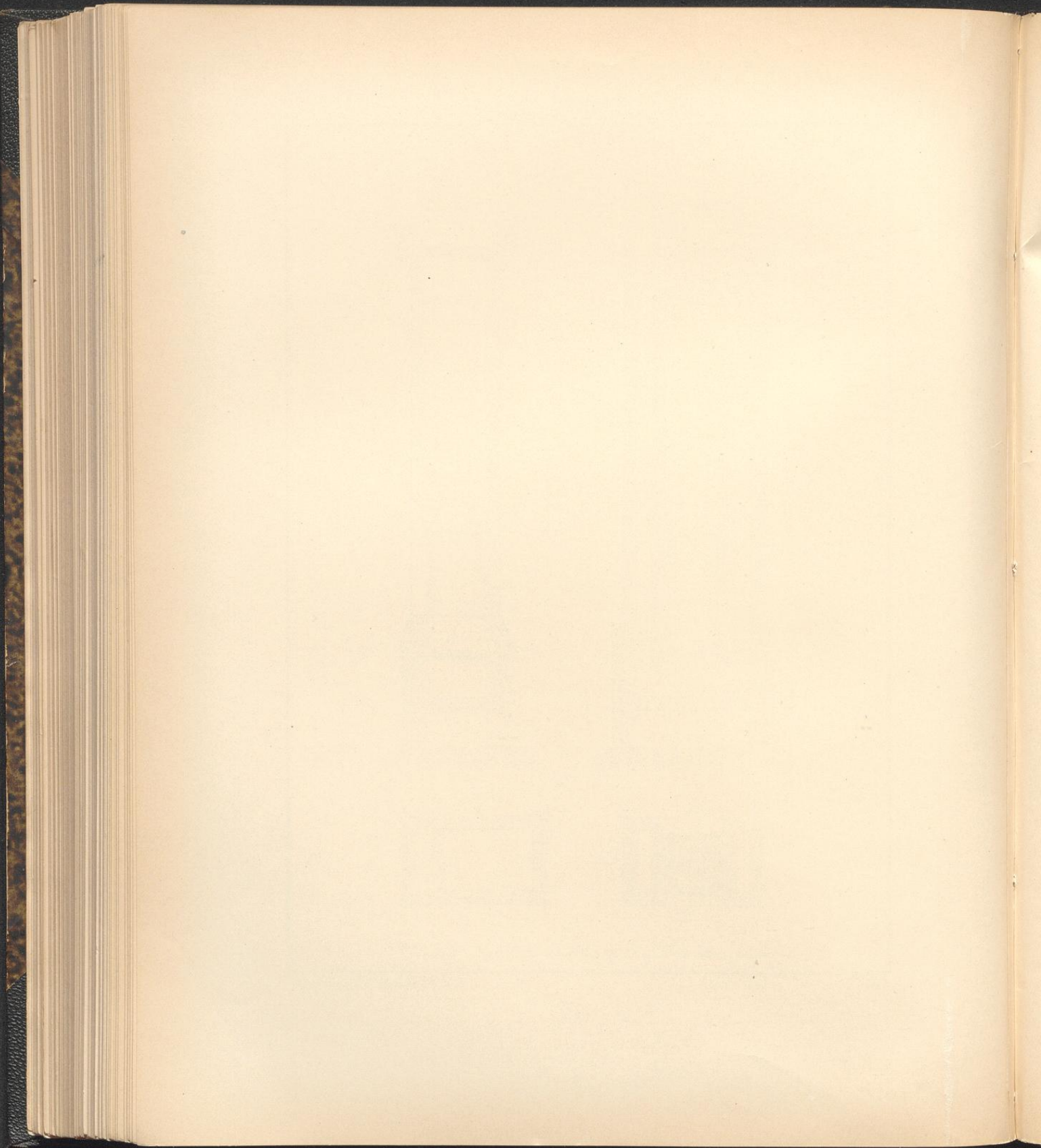
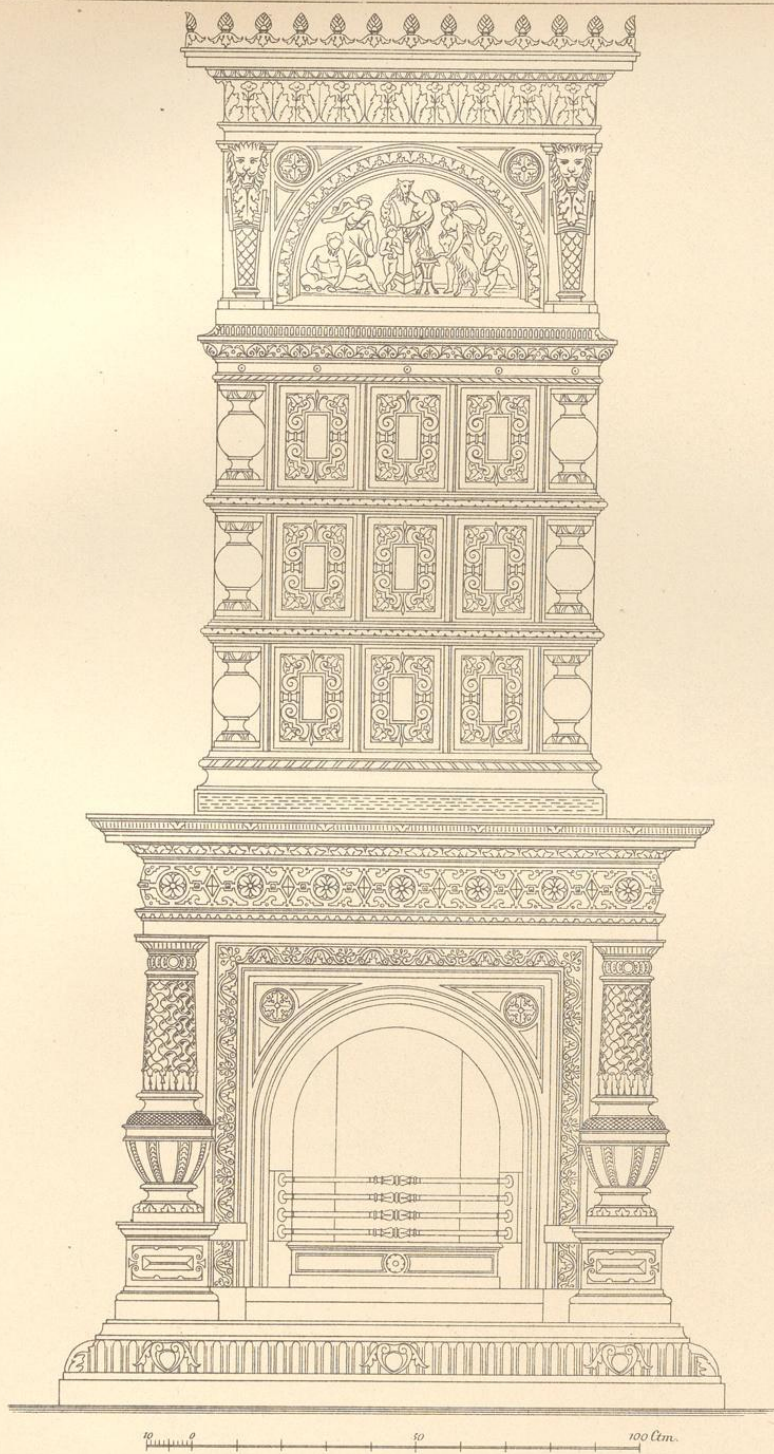


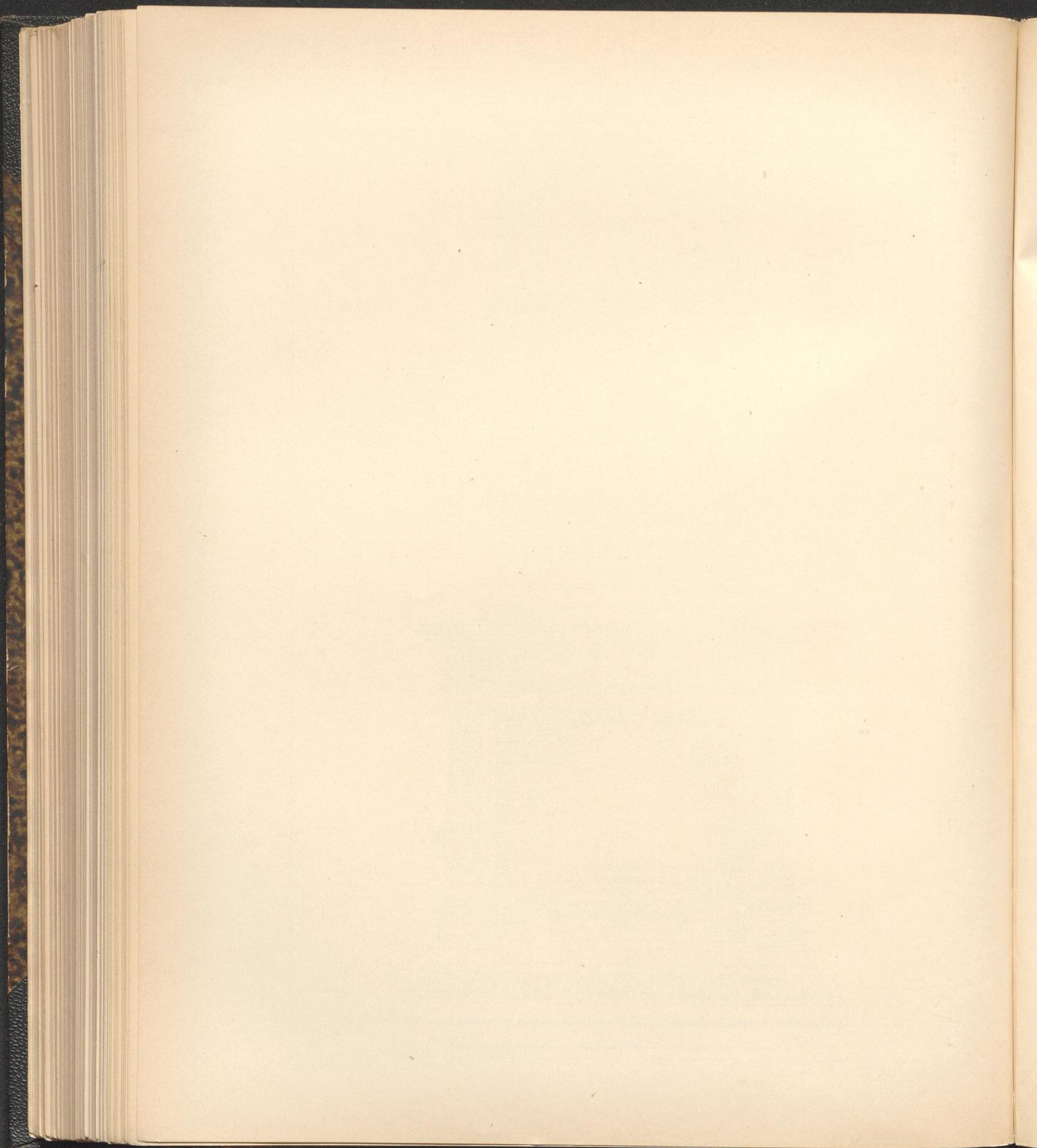
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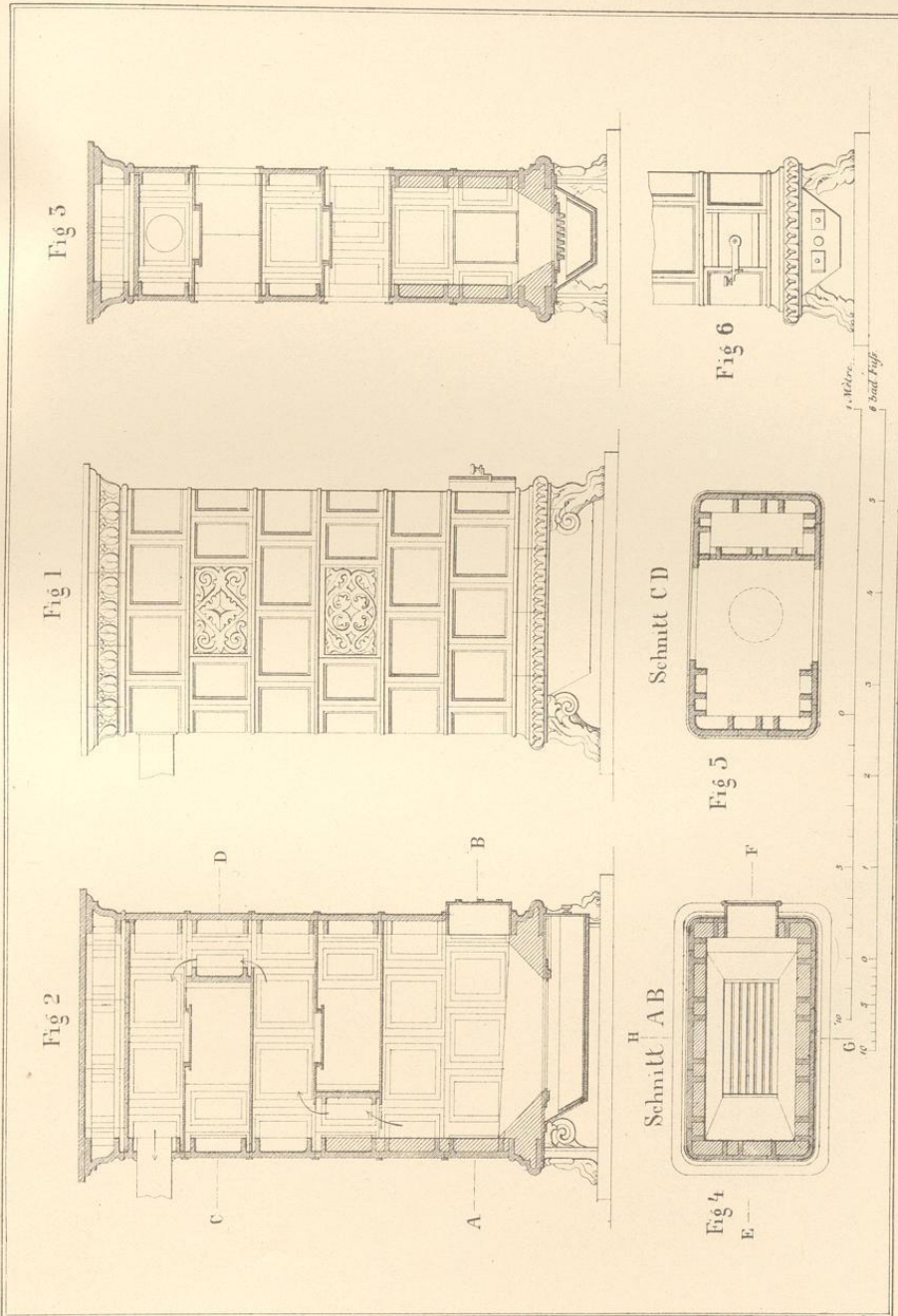


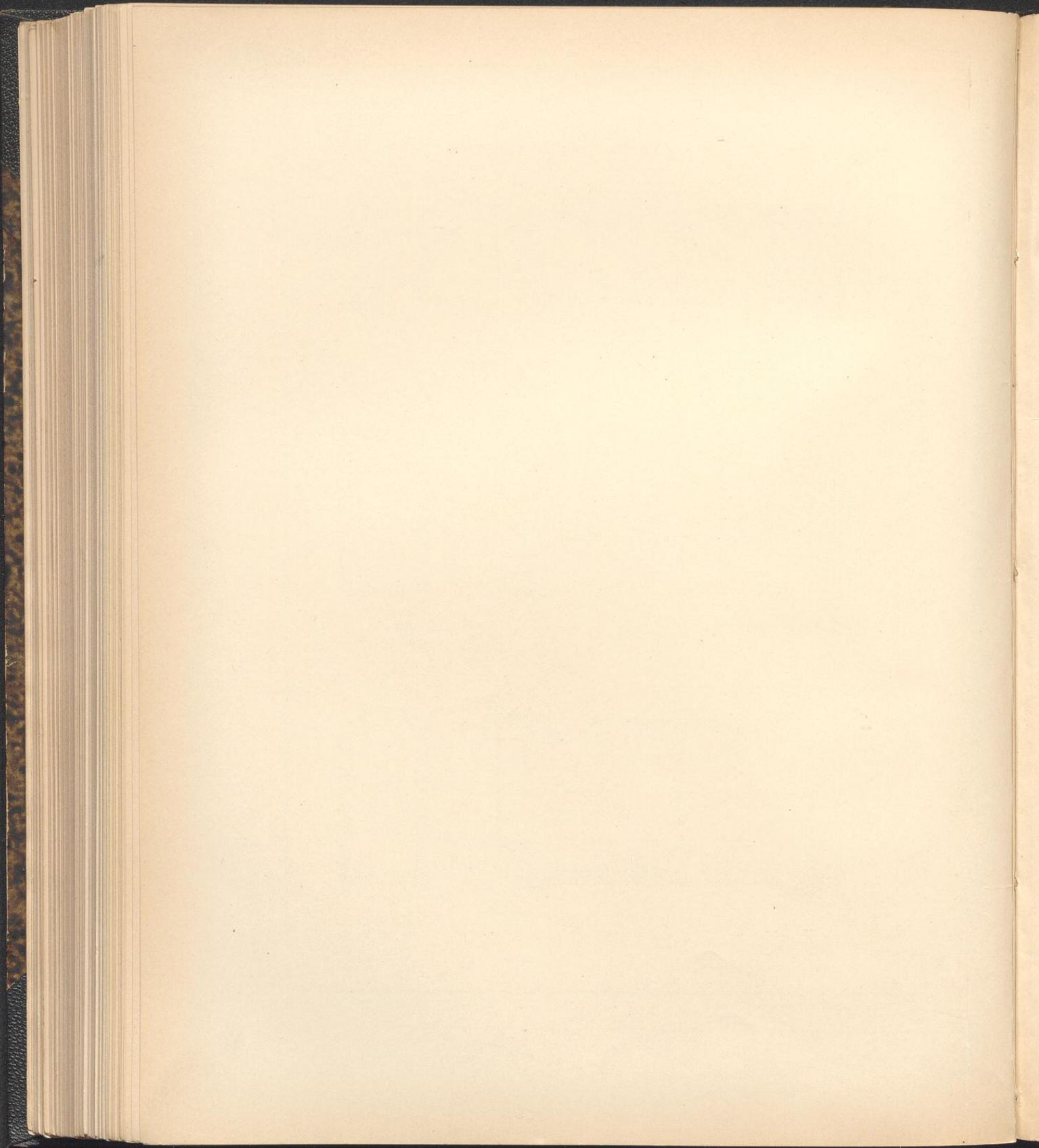
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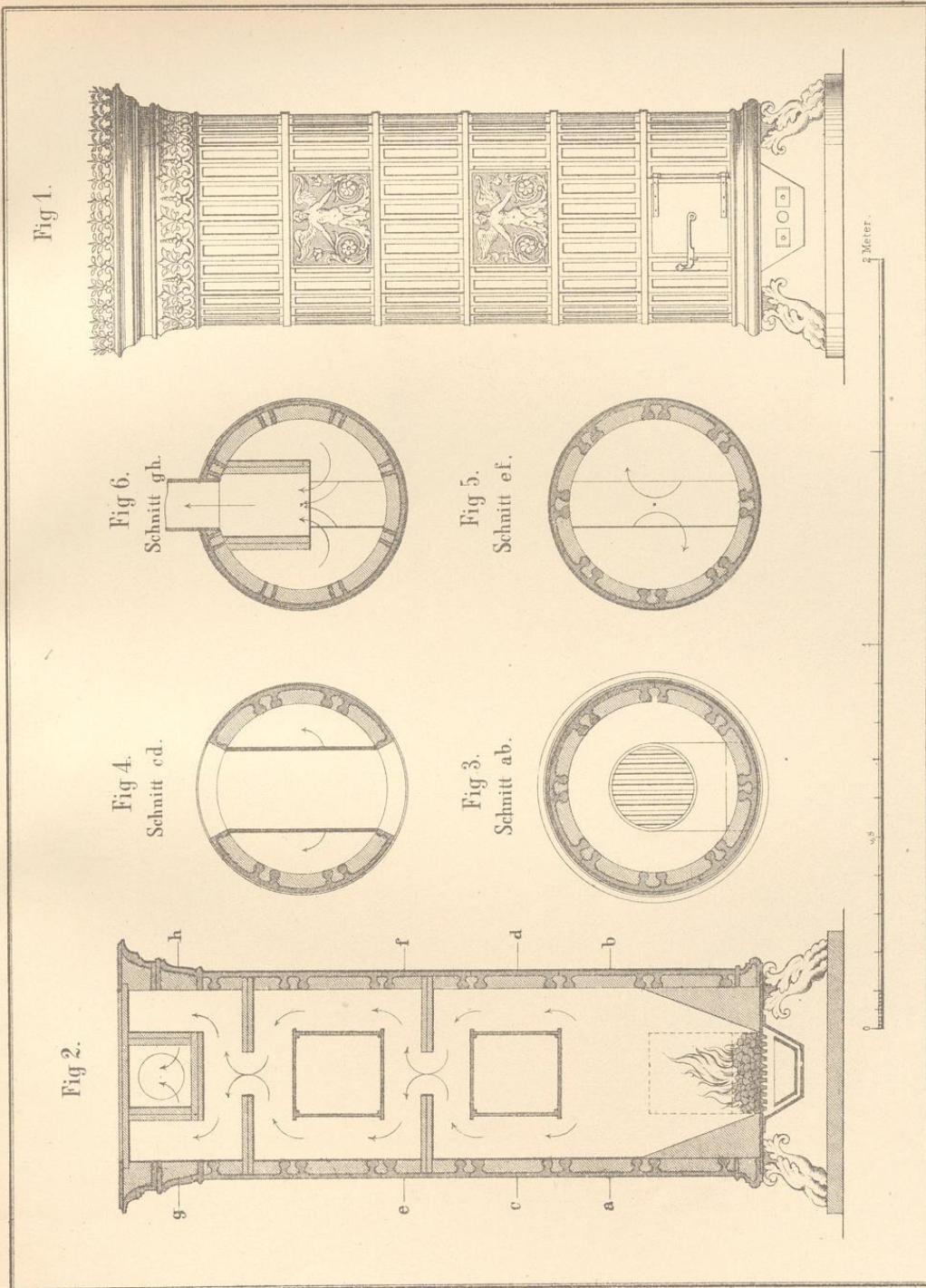


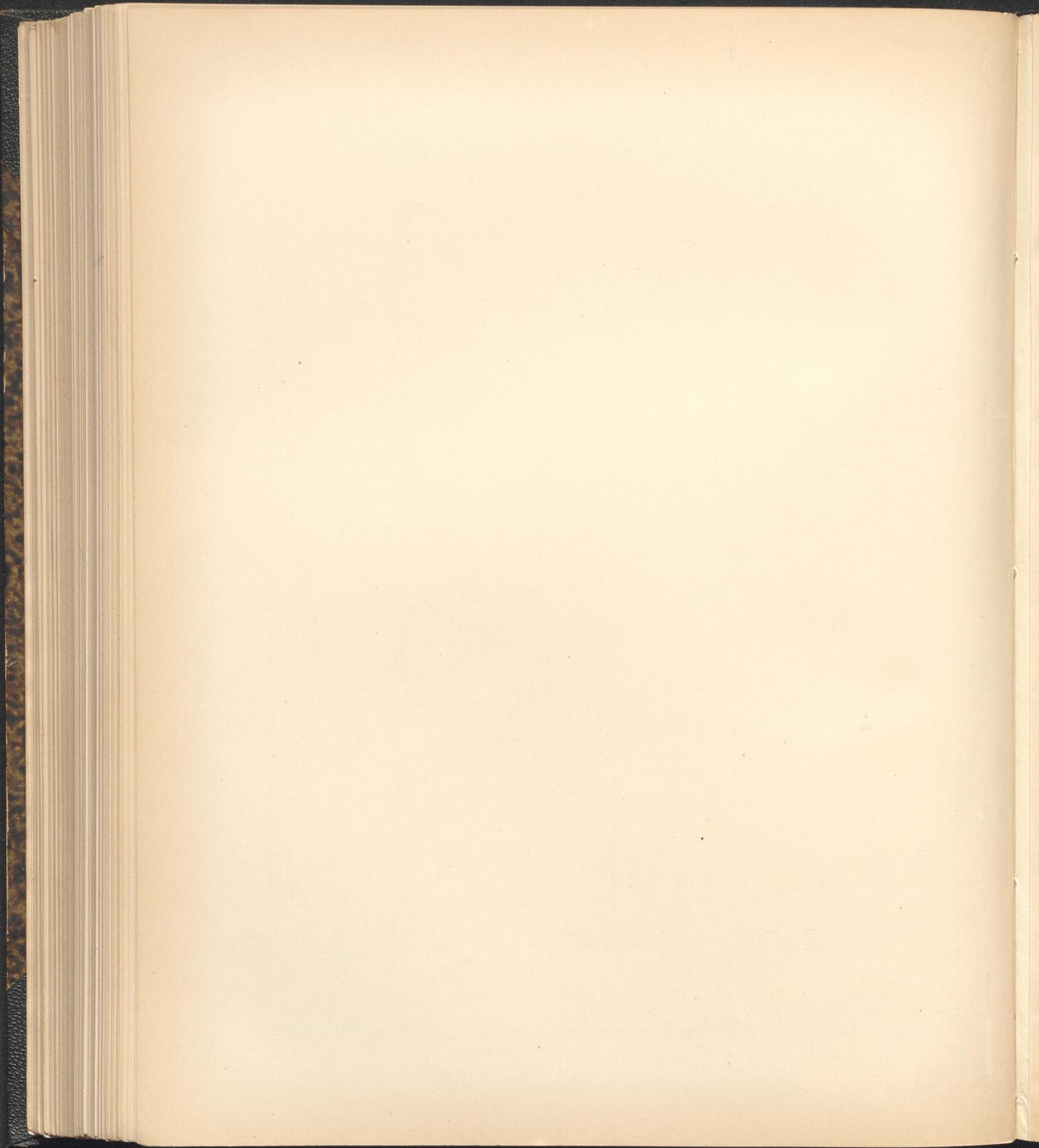


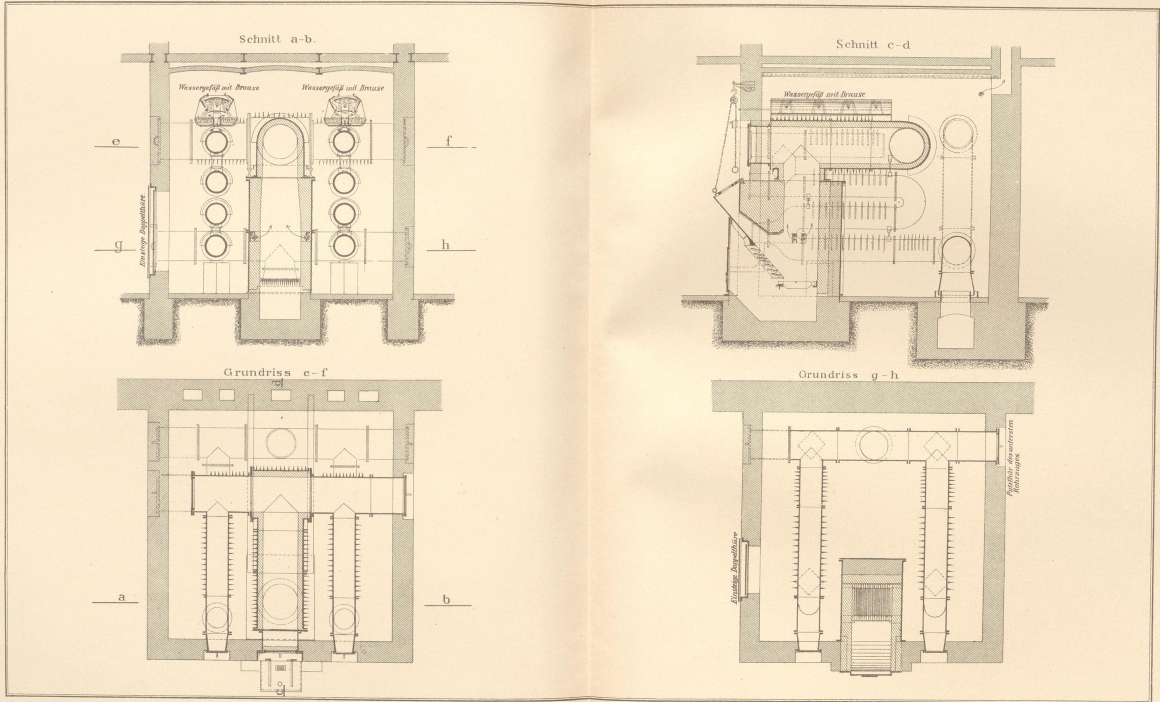


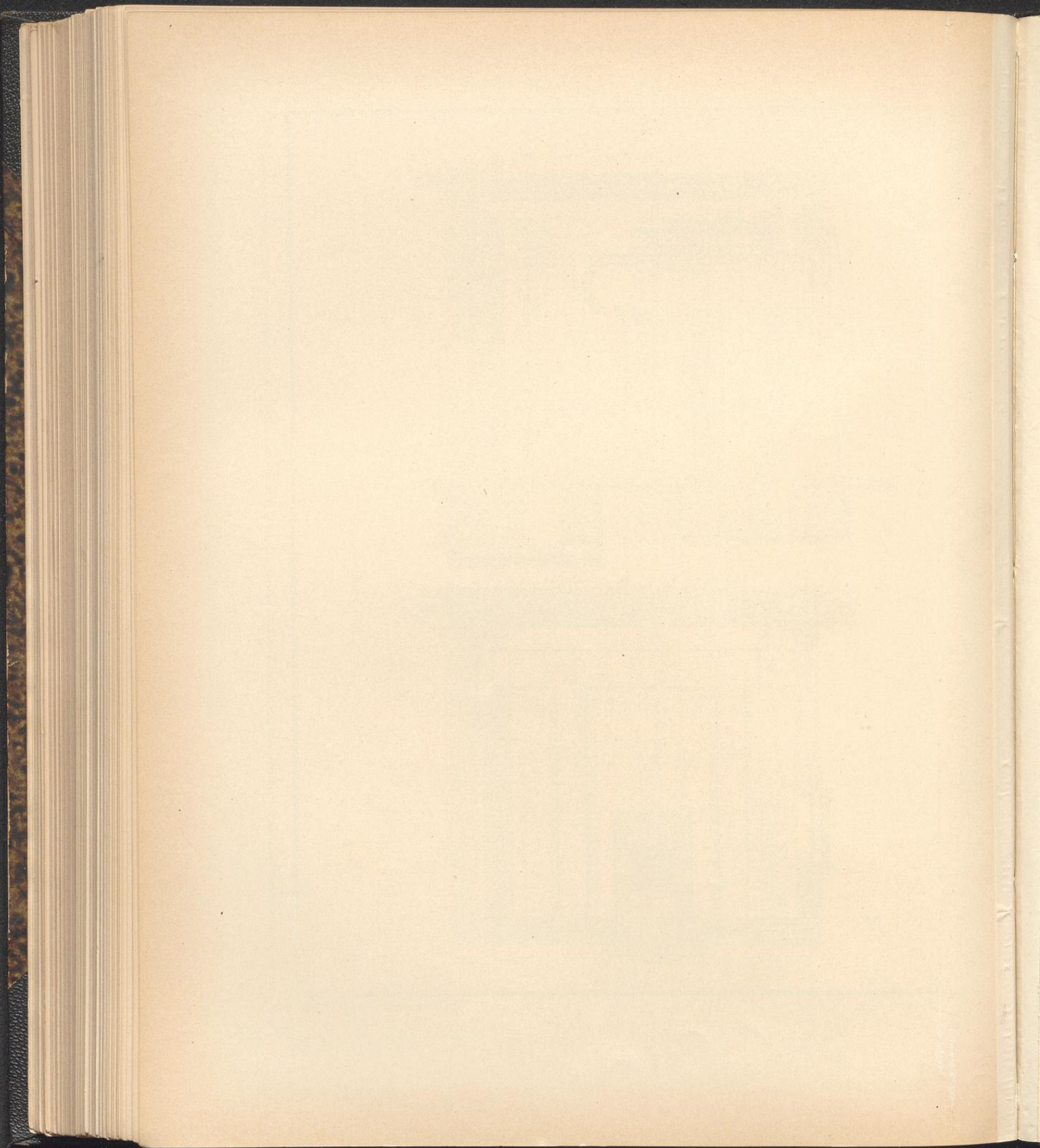




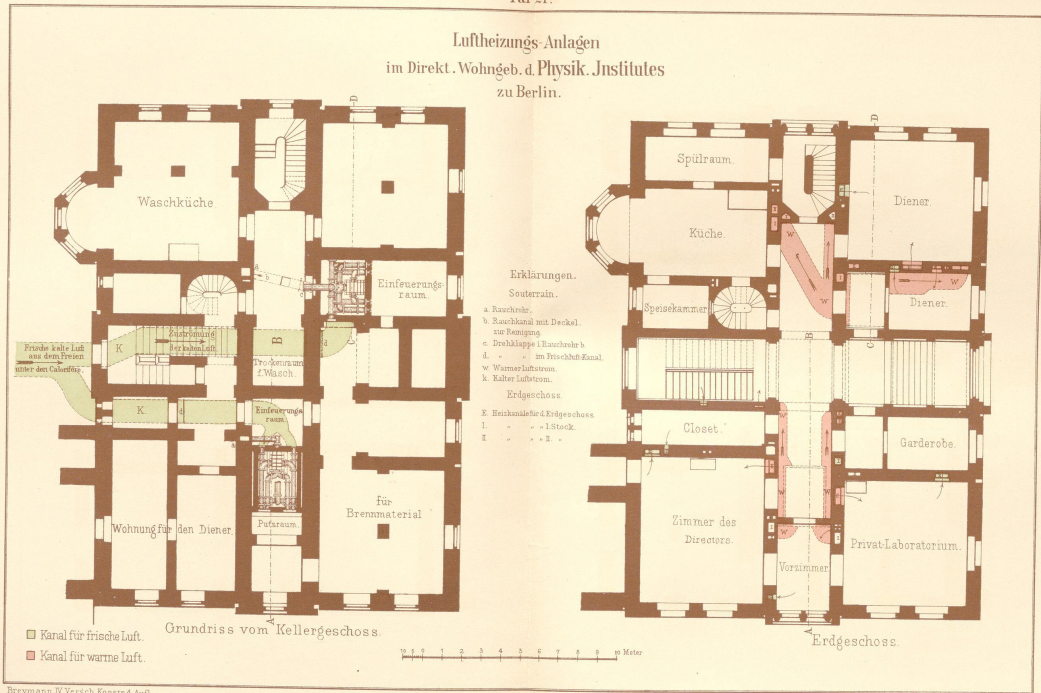






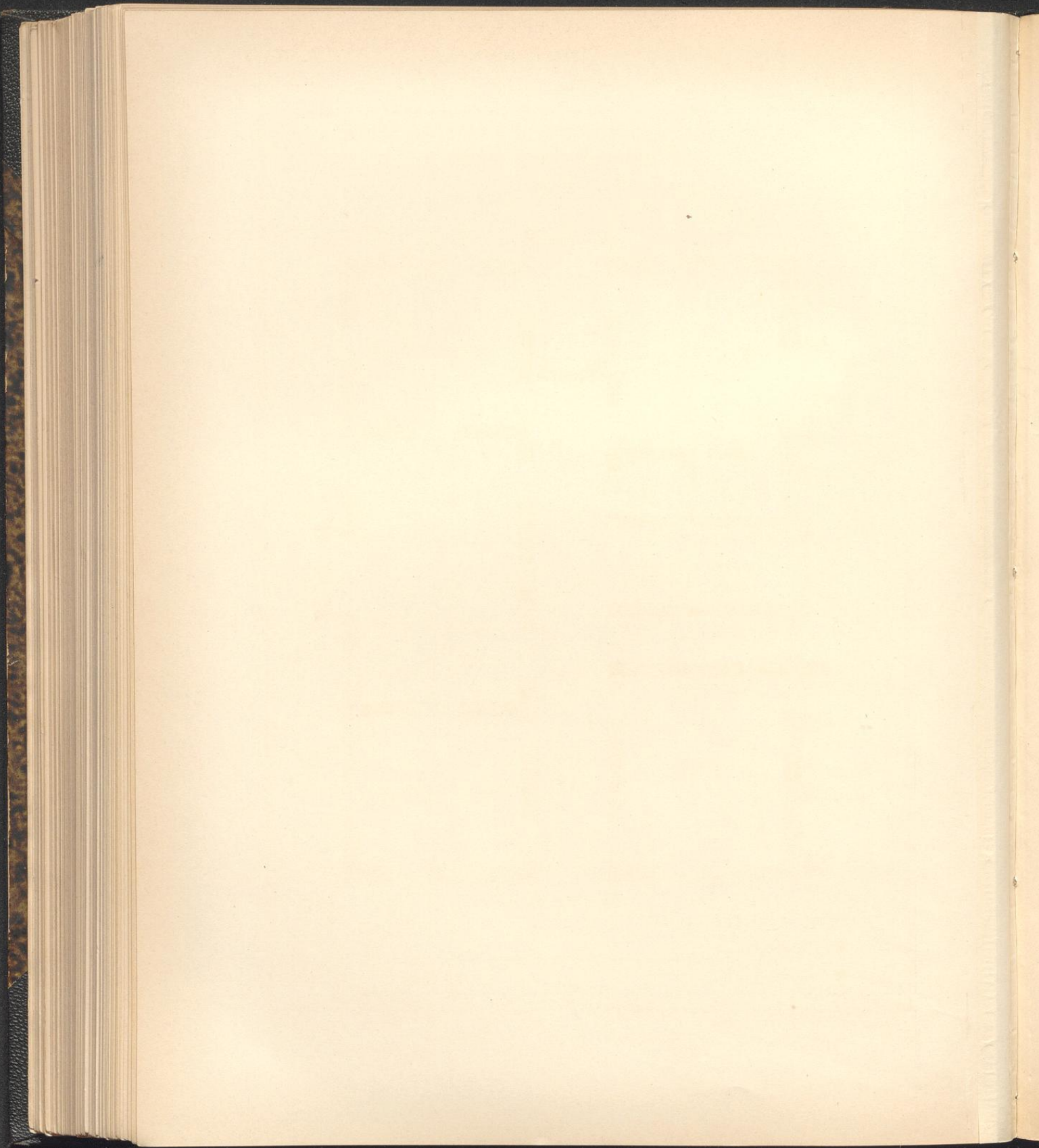


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zu Berlin.

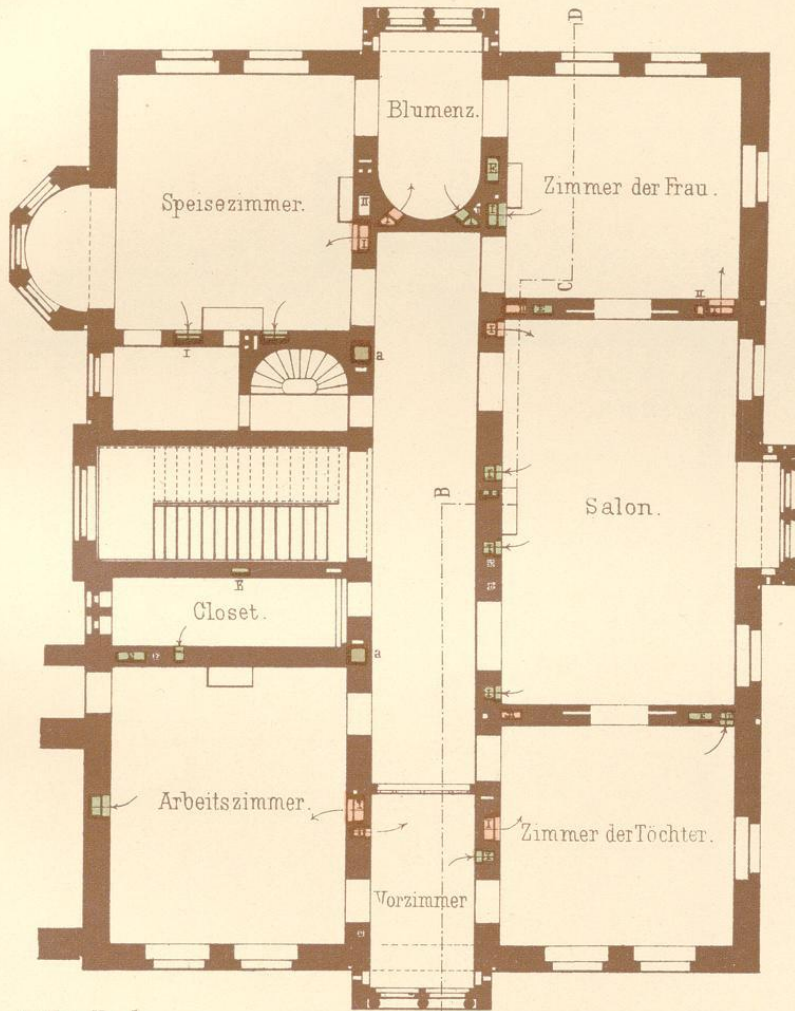


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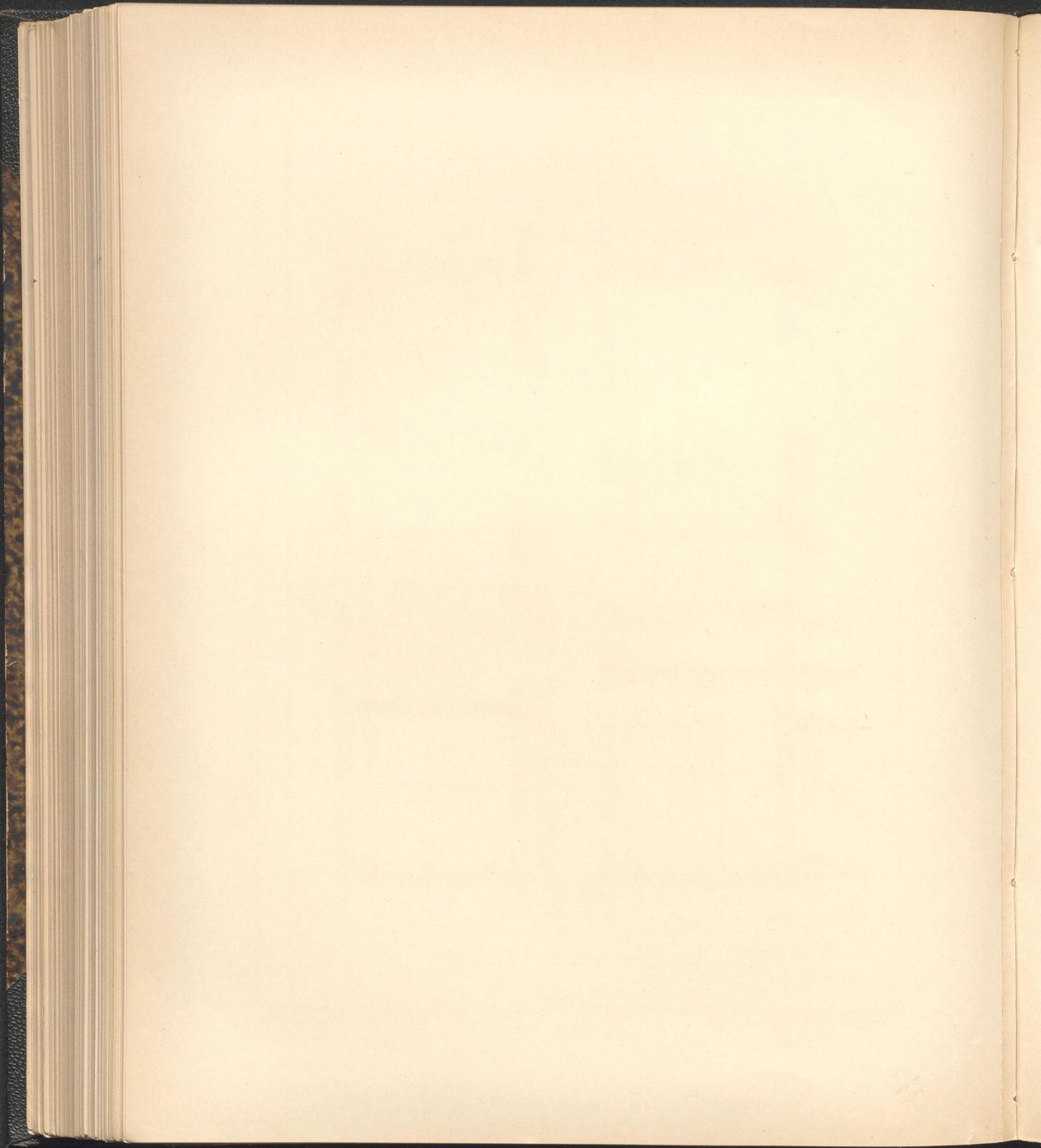


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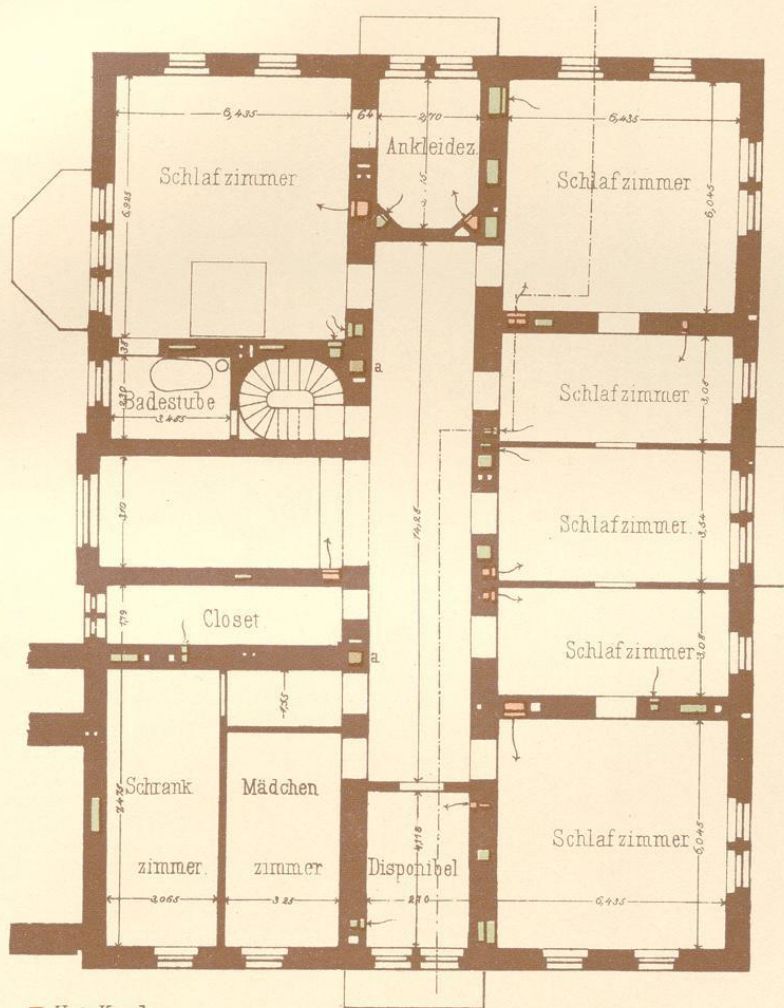


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- Heiz Kanäle.
- Lüftungs-Kanäle.
- Rauchrohre



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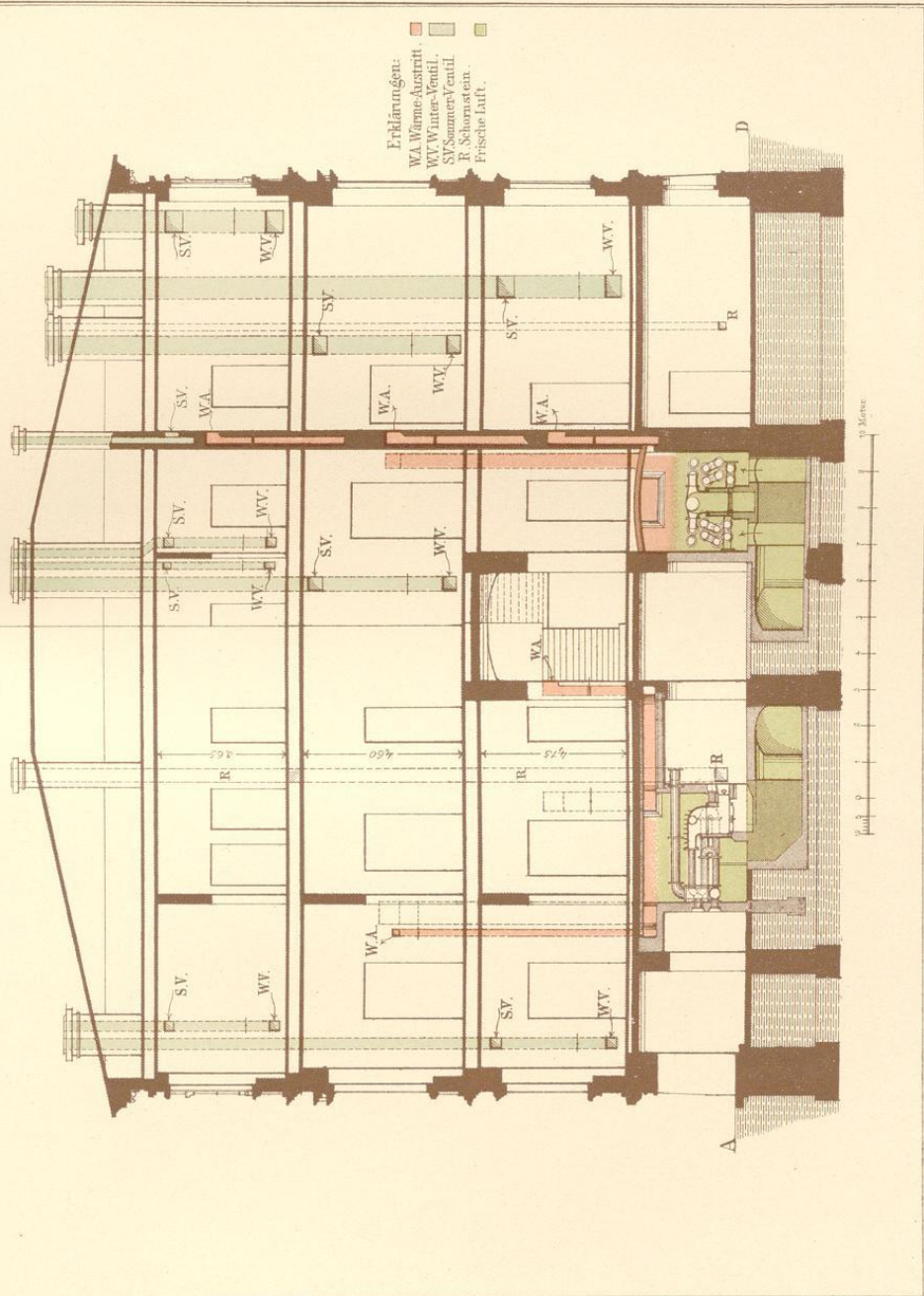
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- Lüftungs-Kanäle.
- Rauchrohre

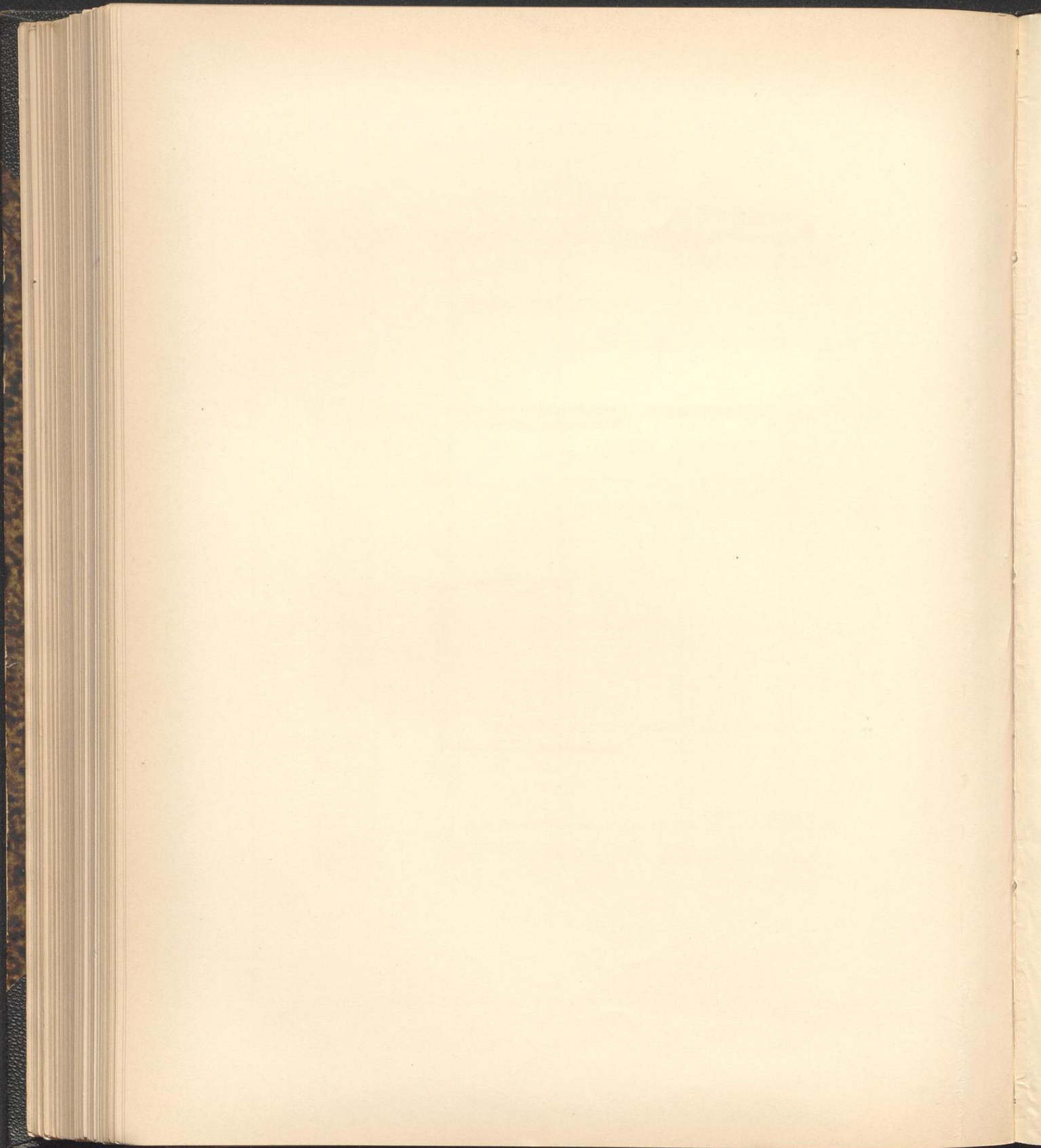
Grundriss vom zweiten Stock



Direktorial Wohngebäude des Physikalischen Instituts zu Berlin.

Längenschnitt nach ABCD.





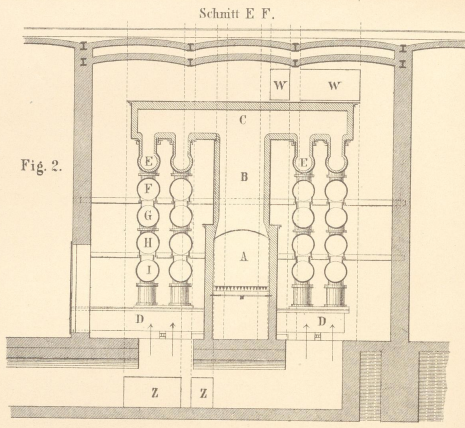


Fig. 2.

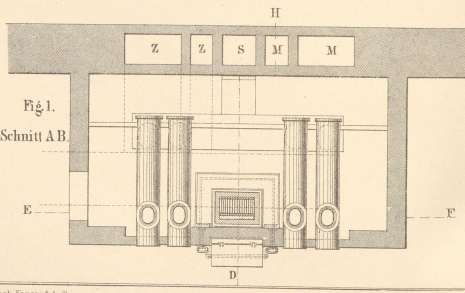


Fig. 1.
Schnitt A B

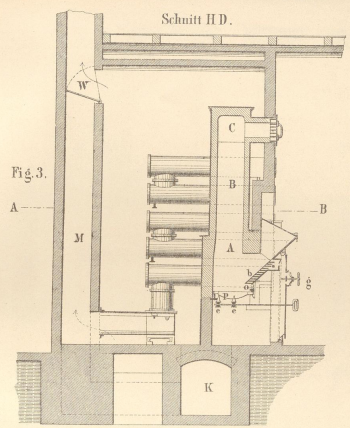
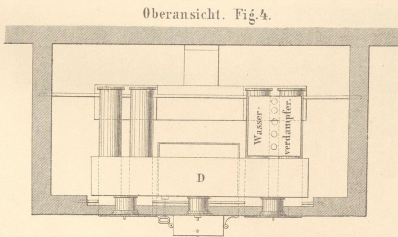


Fig. 3.

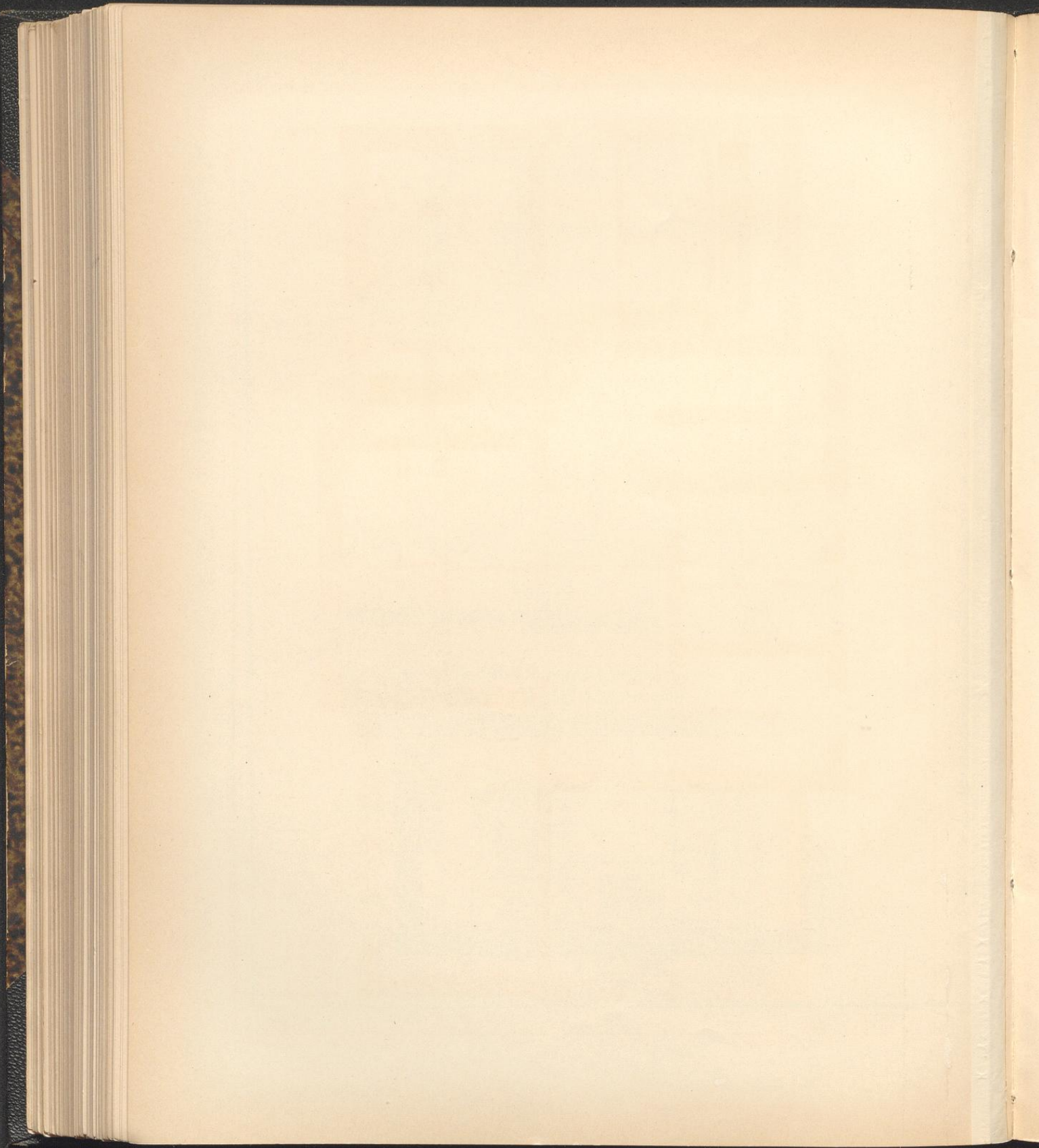
1 Meter.



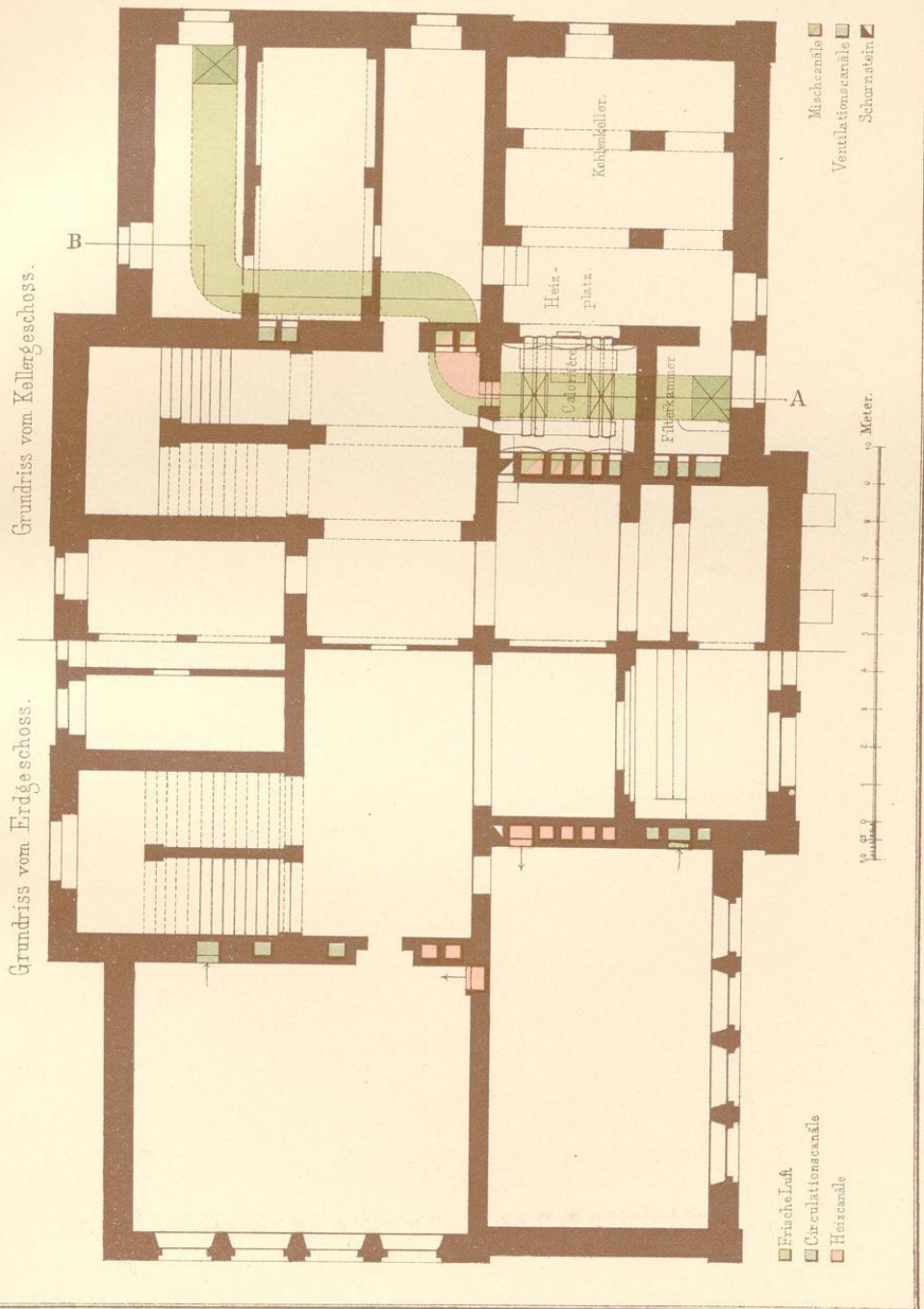
Oberansicht. Fig. 4.

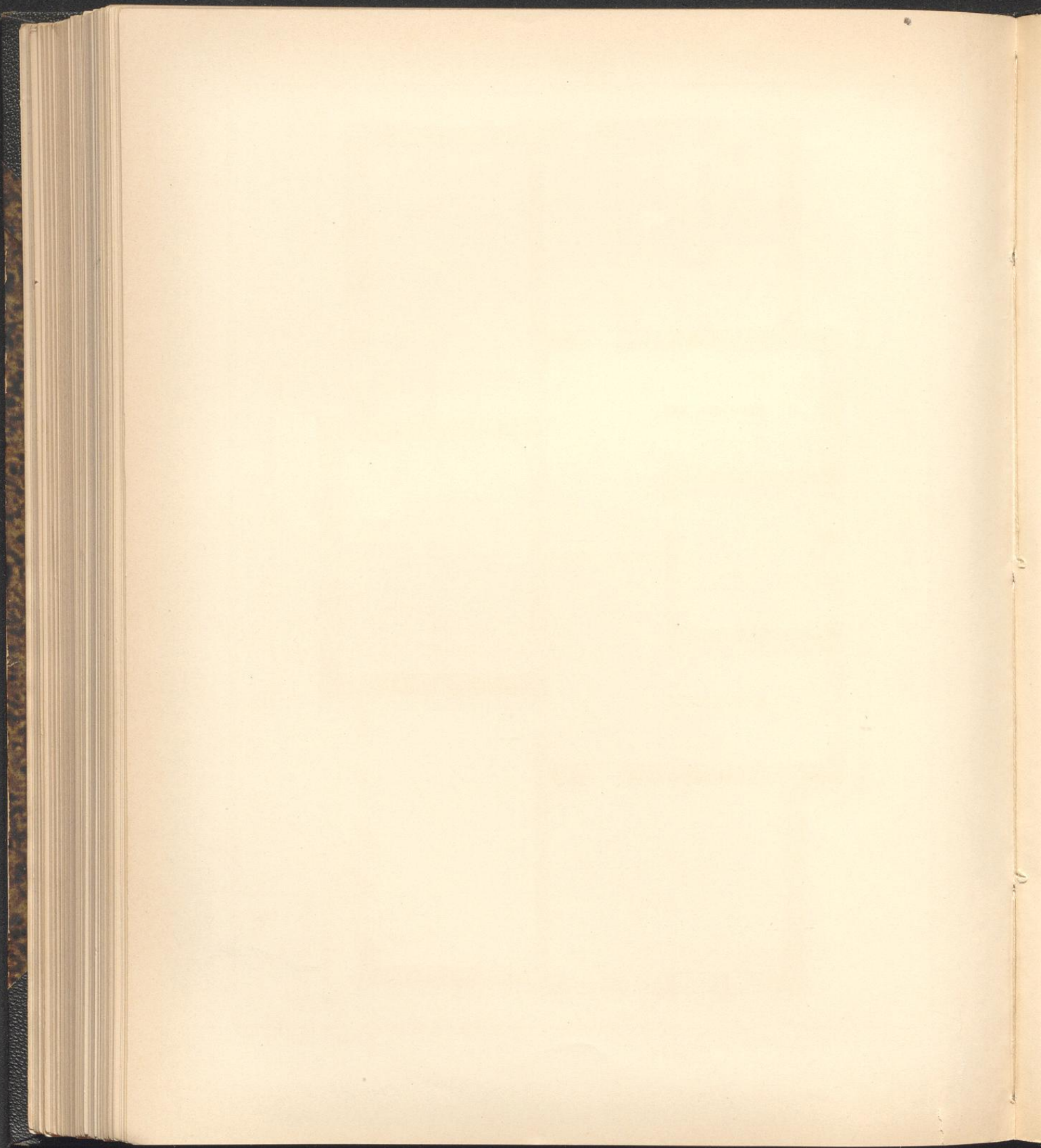
Breymann IV Versch. Konstr. 4. Aufl.

J.M. Gebhardt's Verlag, Leipzig



Volksschule am Albanthor in Göttingen.

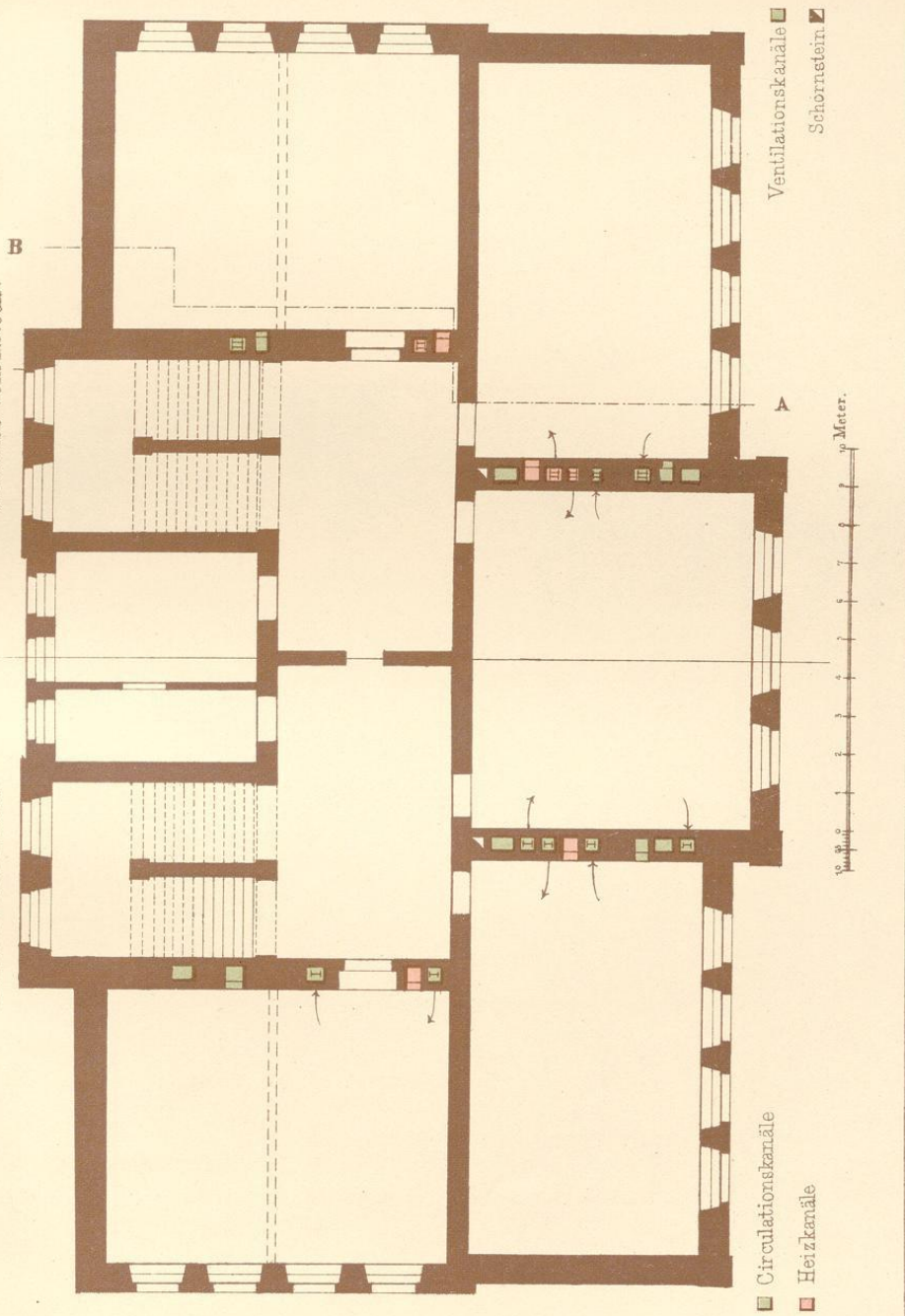


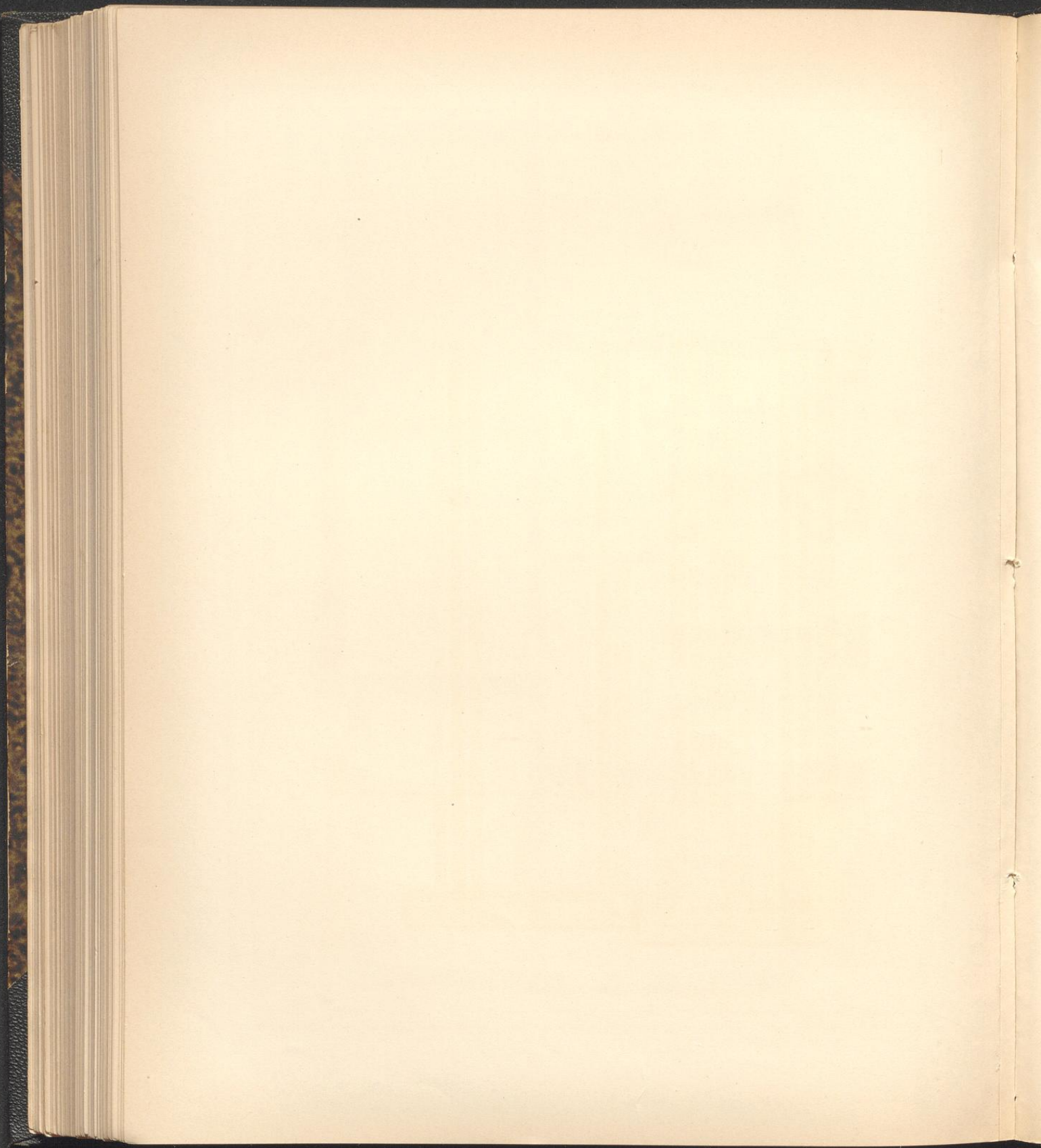


Volksschule am Albanithor in Göttingen.

Grundriss vom II Stock.

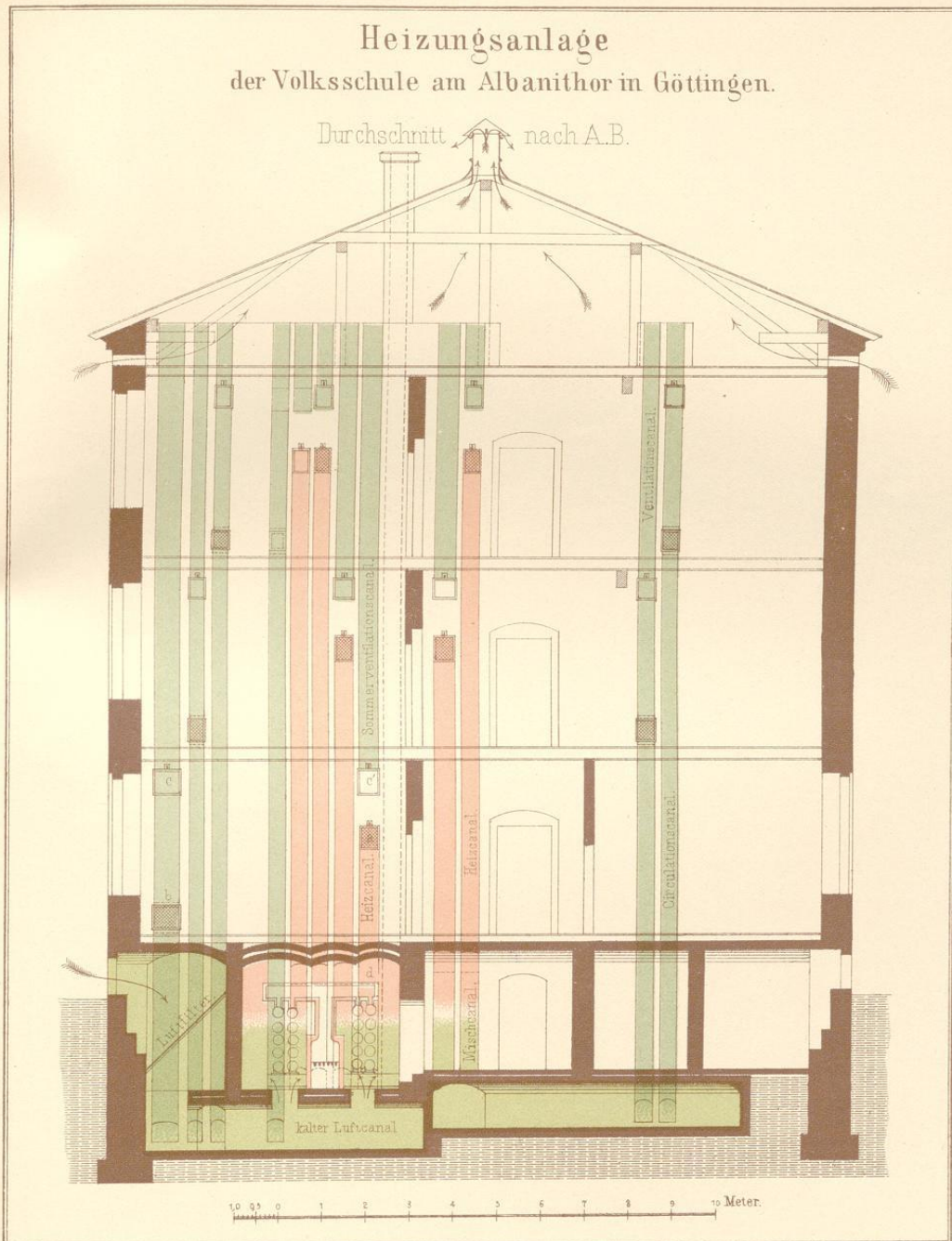
Grundriss vom I Stock.

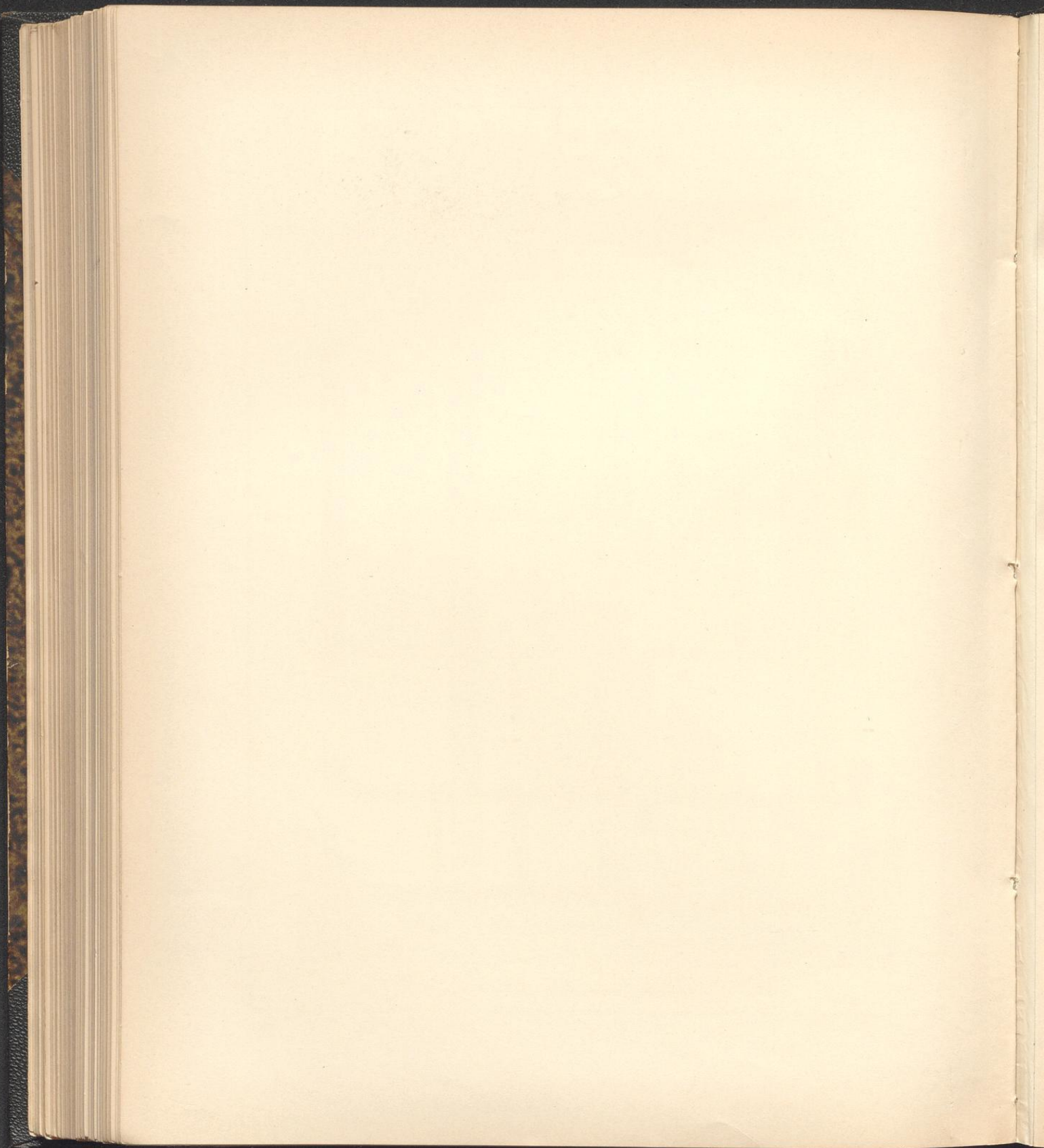


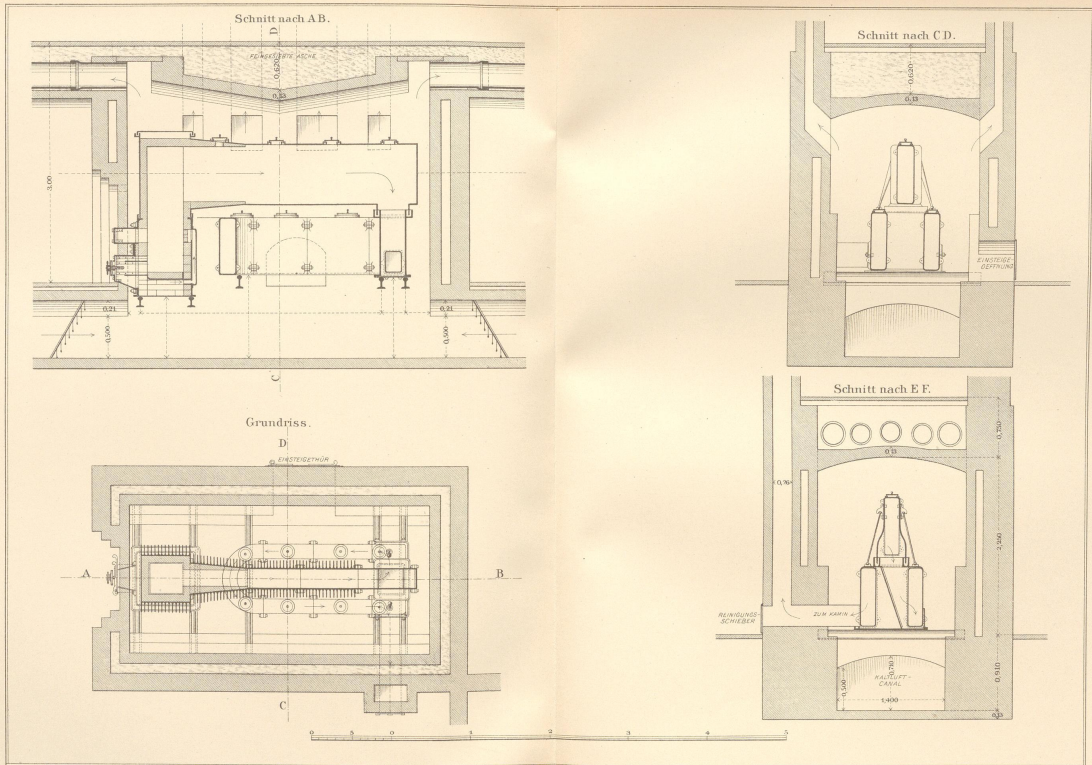


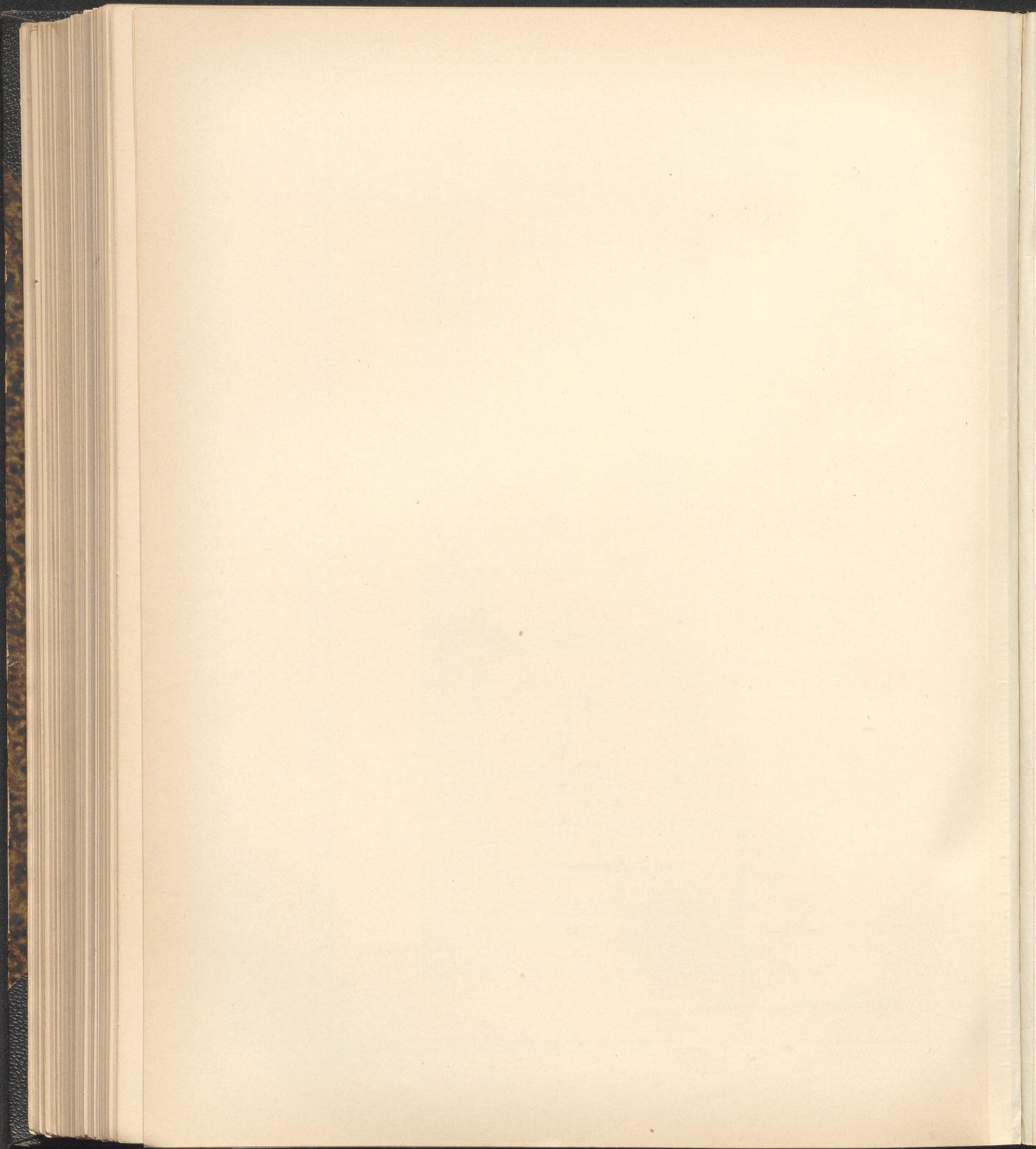
Heizungsanlage der Volksschule am Albanithor in Göttingen.

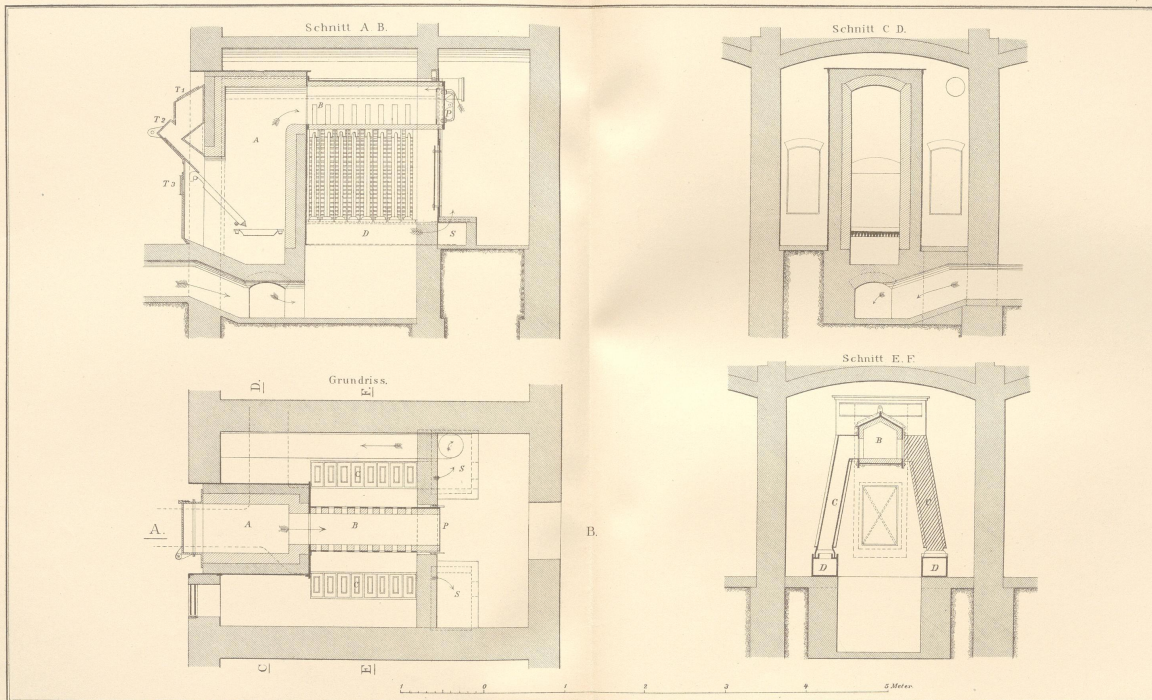
Durchschnitt nach A.B.

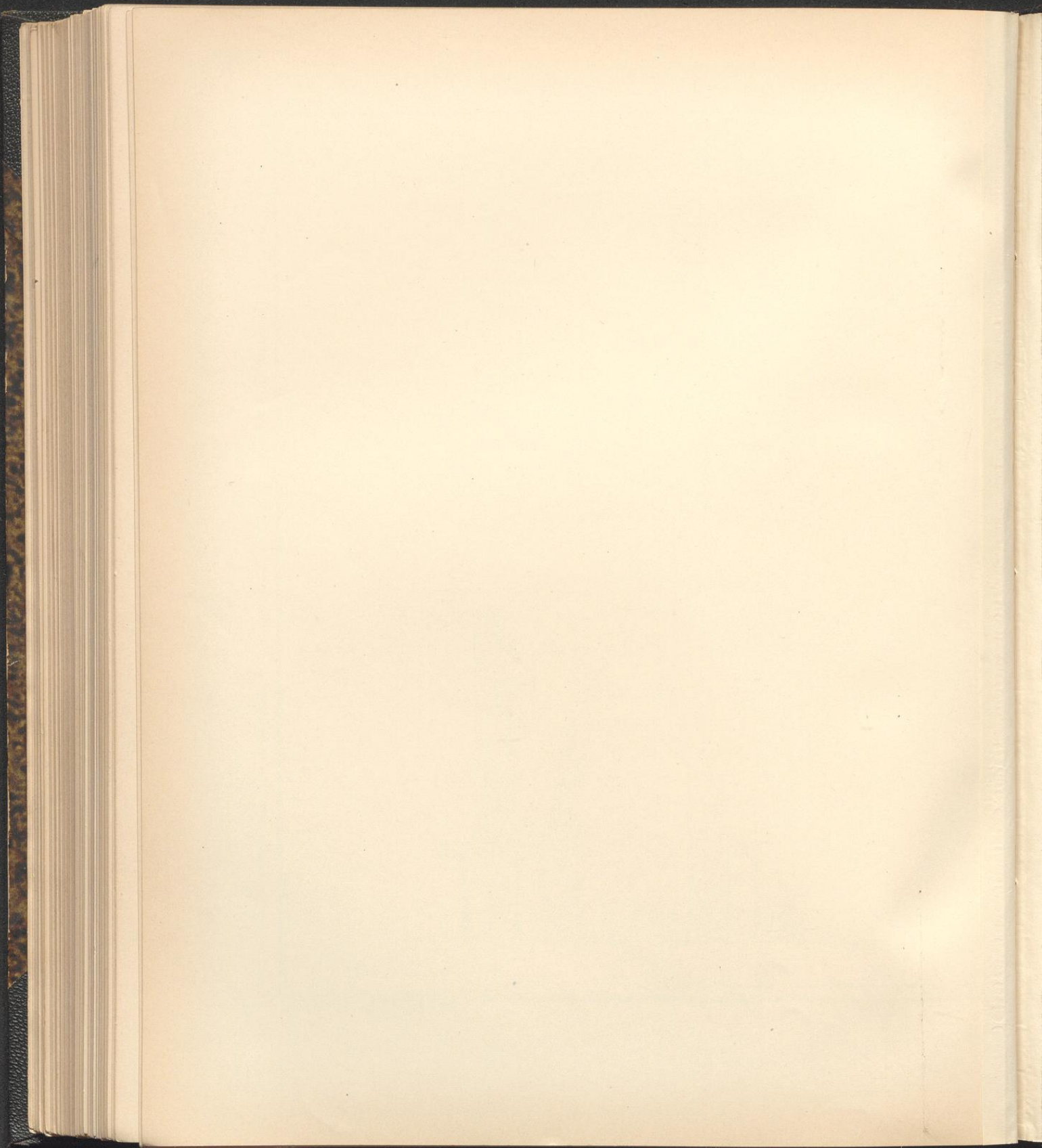




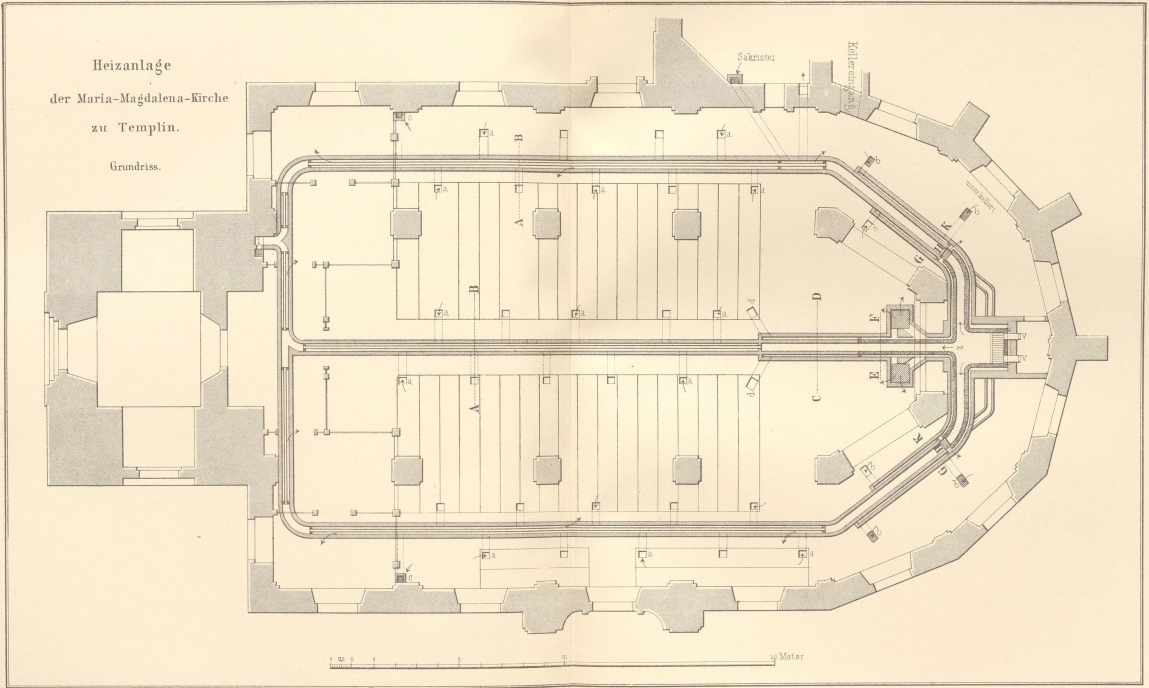


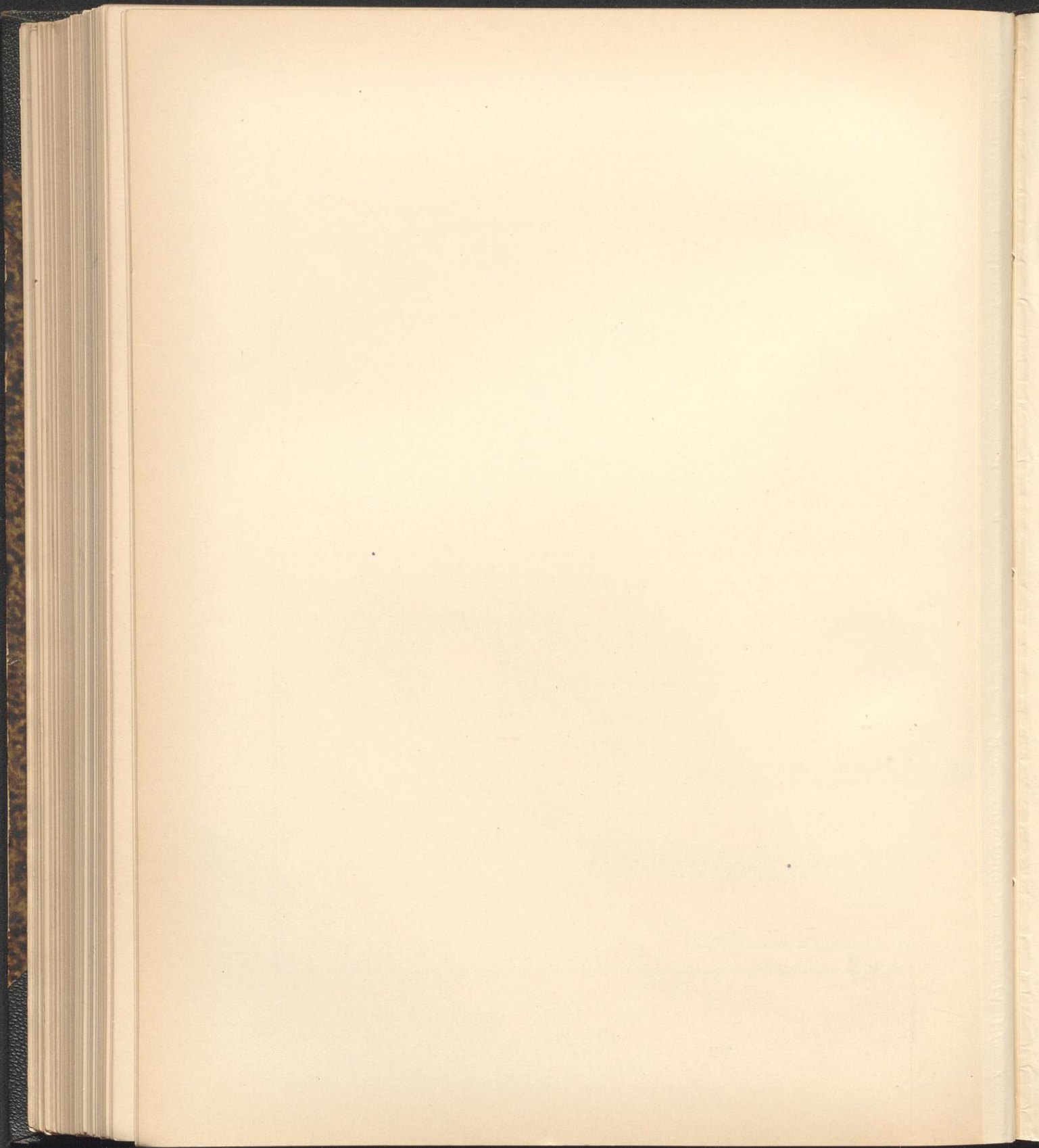






Heizanlage
der Maria-Magdalena-Kirche
zu Teuplin.
Grundriss.





Heizanlage der Maria Magdalena Kirche zu Templin. (Reg. Bez. Potsdam)

Fig. 1. Längenschnitt.

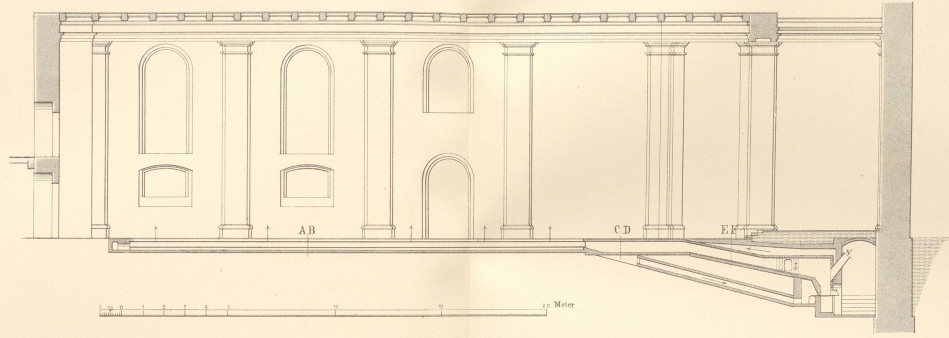


Fig. 4.
Schnitt CD

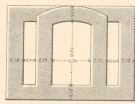


Fig. 6.
Schnitt GHK

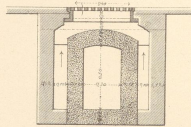


Fig. 5.
Schnitt EF

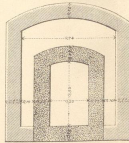
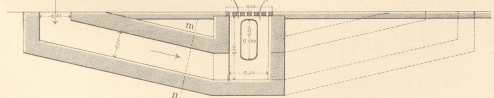
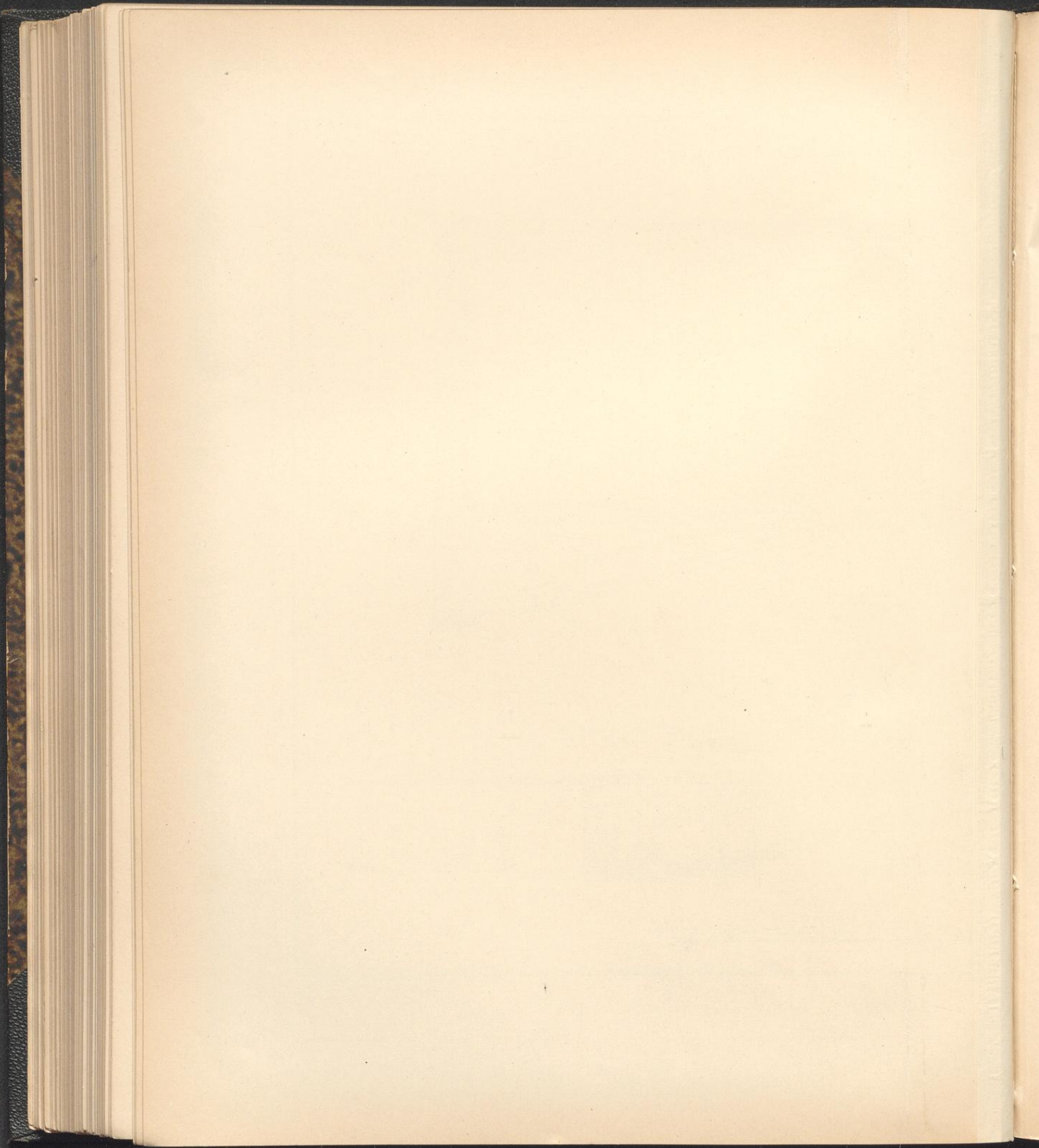


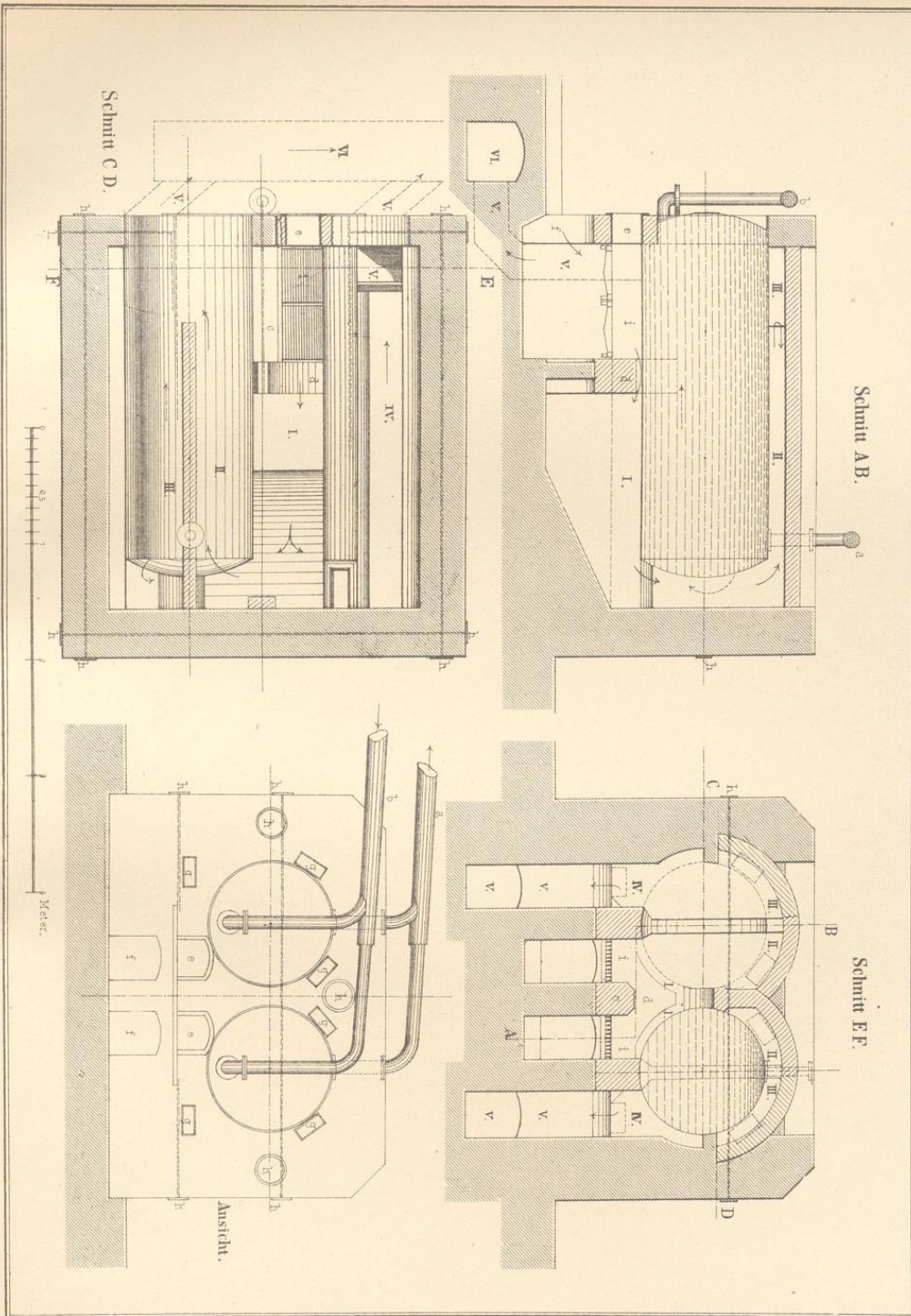
Fig. 3.
Schnitt m

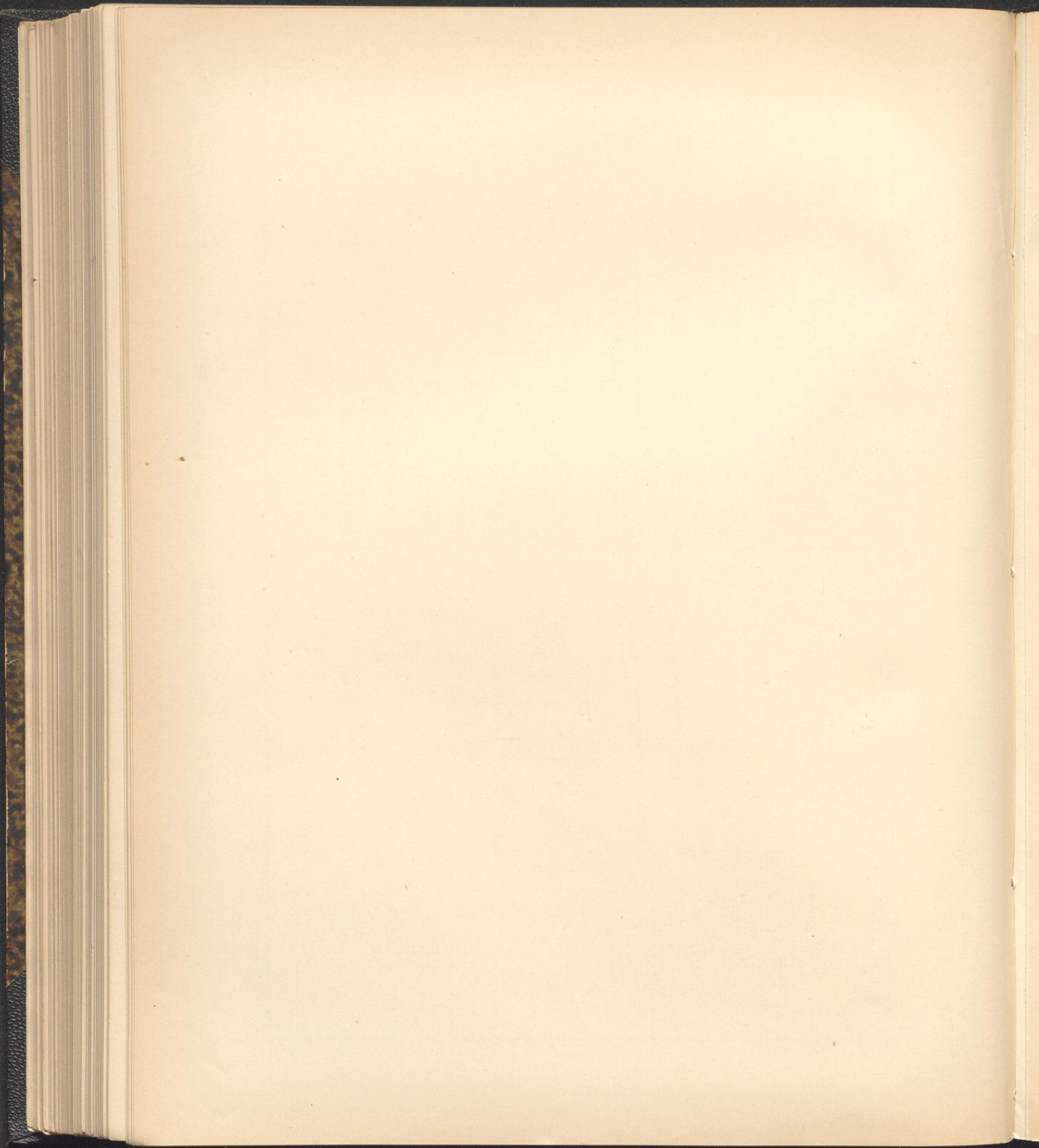


Fig. 2. Schnitt AB









01

Fig. 1. Cylindrofen.

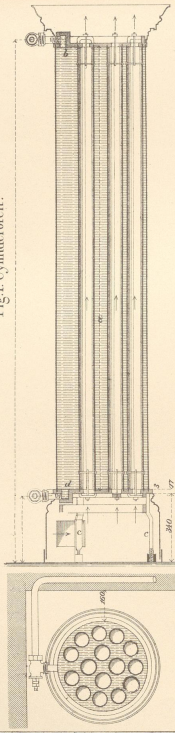


Fig. 2. Runder Röhrenofen.

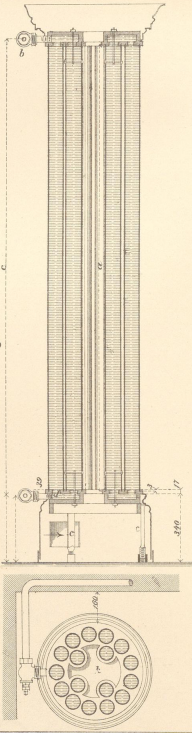


Fig. 3. Eck Röhrenofen.

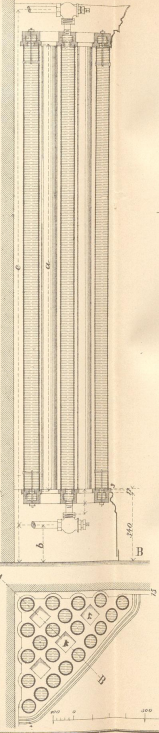


Fig. 4. Liegender Röhrenofen.

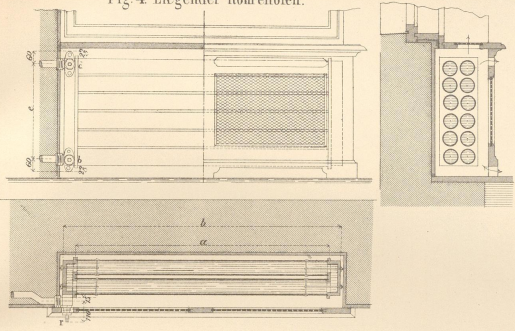
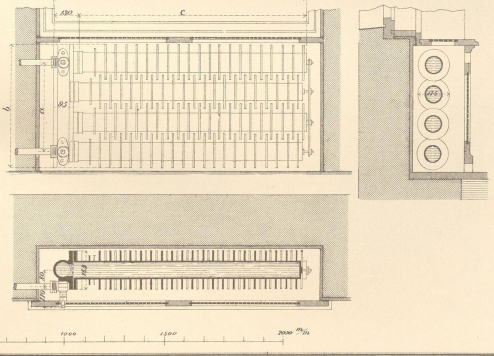


Fig. 5. Rippenrohr-Ofen.



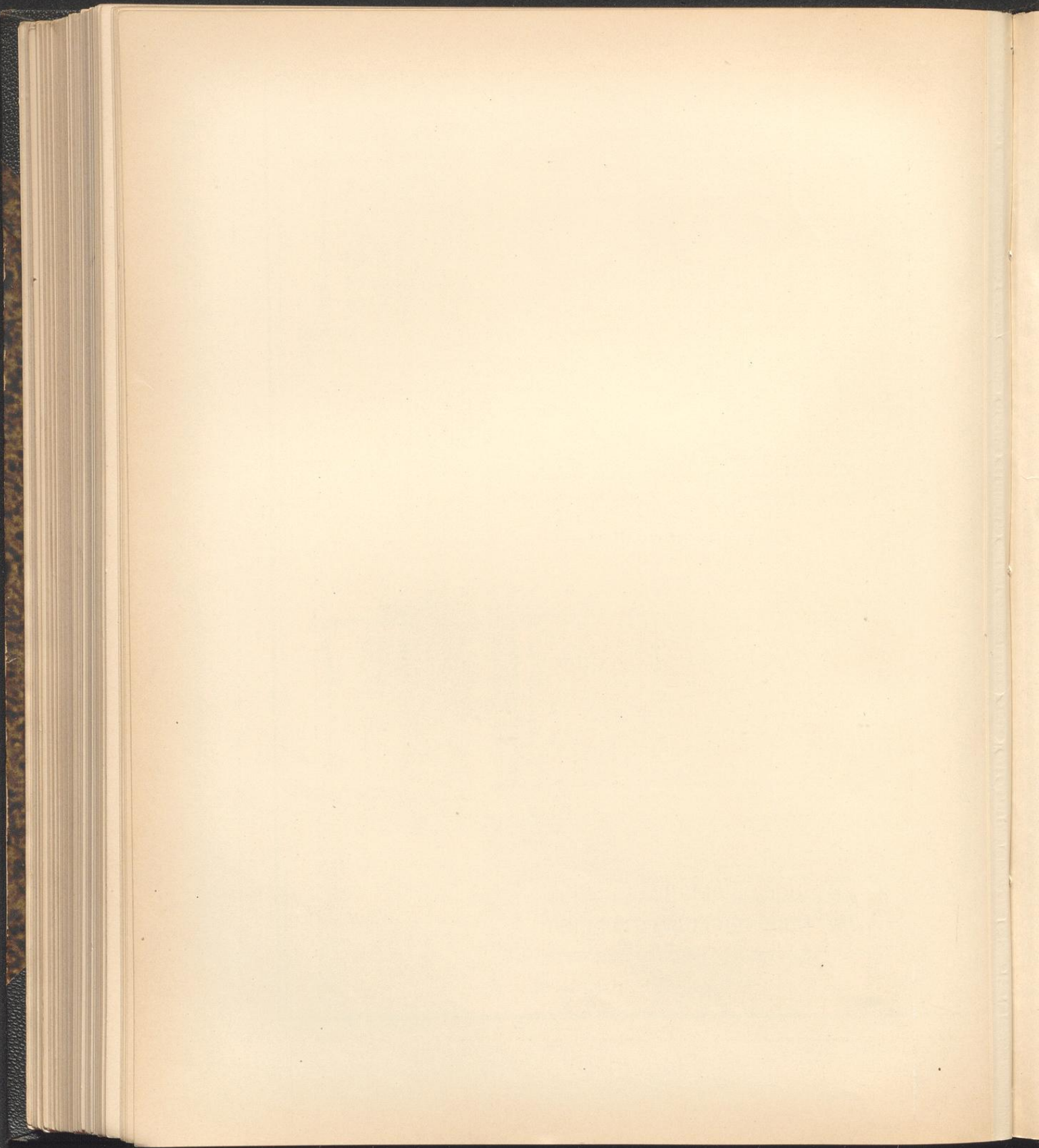


Fig. 2. Längenschnitt.

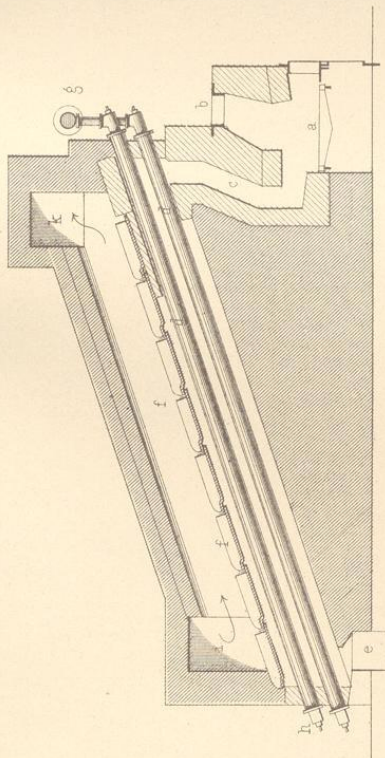


Fig. 3. Querschnitt.

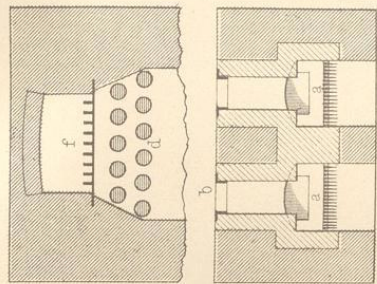


Fig. 1. Grundriss.

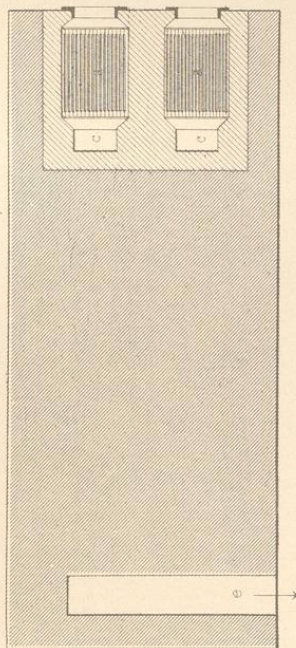


Fig. 6.

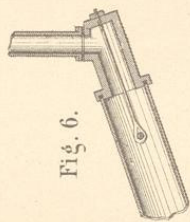


Fig. 7.

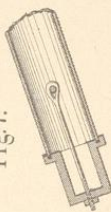


Fig. 4.

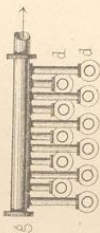
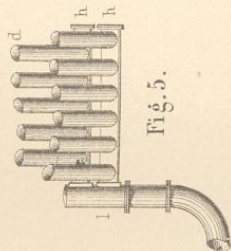
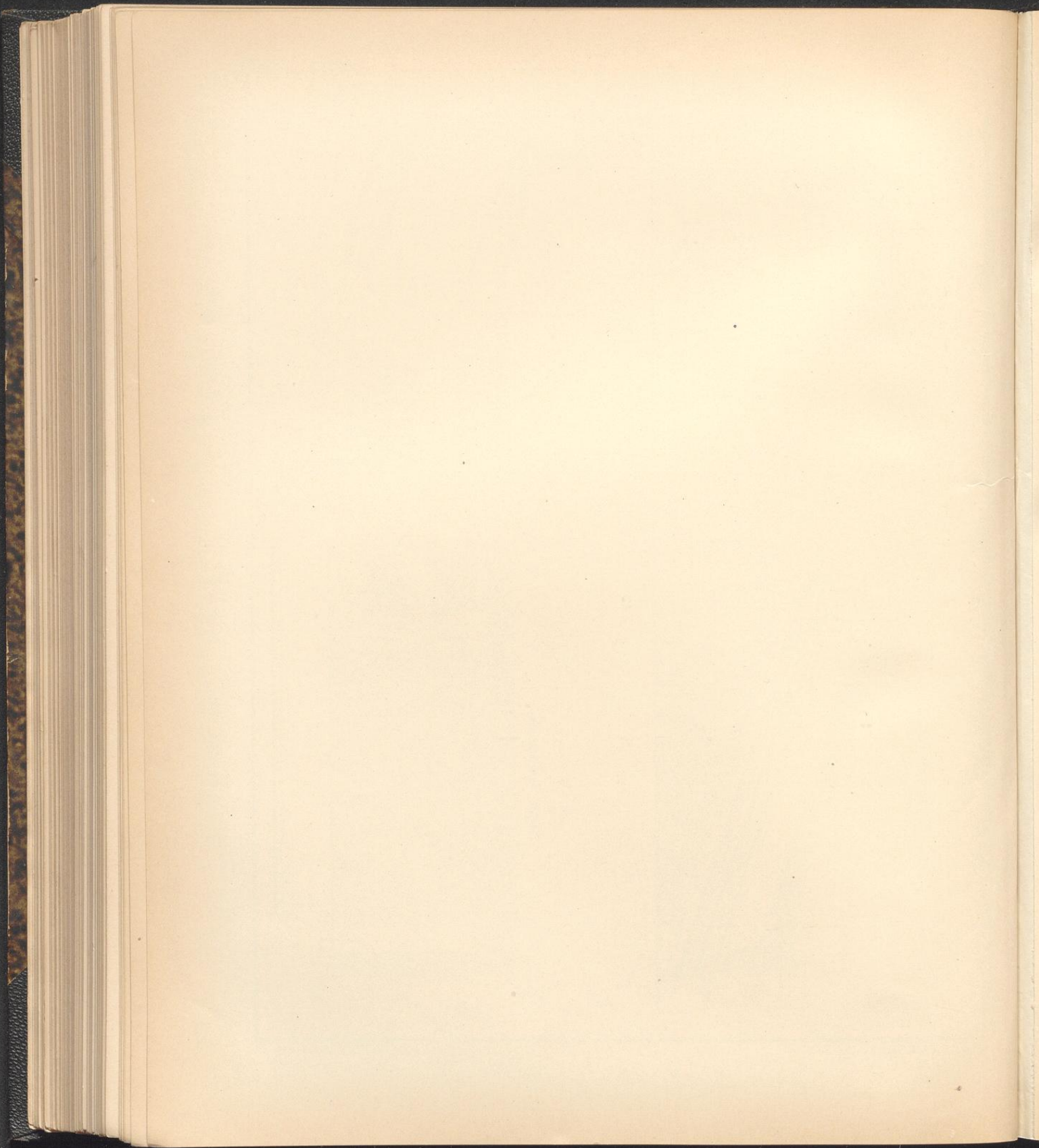


Fig. 5.





20

H. Heine's Patent Wasserrohr Kessel für Warmwasser Heizungen.

Fig. 1. Schnitt nach A B.

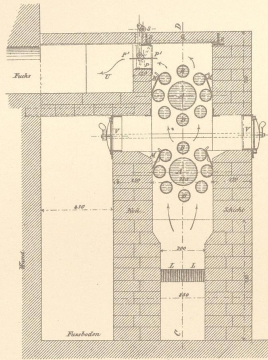


Fig. 2. Schnitt nach C D.

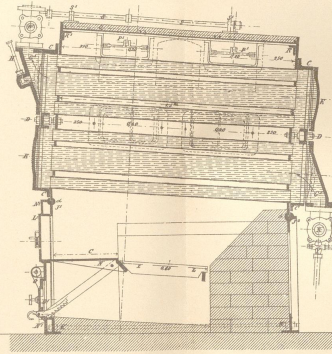
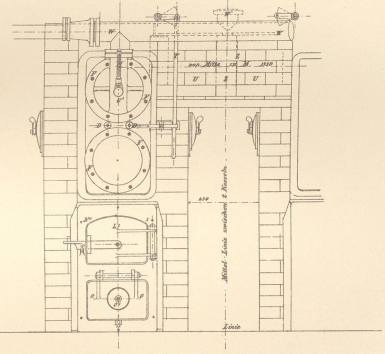
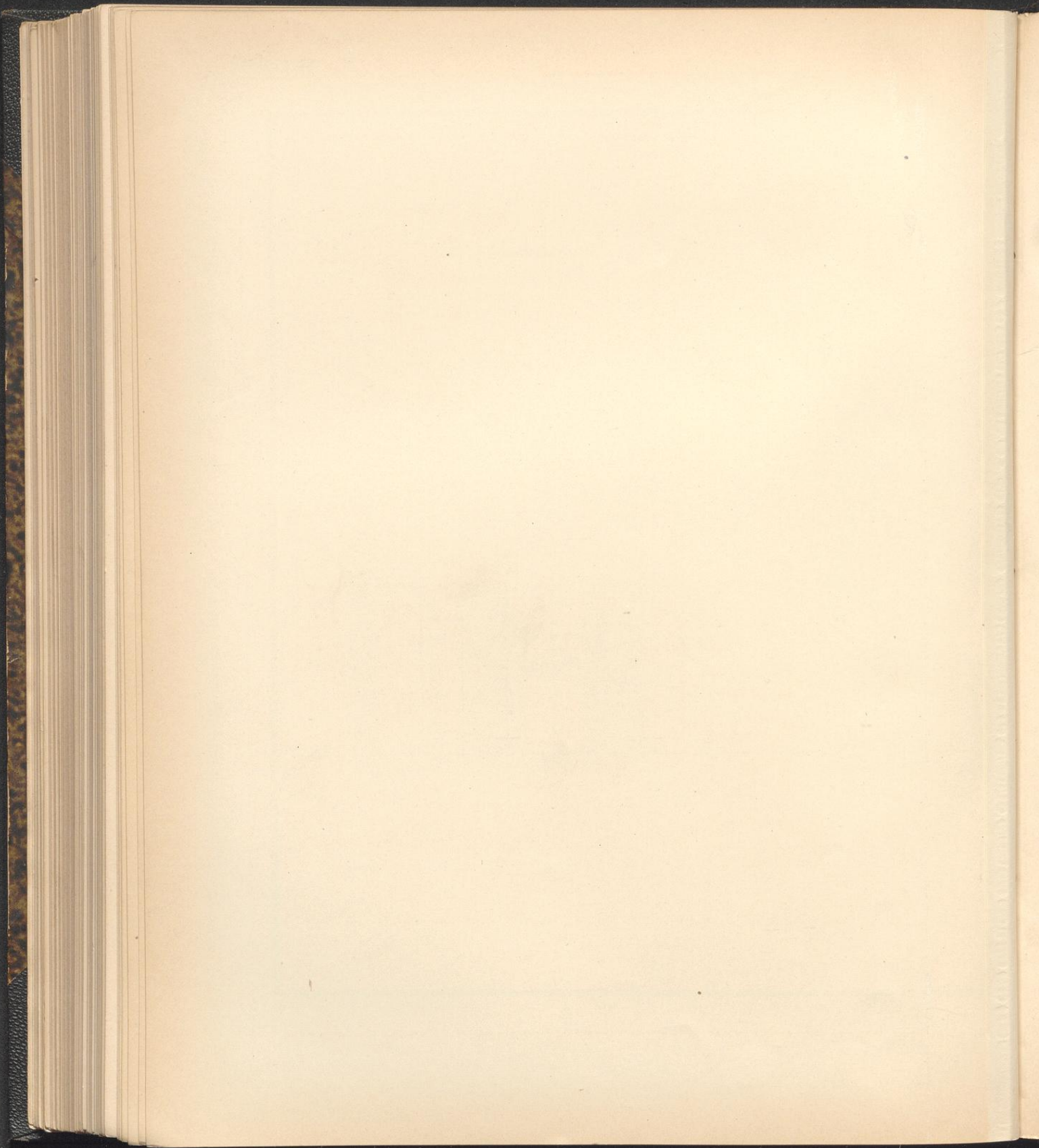


Fig. 3. Aensere Ansicht.





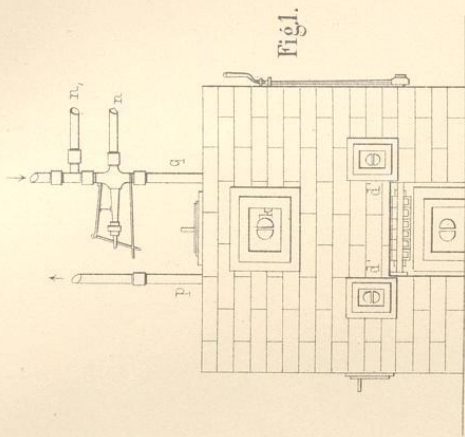


Fig. 1.

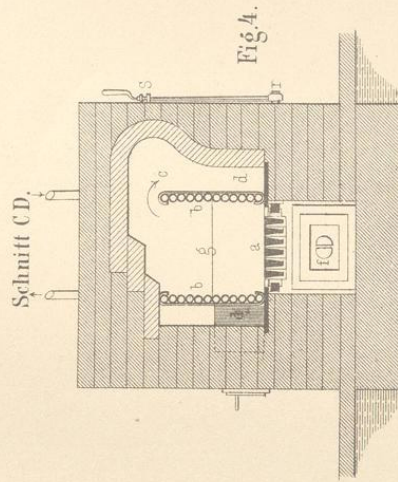
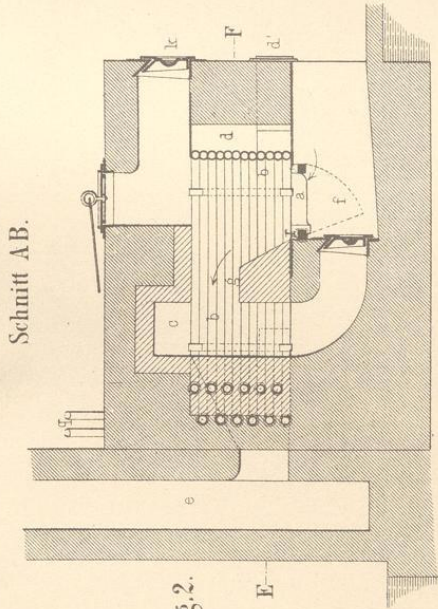


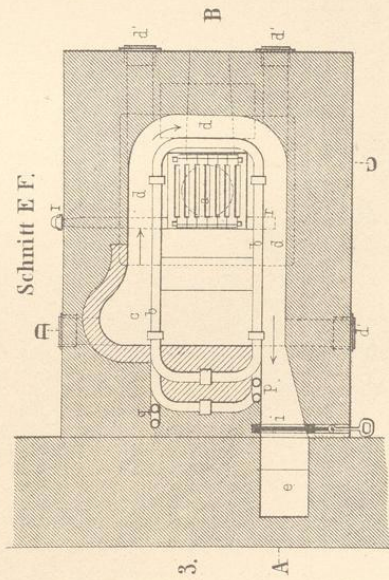
Fig. 4.

Schnitt CD.



Schnitt AB.

Fig. 2.



Schnitt EF.

Fig. 3.



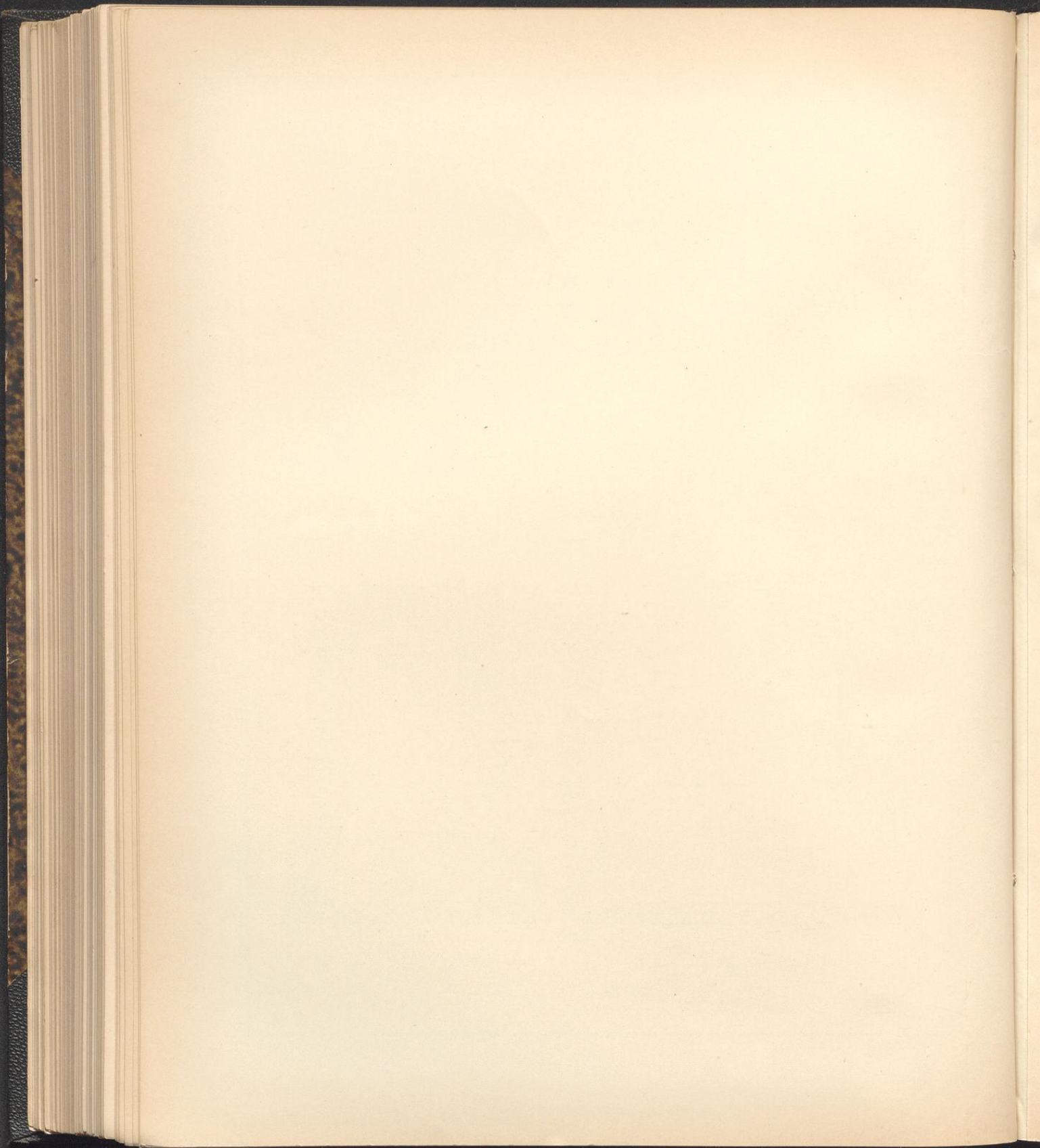


Fig. 2. Schnitt A B C D.

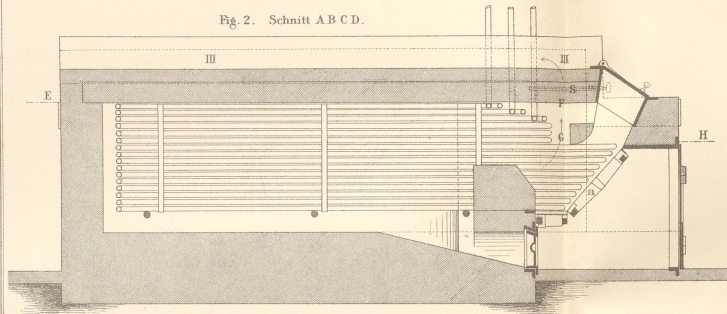


Fig. 3. Schnitt J K.

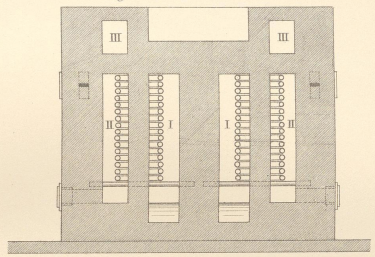


Fig. 1. Schnitt E F G H.

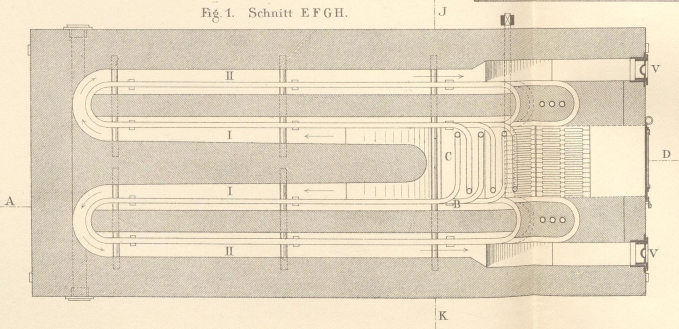
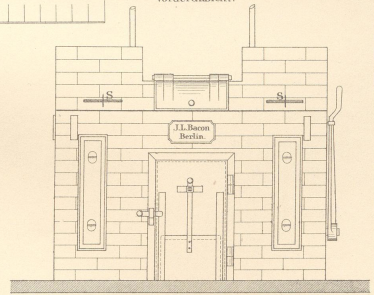


Fig. 4.

Vorderansicht.



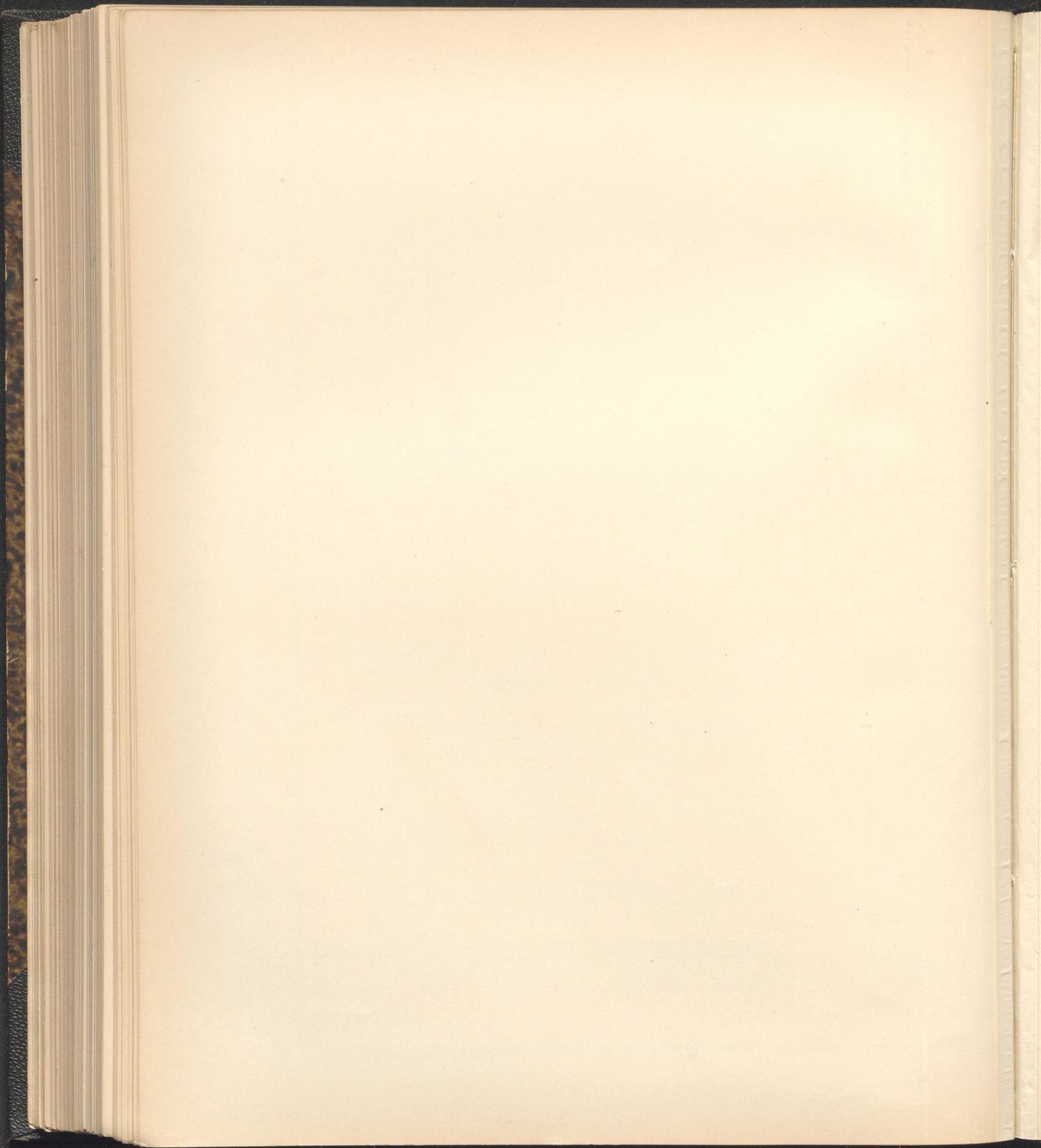
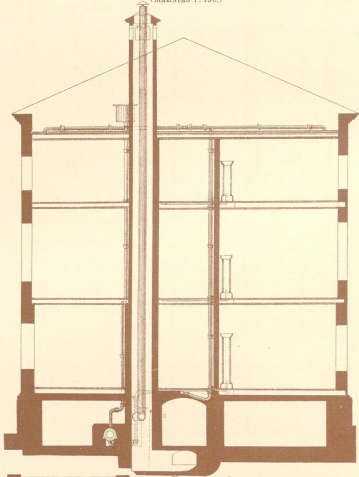


Fig. 5. Querschnitt des Gebäudes nach C D.
(Maßstab 1:150.)

Warmwasser-Niederdruck-Heizung
im Schulhause
zu Westerwik (Schweden)



Maßstab 1:150
0 1 2 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

Fig. 4. Grundriss des Kellergeschosses.

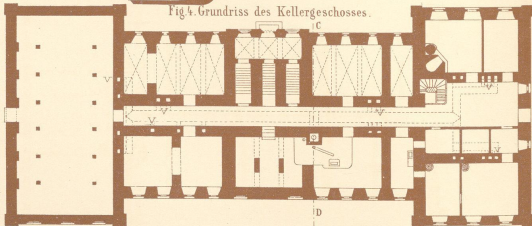


Fig. 1. Grundriss des zweiten Stocks.

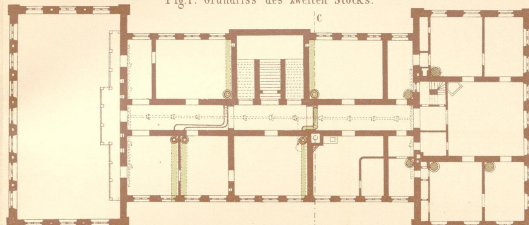


Fig. 2. Grundriss des ersten Stocks.

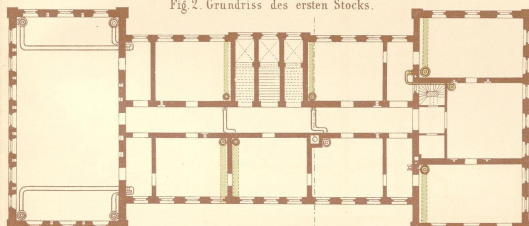
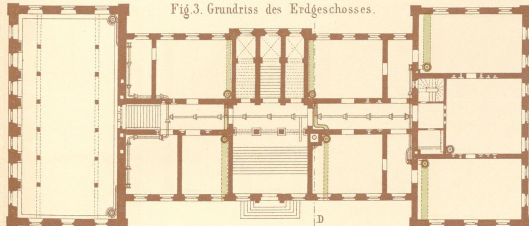
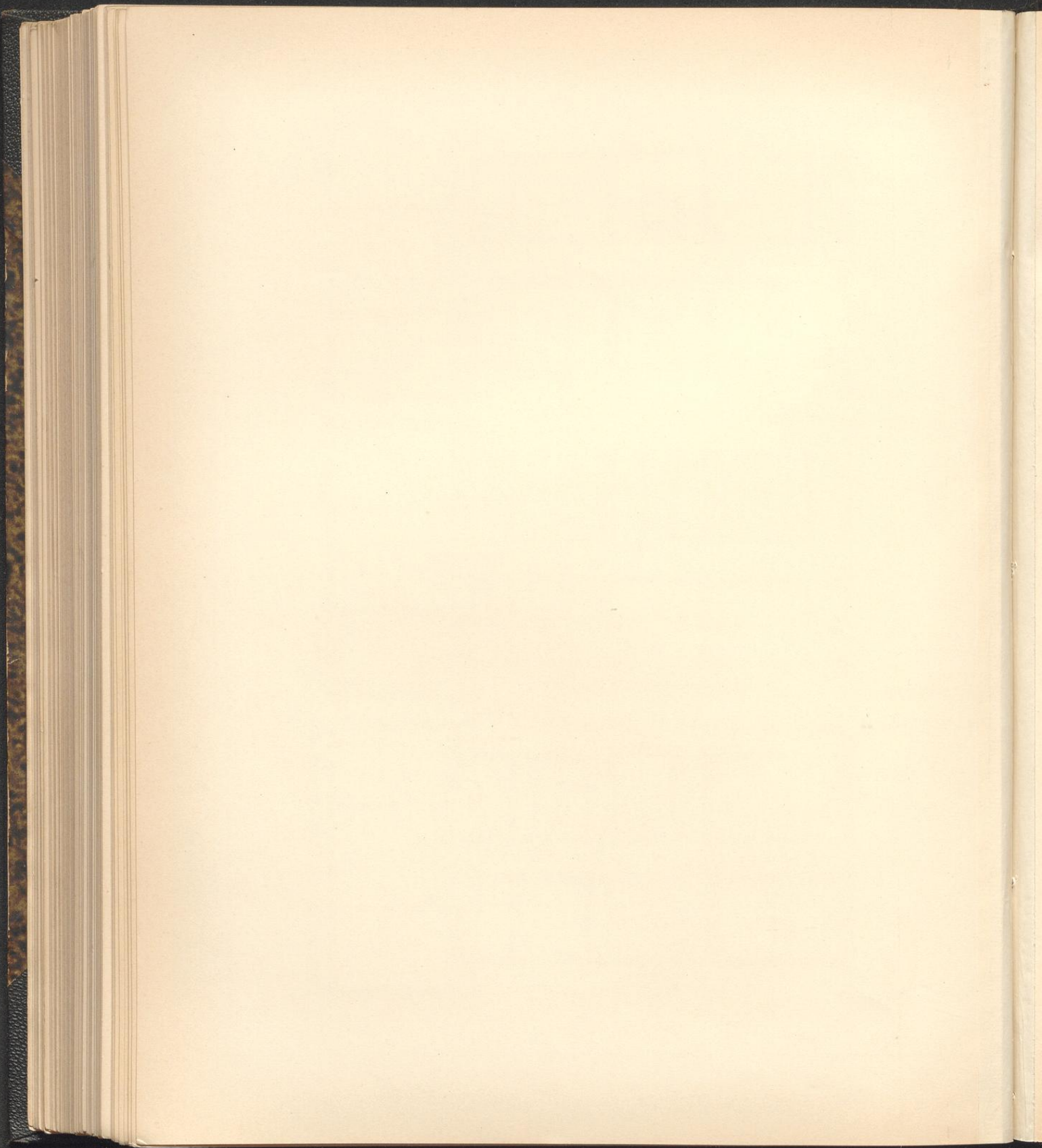
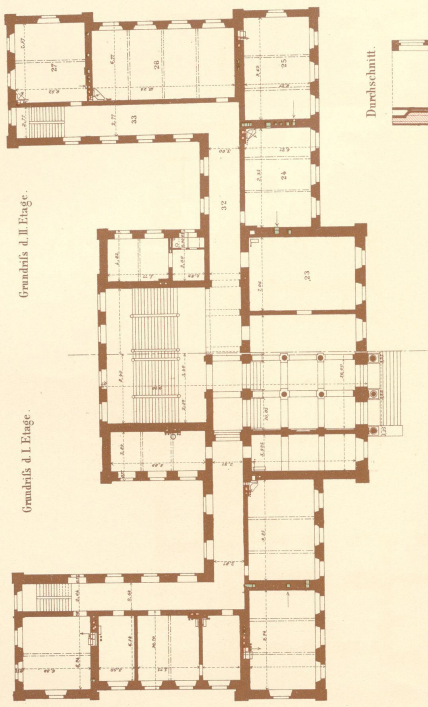


Fig. 3. Grundriss des Erdgeschosses.



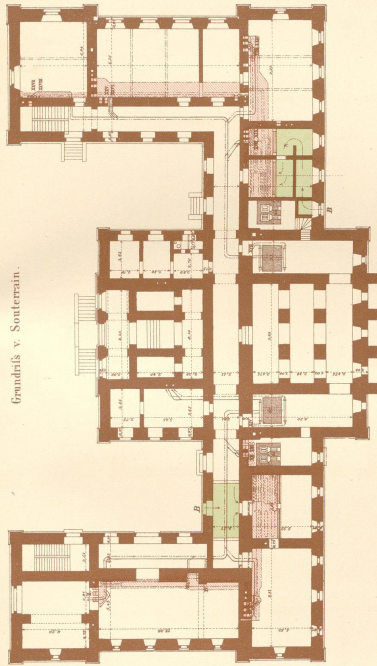


Neue Realschule in Darmstadt.



Durchschnitt.

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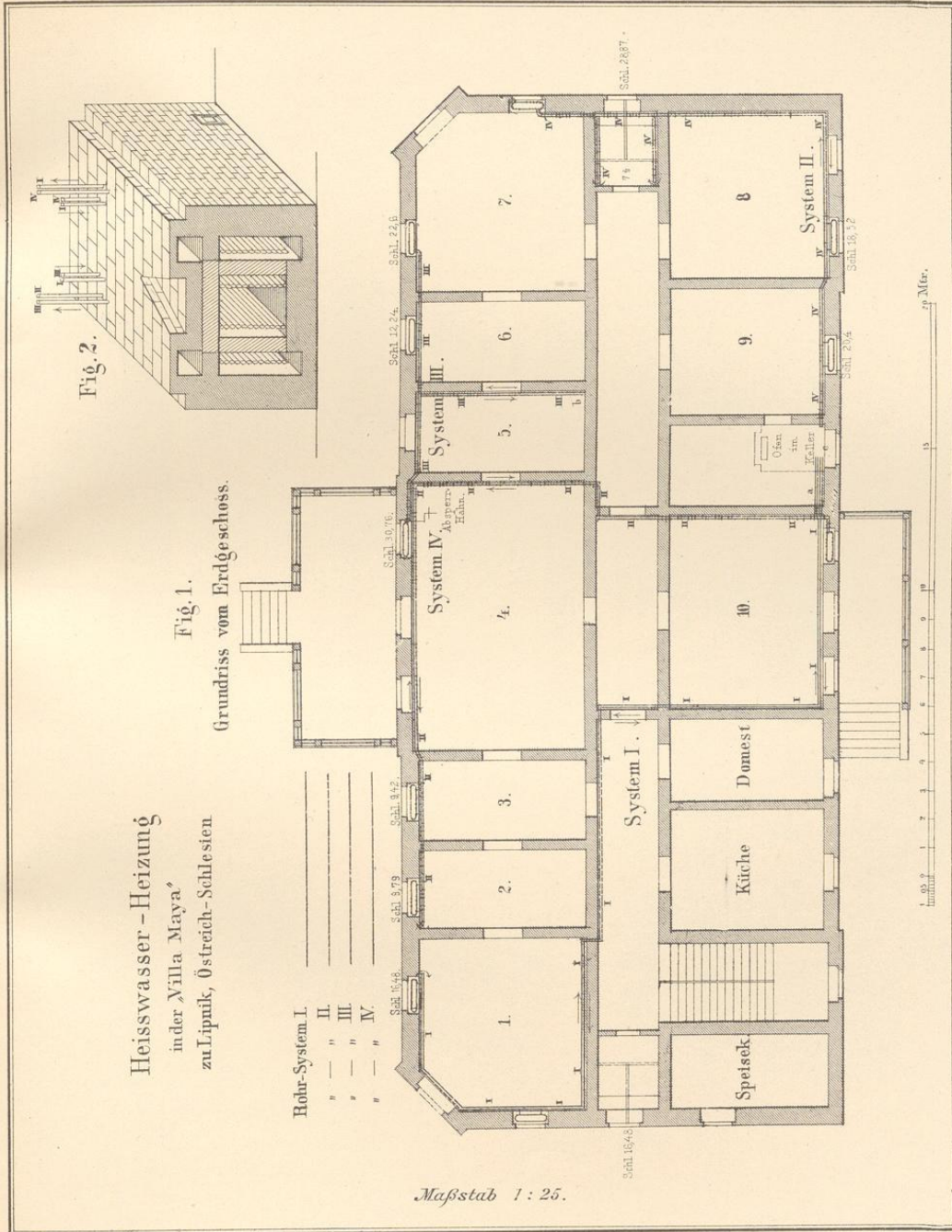


Grundriß v. Souterrain.

Marsch 1/300.

Rohr-System I.
 II.
 III.

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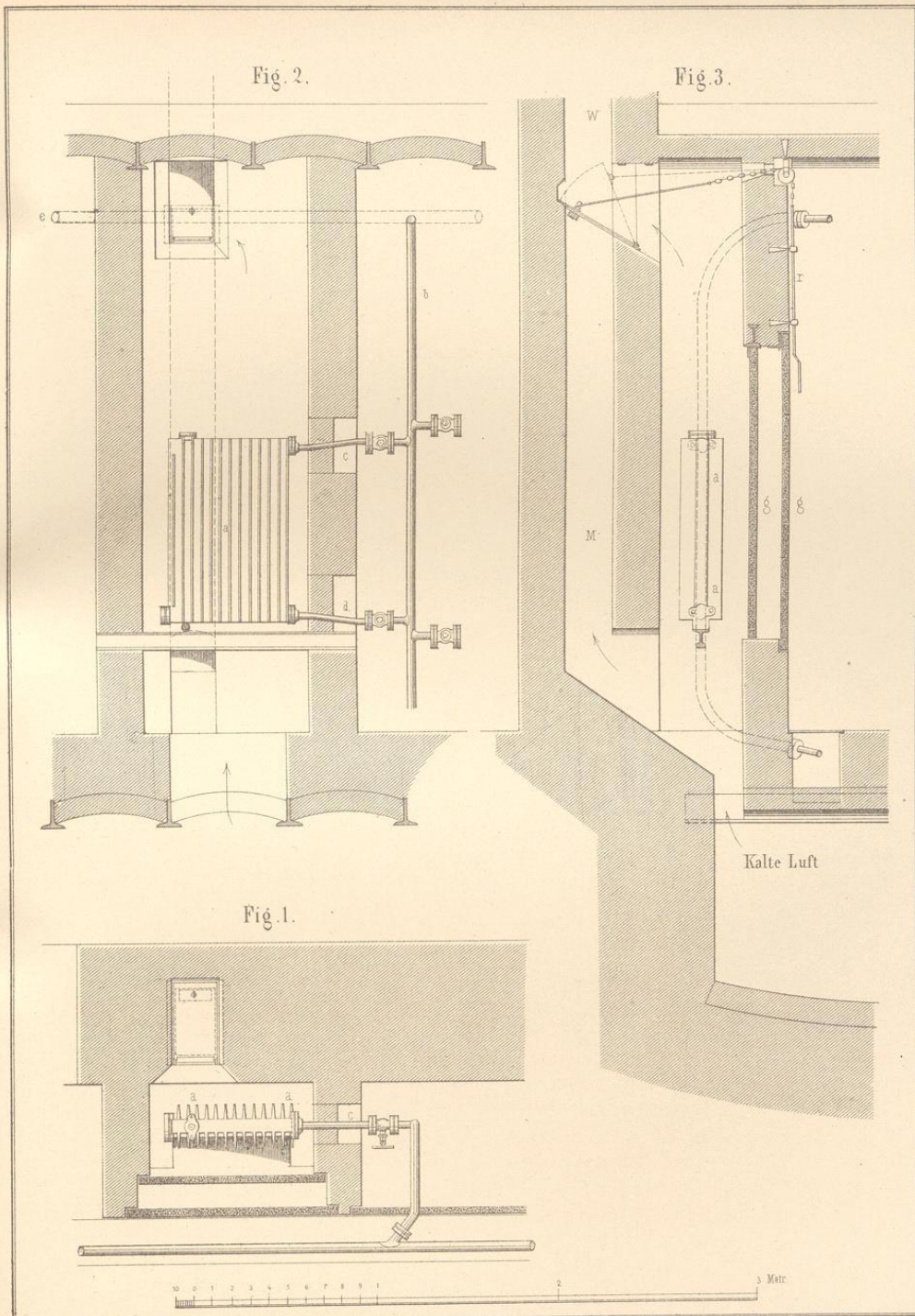


Heisswasser - Heizung
 in der Villa Maya
 zu Lipnik, Östreich-Schlesien

Fig. 1.
 Grundriss vom Erdgeschoss.

- Rohr-System I.
 II.
 III.
 IV.

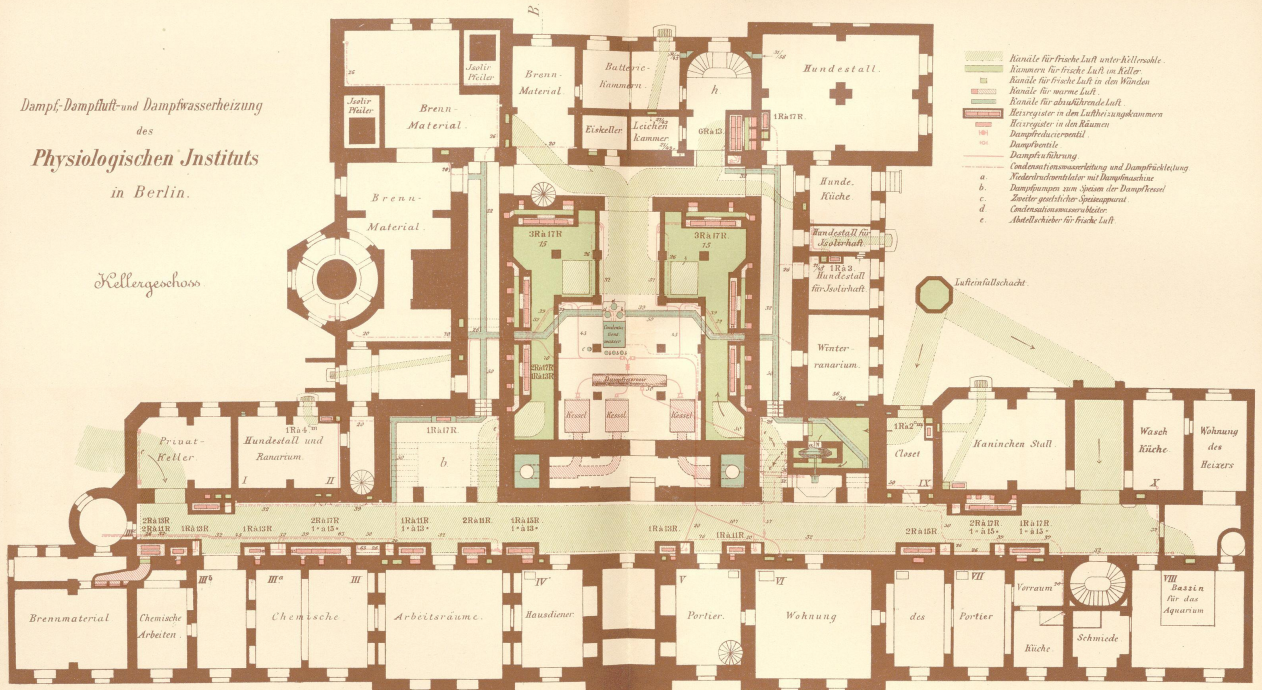
Maßstab 1 : 25.



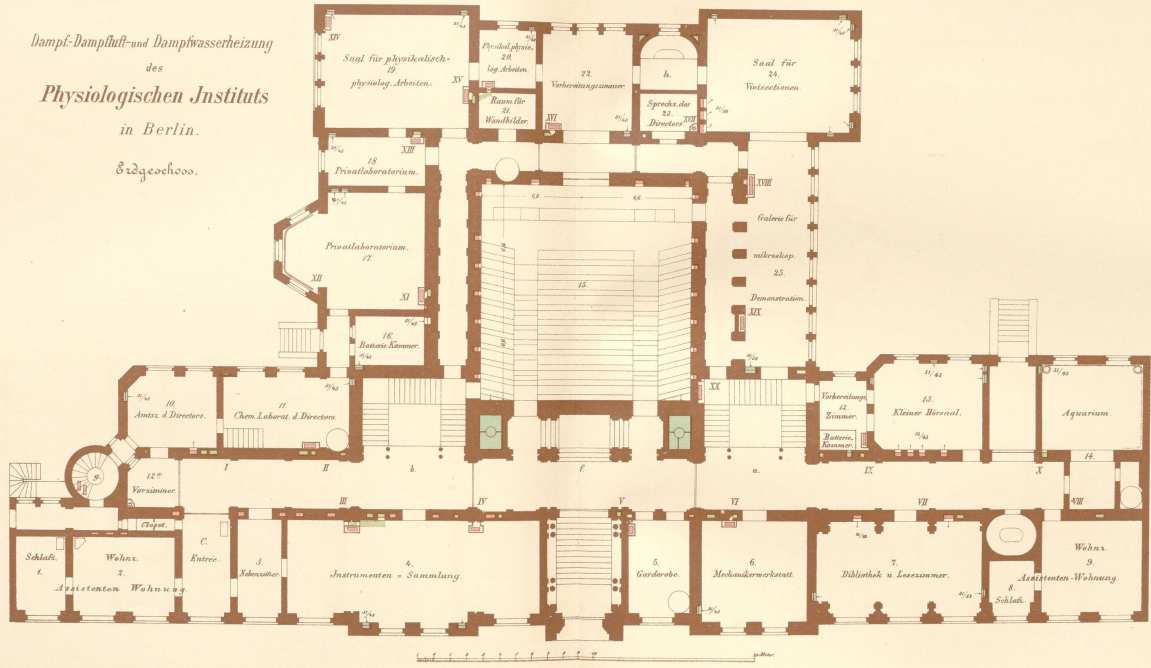
70

Dampf-Dampfluft- und Dampfwasserheizung
des
Physiologischen Instituts
in Berlin.

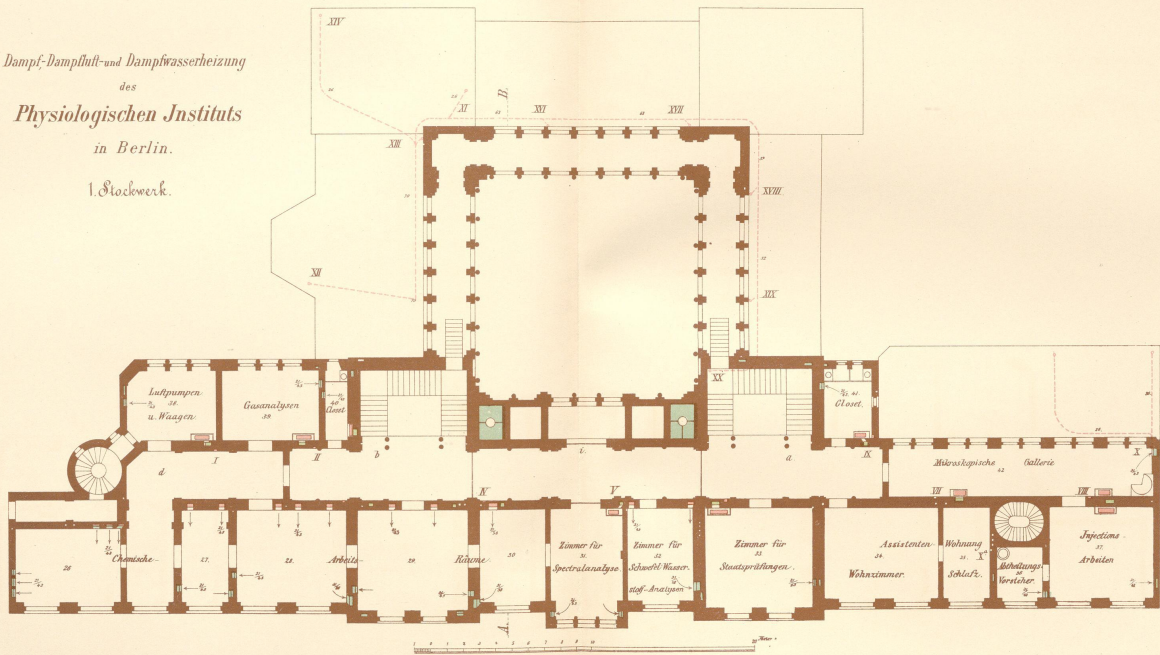
Kellergeschoss



Dampf-, Dampfluft- und Dampfwasserheizung
des
Physiologischen Instituts
in Berlin.
Erstgeschoss.



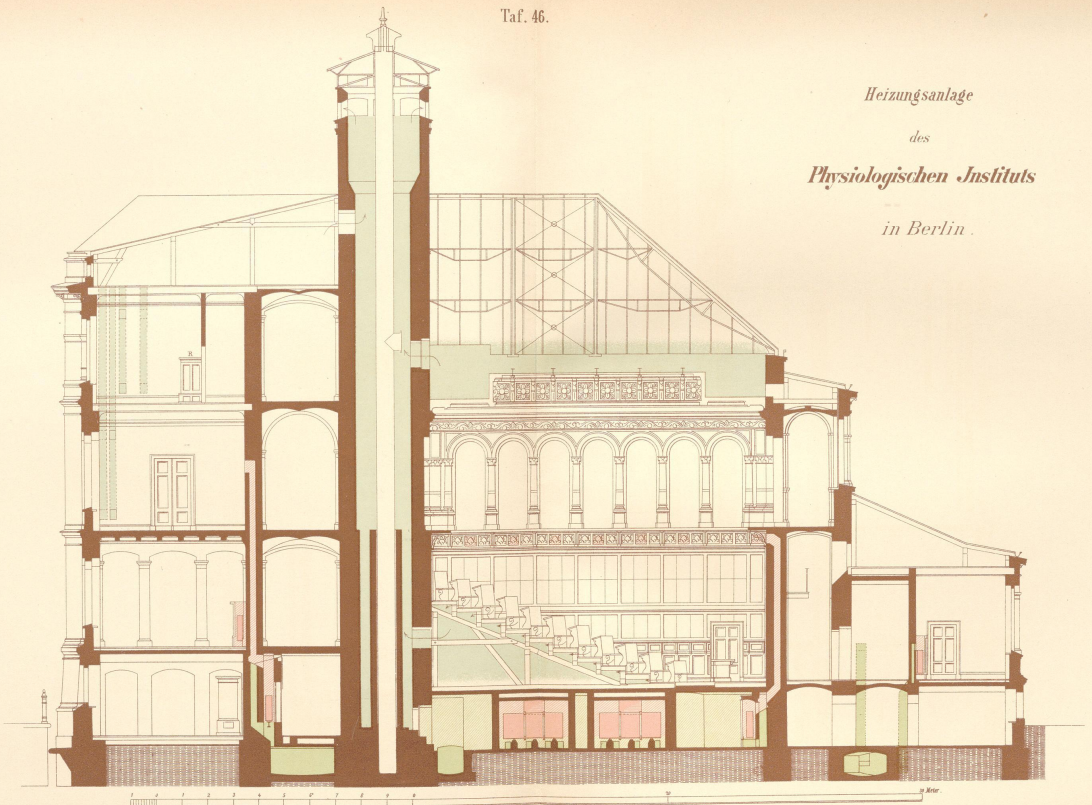
Dampf-, Dampfleit- und Dampfwasserheizung
des
Physiologischen Instituts
in Berlin.
1. Stockwerk.



Breymann IV Vers. ch. Konstr. 4. Aufl.

J. M. Gebhardt's Verlag, Leipzig.

Heizungsanlage
des
Physiologischen Instituts
in Berlin.



Bremmann IV Versch. Kunst 4. Aufl.

J. M. Gebhardt's Verlag, Leipzig

Fig. 2.

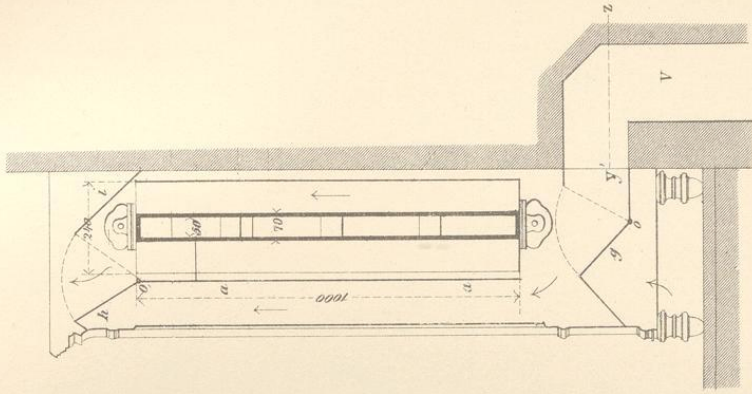


Fig. 1.

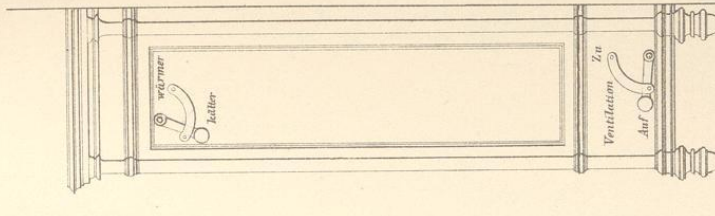


Fig. 4.

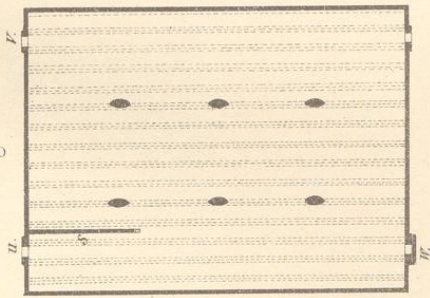


Fig. 3.

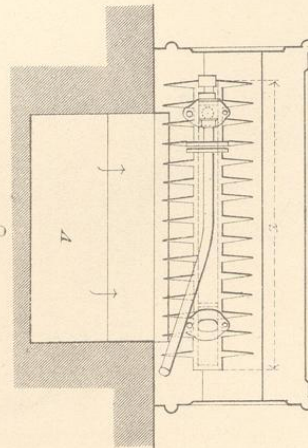


Fig. 2.

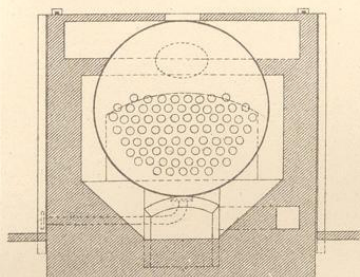
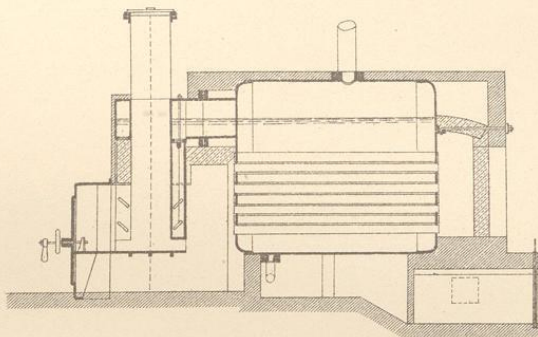


Fig. 3.



Maaßstab 1-20.
 0 20 40 60 80 100 120 140 160 180 200 2 m.
 zu Fig. 123.

Fig. 1.

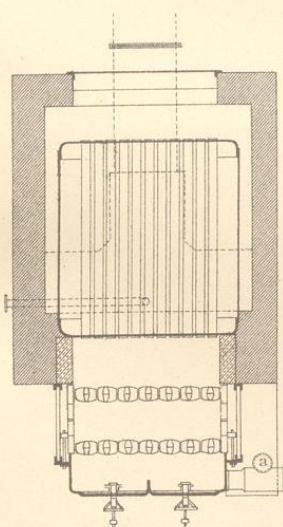
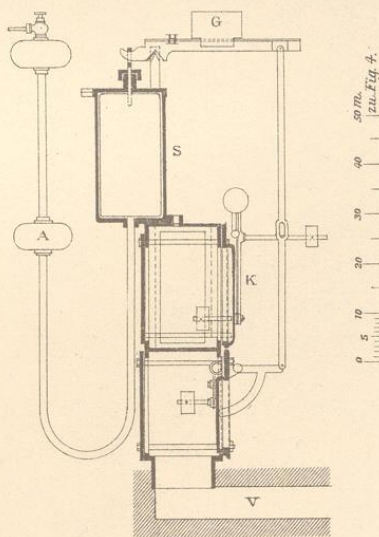
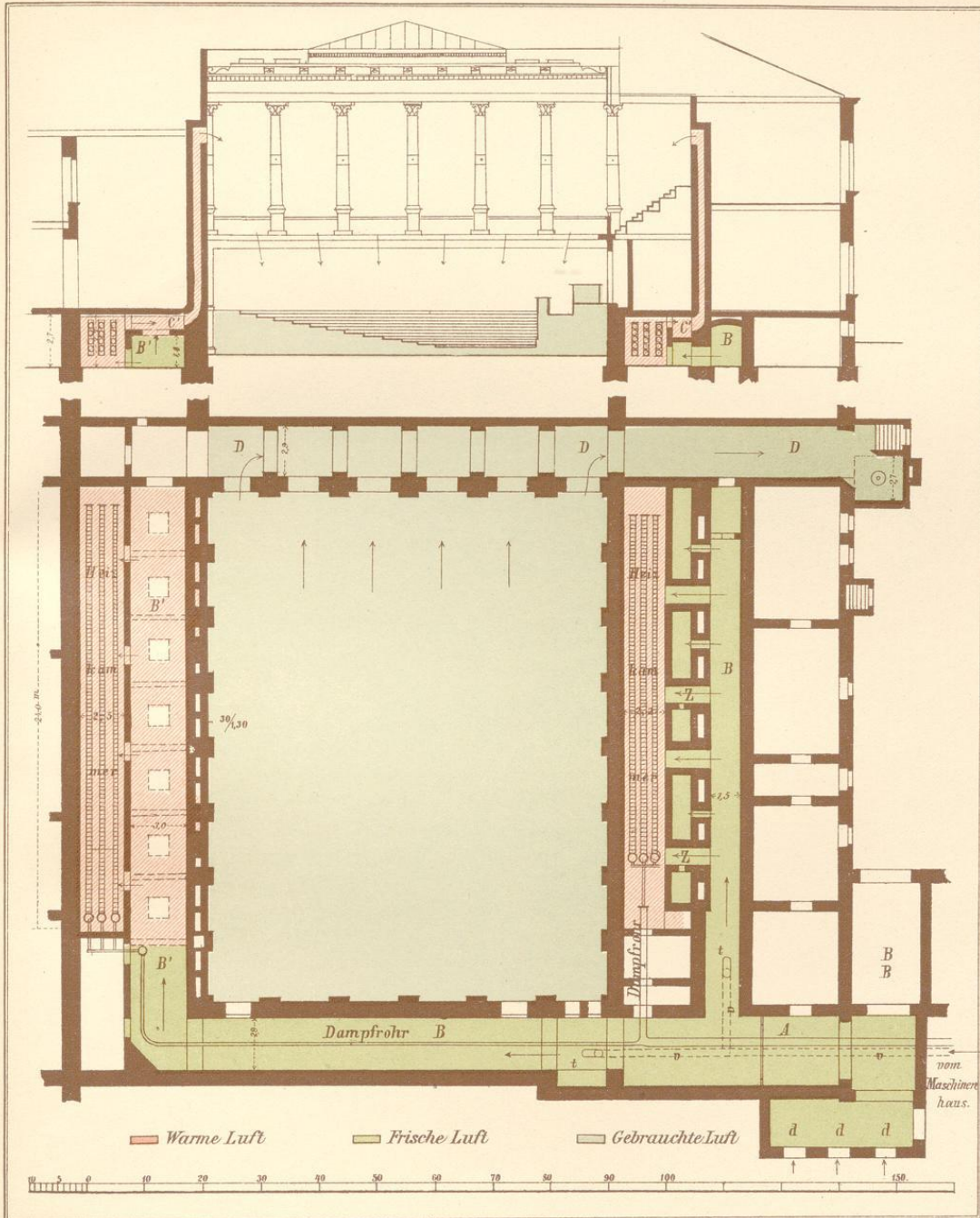
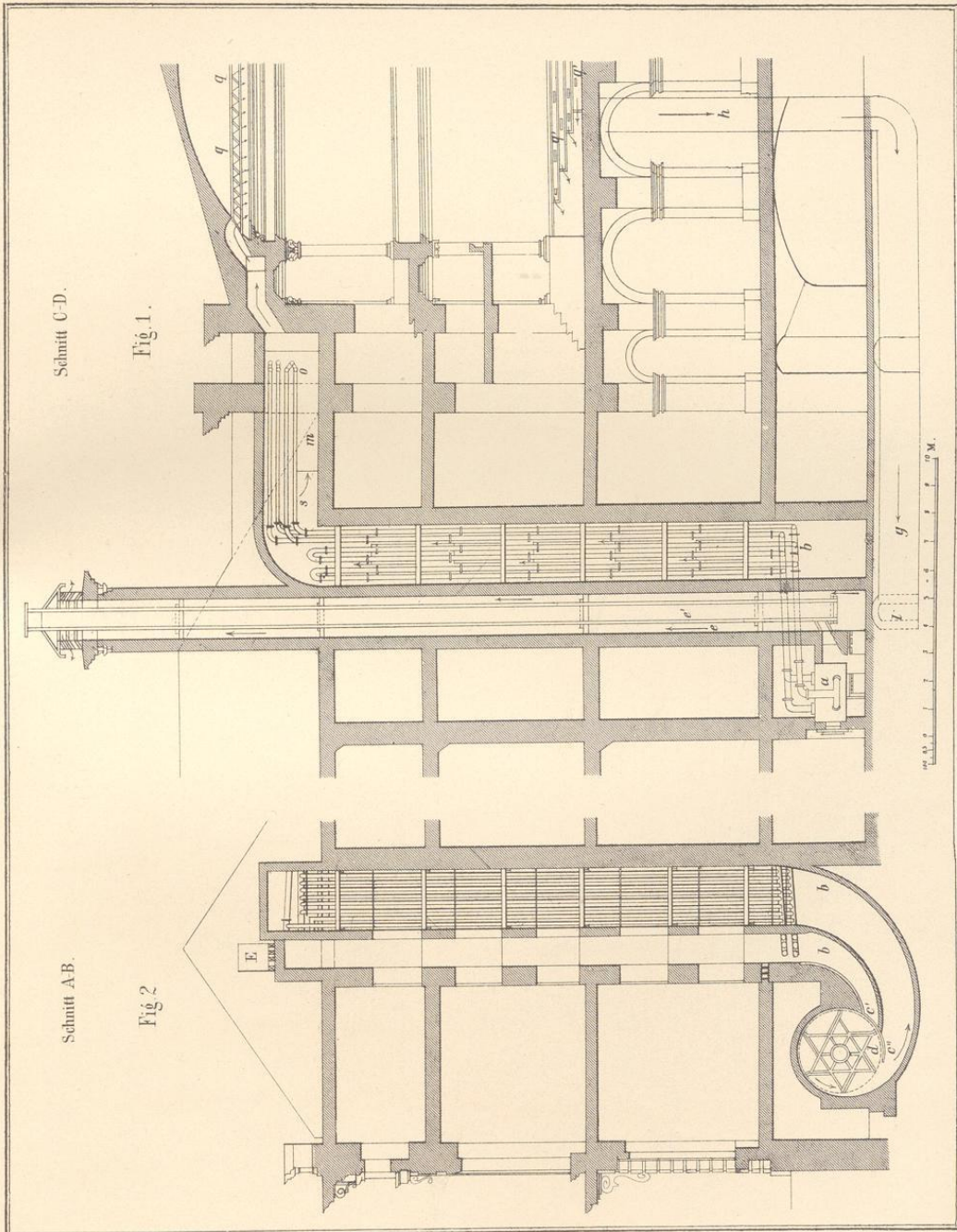
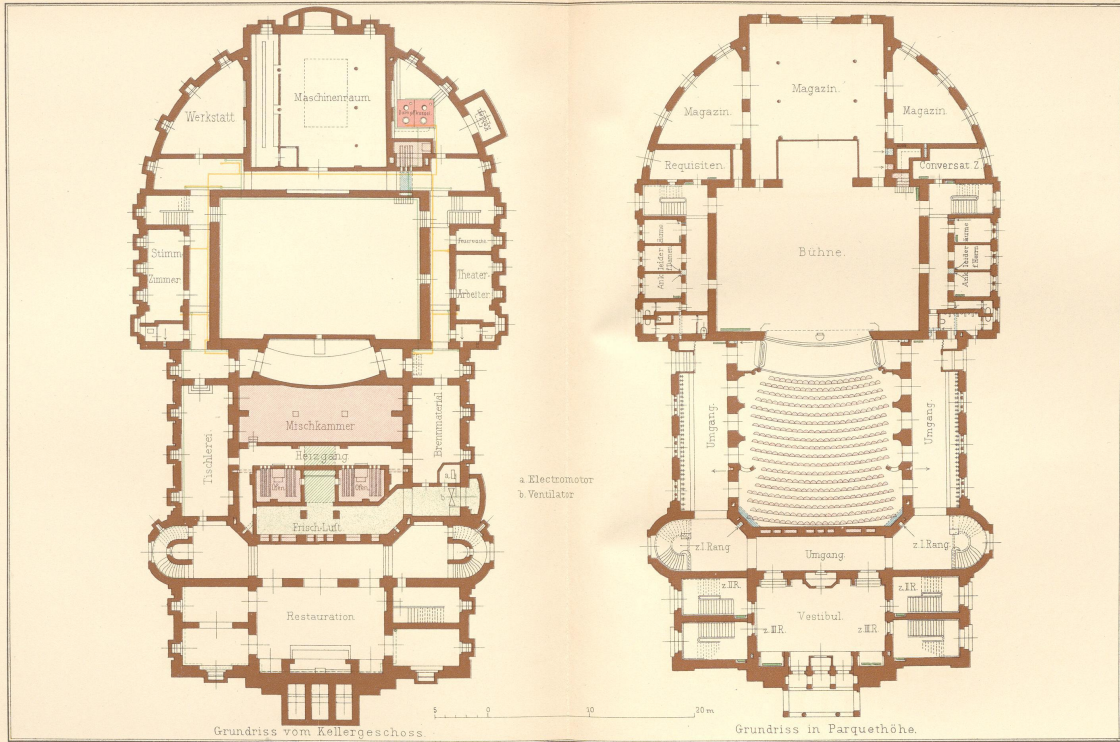


Fig. 4.







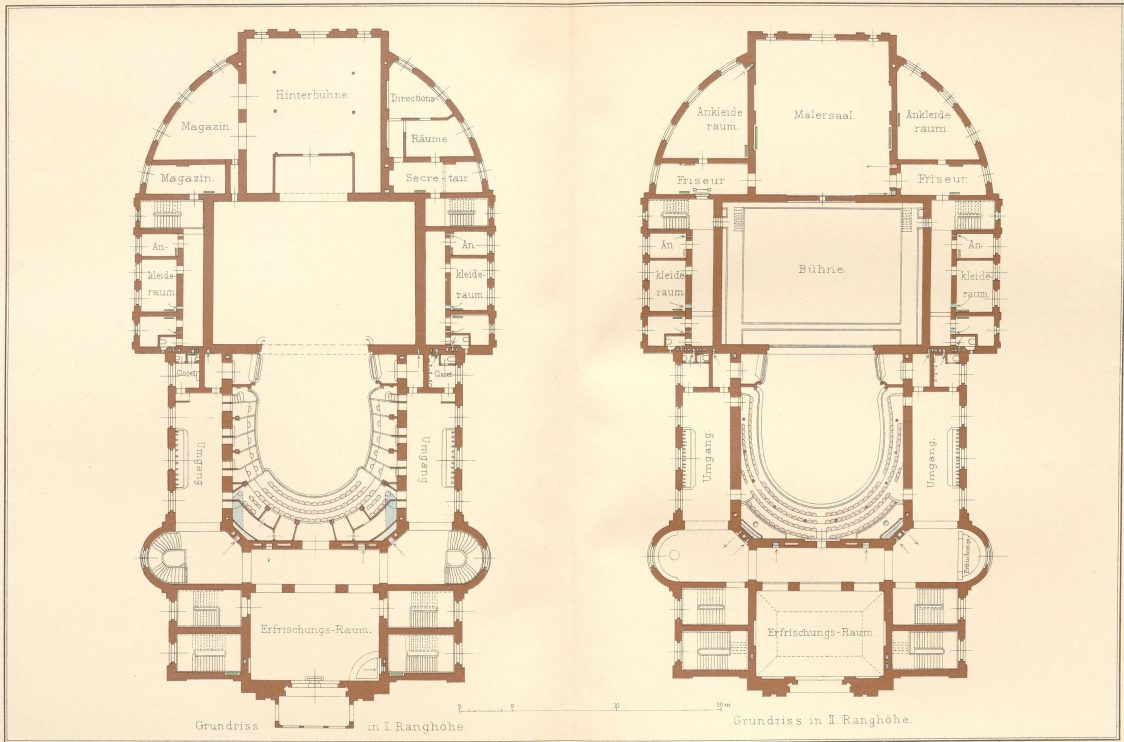


Grundriss vom Kollergeschoss

Grundriss in Parquethöhe.

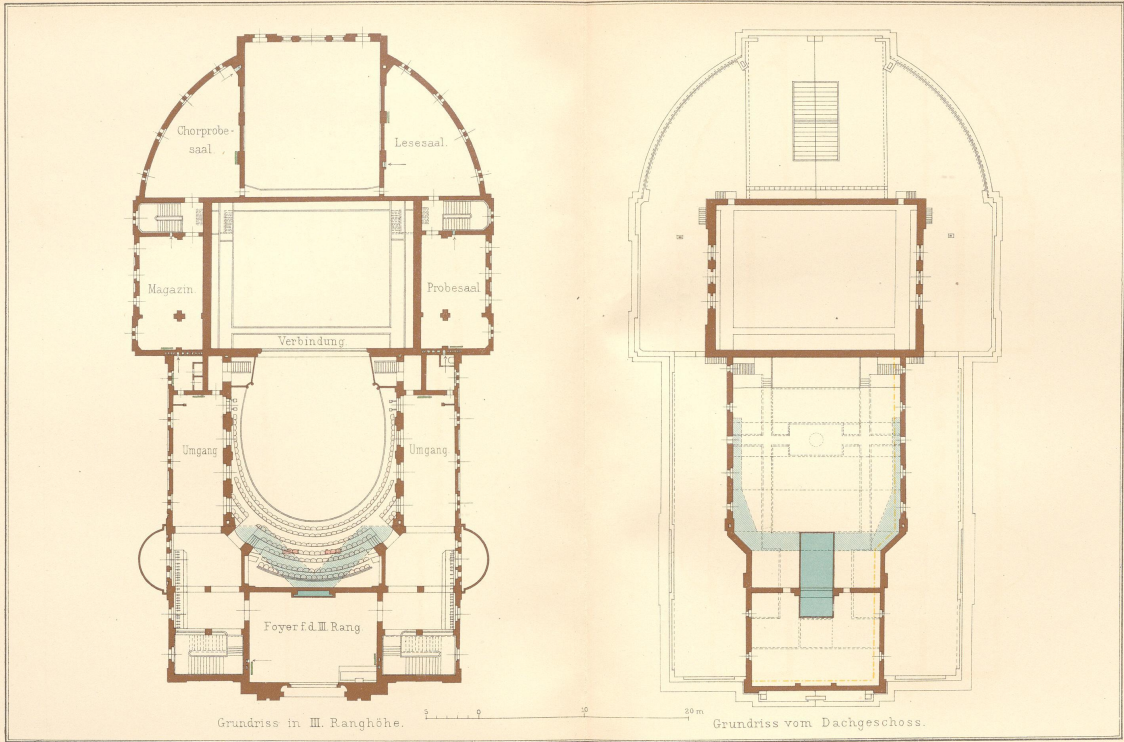
Beymann W. Versch. Kunst- u. Aufz.

J.M. Gebhardt's Verlag, Leipzig.



Beymann W. Versch. Kunst 4. Aufl.

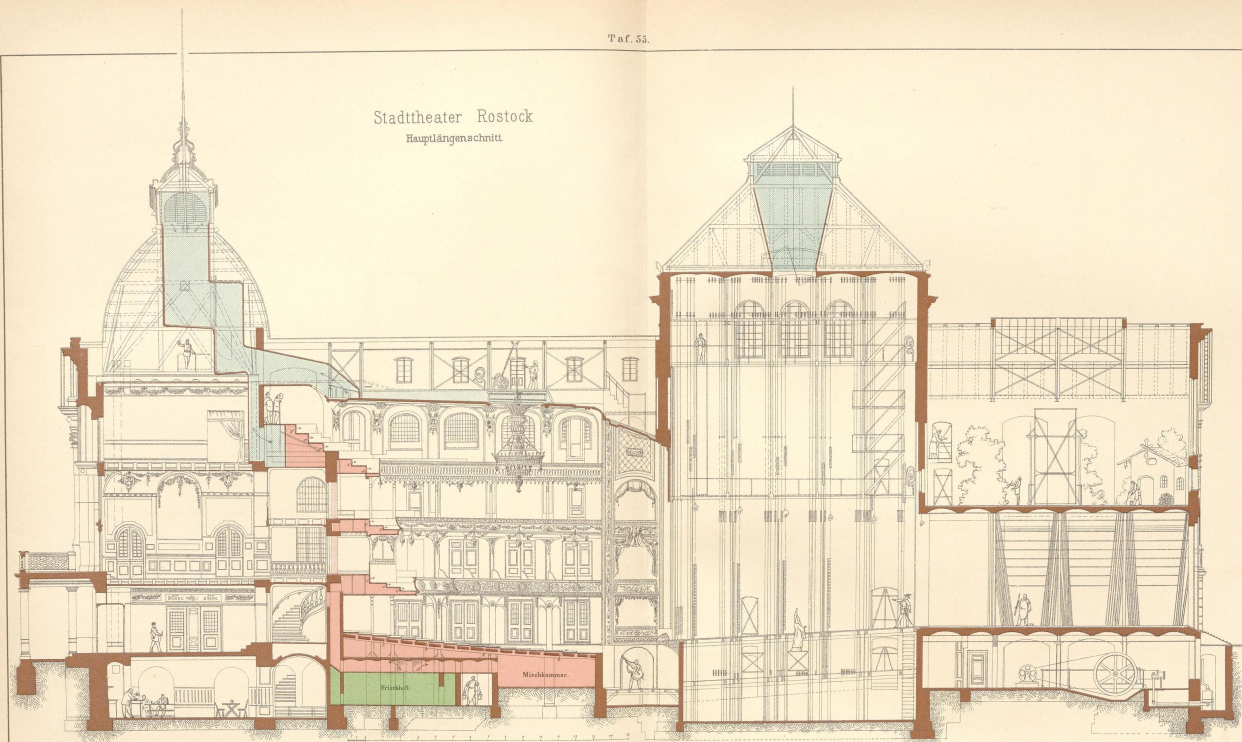
J. M. Gebhardt's Verlag, Leipzig.



Beymehl N. Verrech. Kunst- 4. Aufl.

J. M. Gebhardt's Verlag, Leipzig.

Stadttheater Rostock
Hauptängschnitt



Breymann N Verach Kessle 4 Aufl

J.M. Gebhard's Verlag, Leipzig

Lüftungs-Anlage des Cafe Bauer in Berlin.

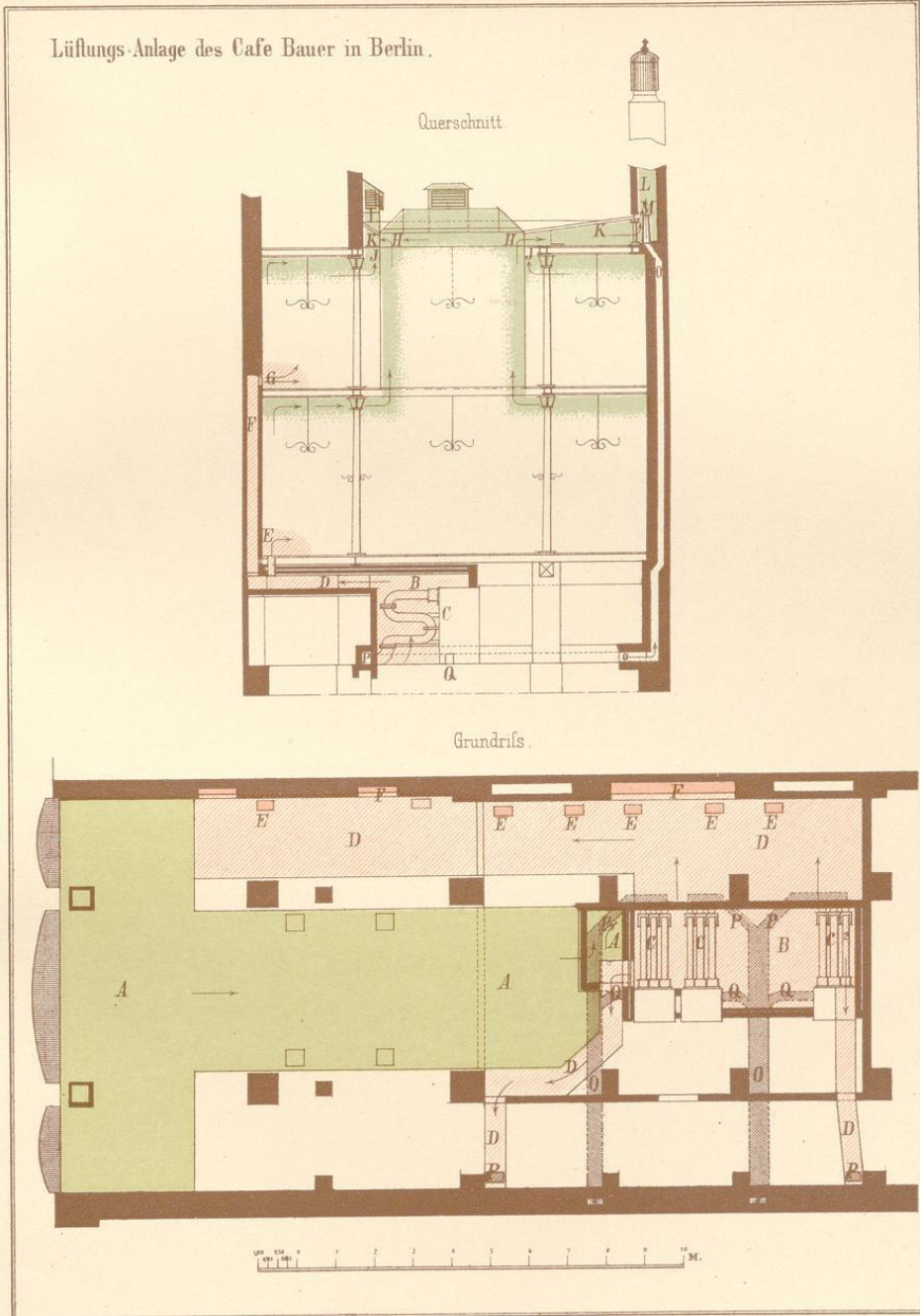


Fig. 1. Grundriß.

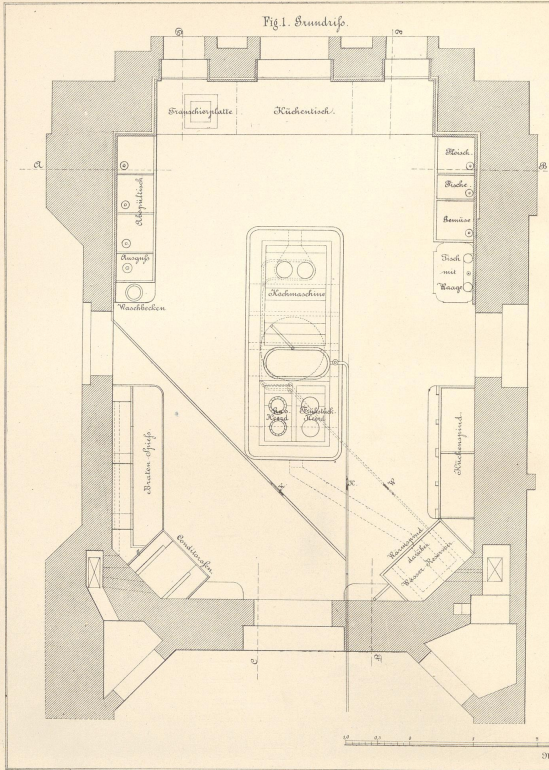


Fig. 2. Ansicht nach A B.

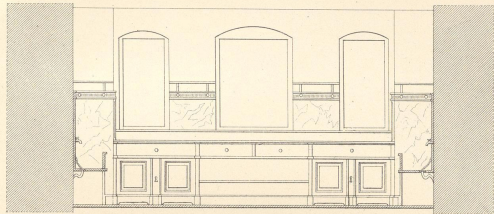


Fig. 3. Ansicht nach C D.

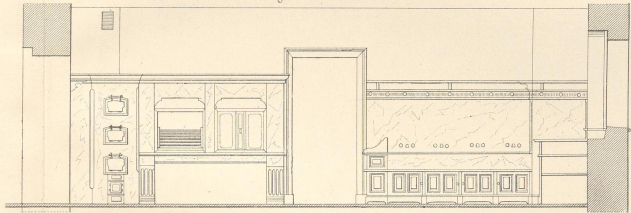
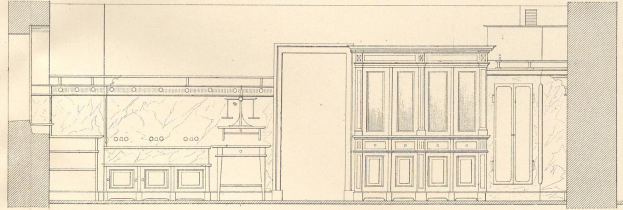


Fig. 4. Ansicht nach E F.



28

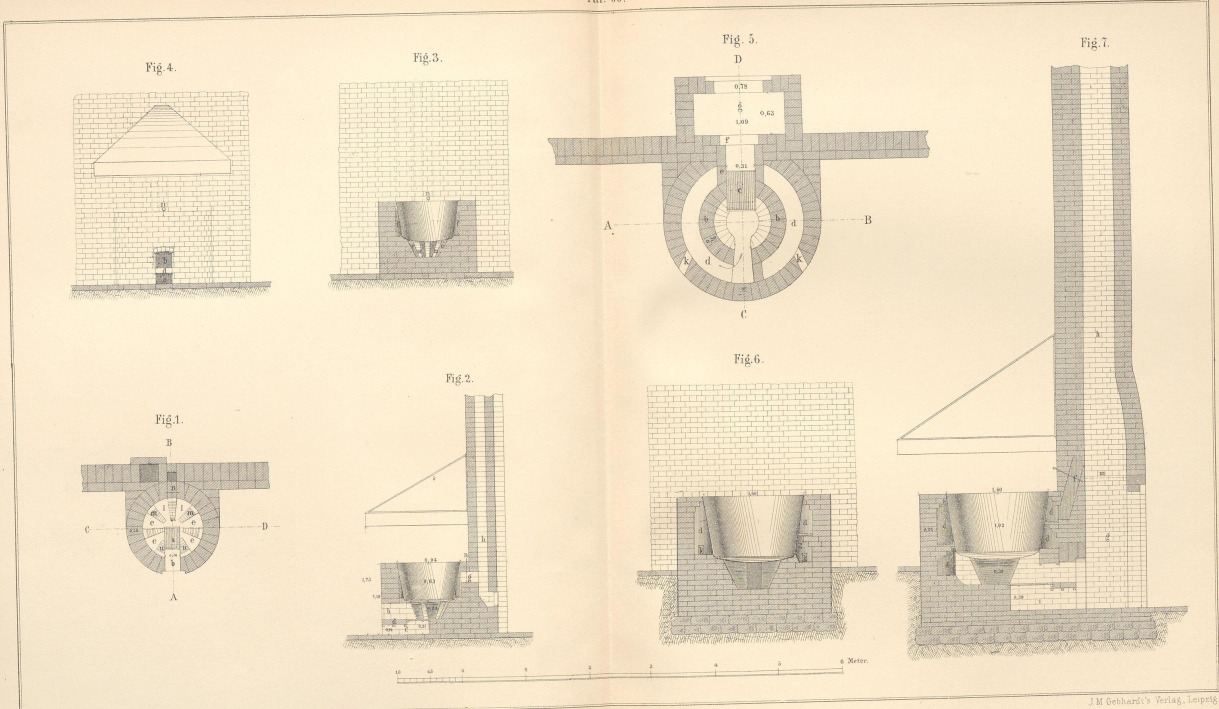
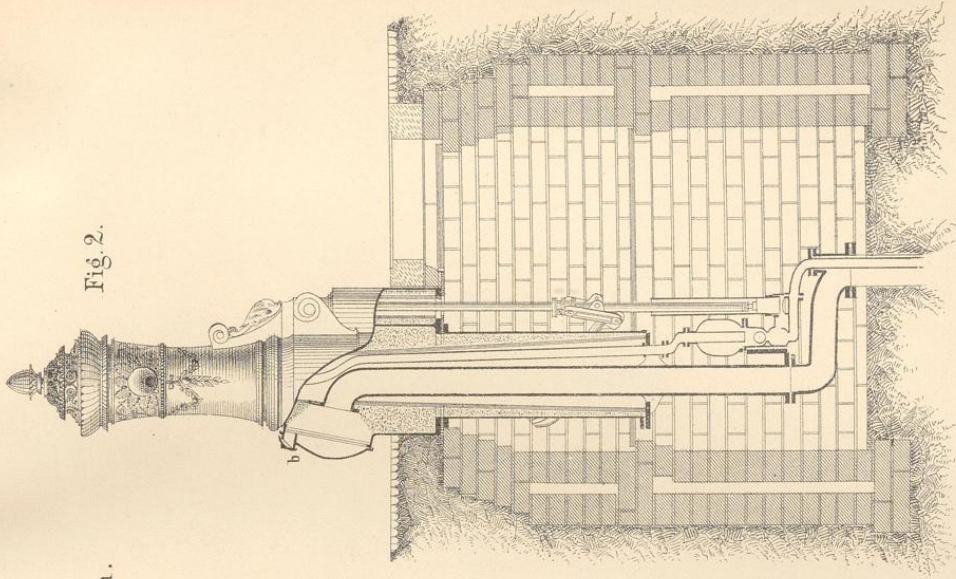
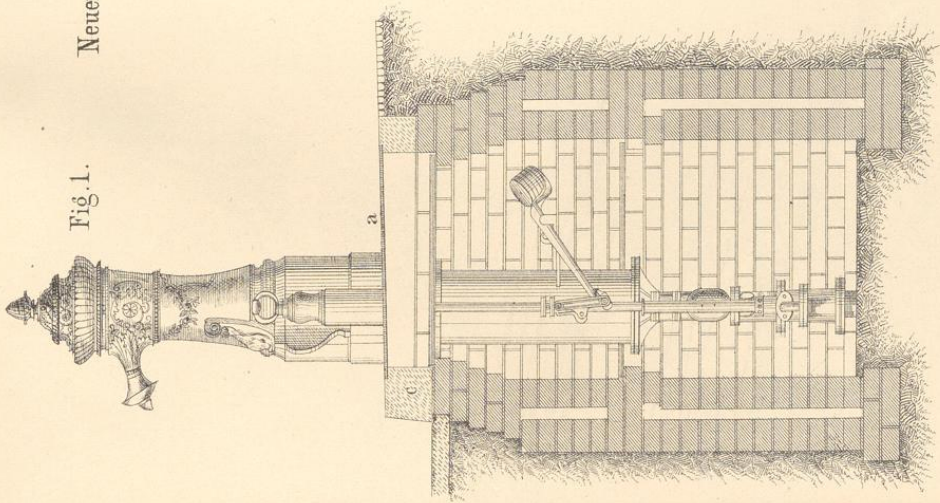


Fig. 2.



Neuer Berliner Straßensbrunnen .

Fig. 1.



Wassermesser aus Bronze
für 30^m Röhrenweite
SYSTEM SIEMENS & HALSKE.

Fig. 1.

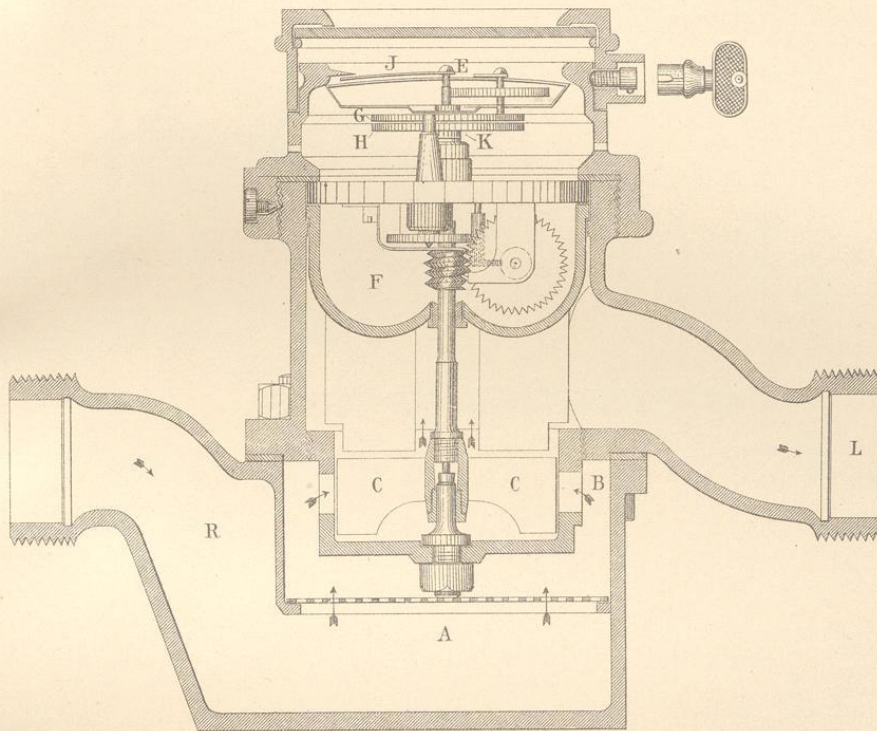


Fig. 4.
Zeigerwerk
mit feststehendem Zifferblatt.

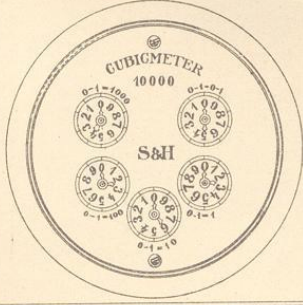


Fig. 2.

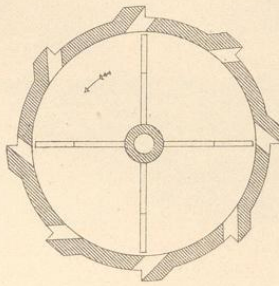
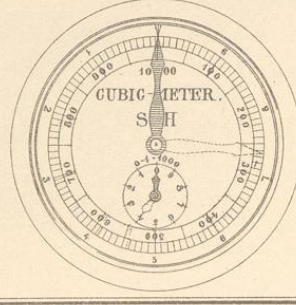
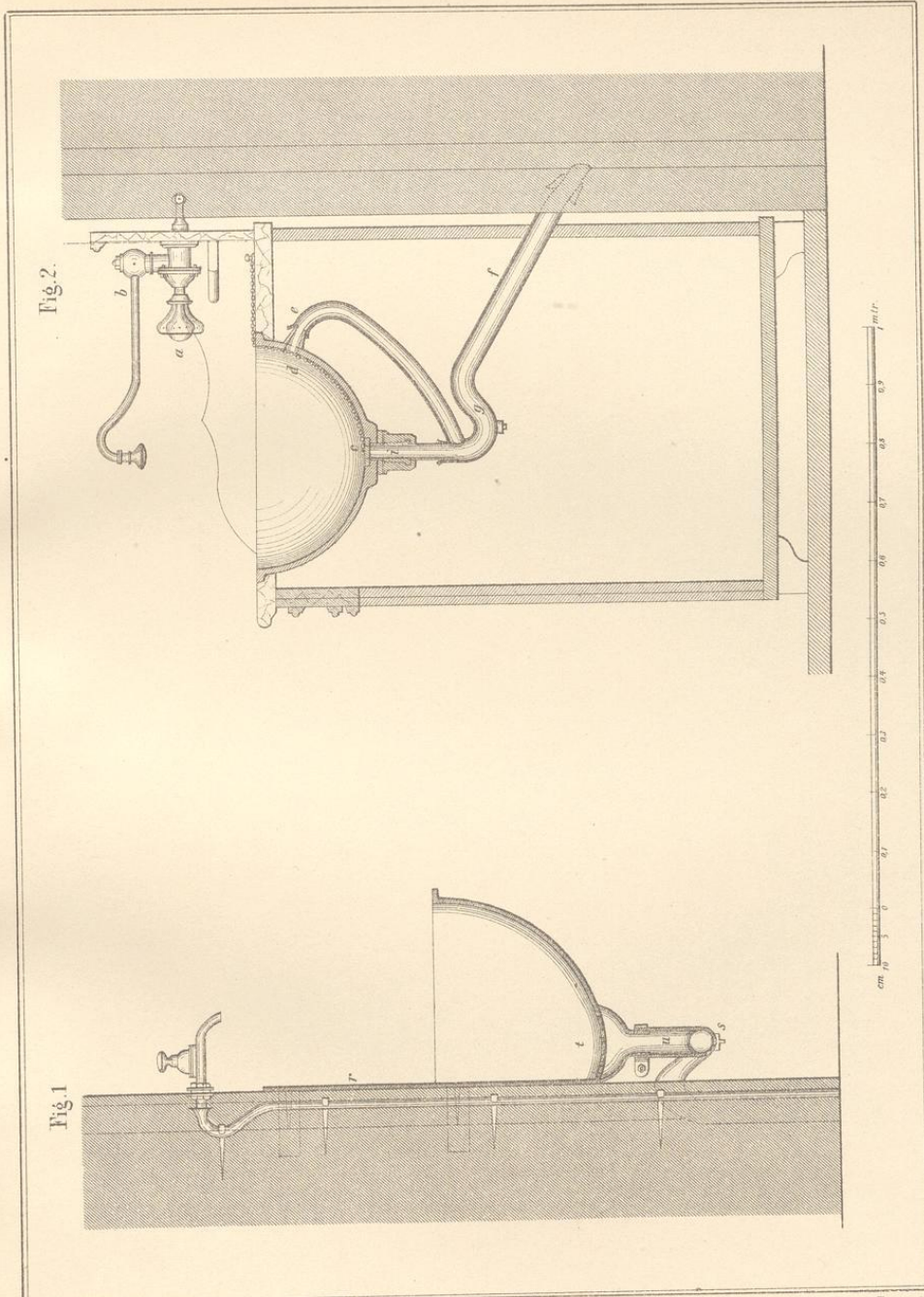


Fig. 3.
Zeigerwerk
mit rotirendem Zifferblatt.



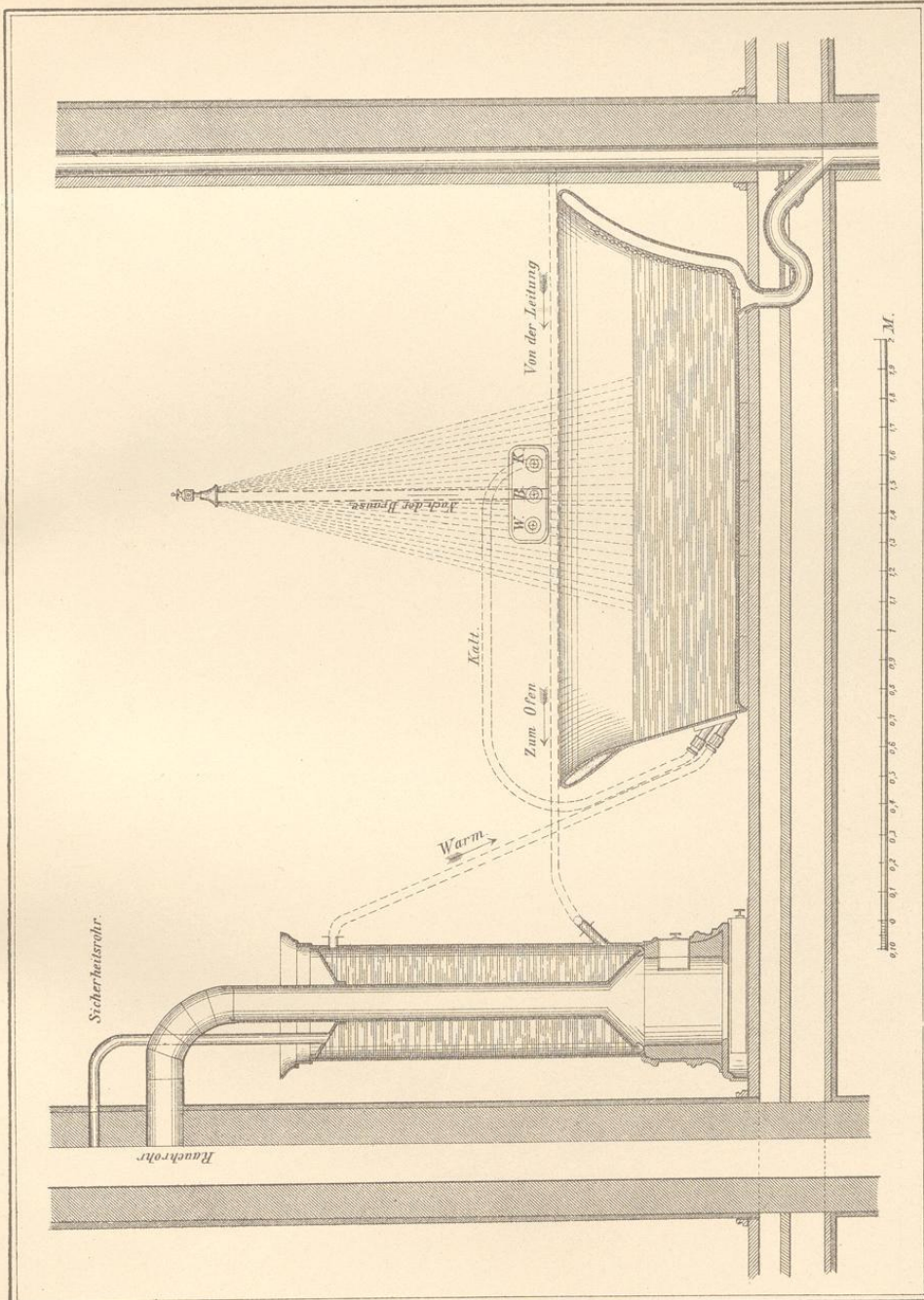
Breymann IV Versch. Konstr. 4. Aufl.

J. M. Gebhardt's Verlag, Leipzig.



Breymann IV Versch. Konstr. 4. Aufl.

J. M. Gebhardt's Verlag, Leipzig.



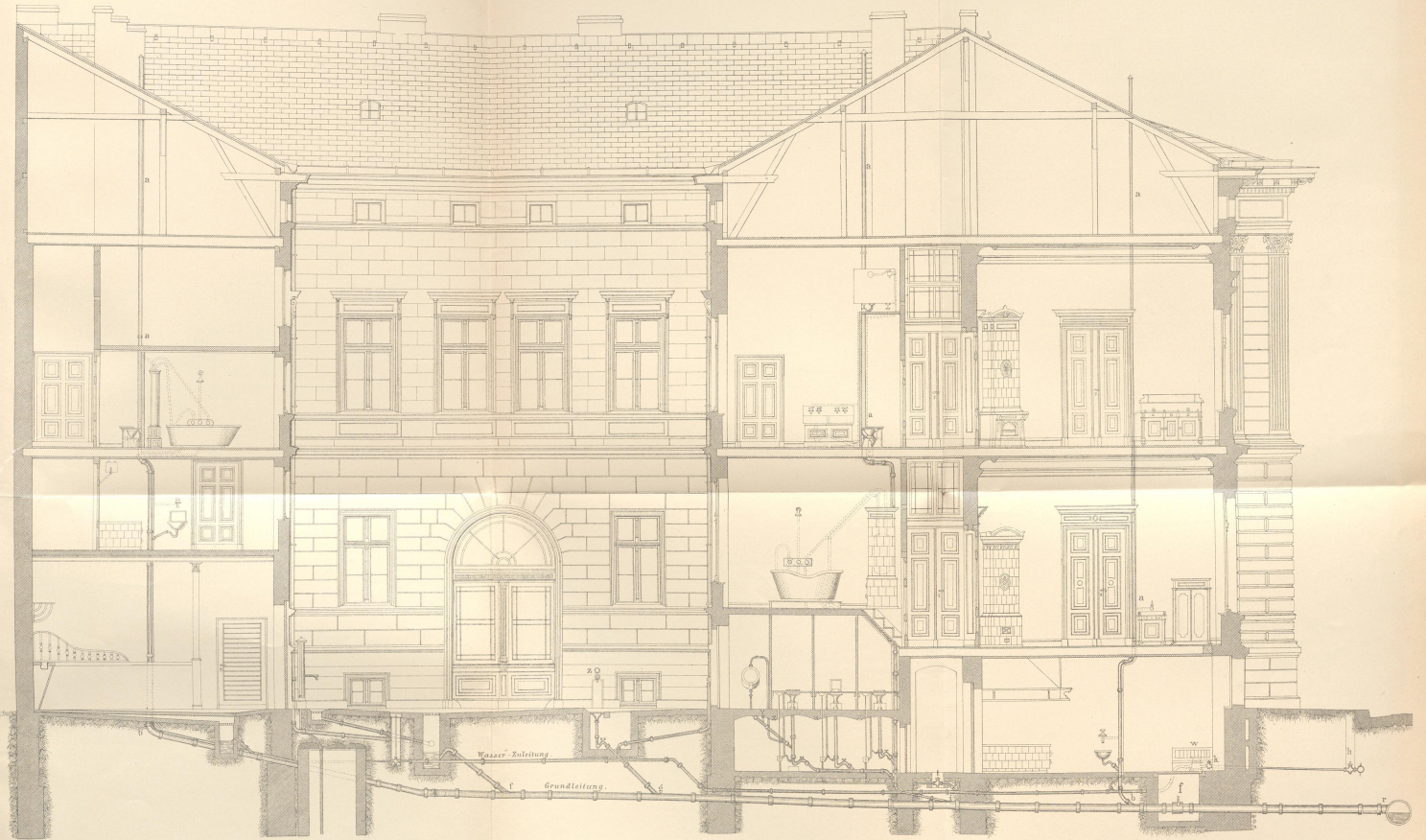


Fig. 2.

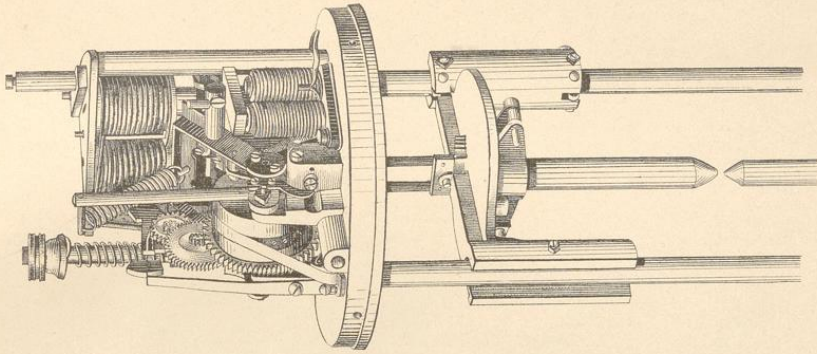


Fig. 1.

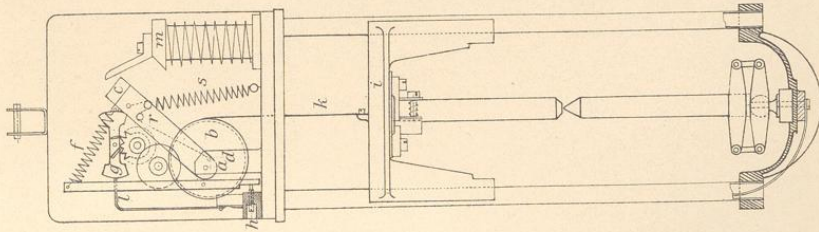


Fig. 3.

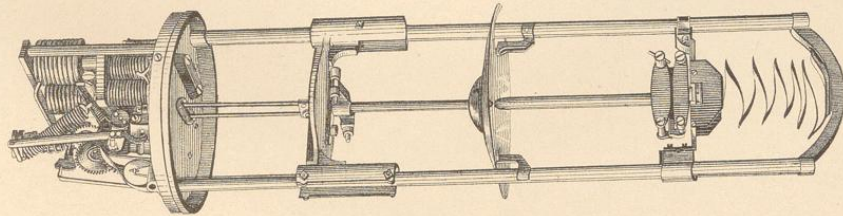


Fig. 2. Wechselstrom-Boğenlampe
ohne Reflektor.

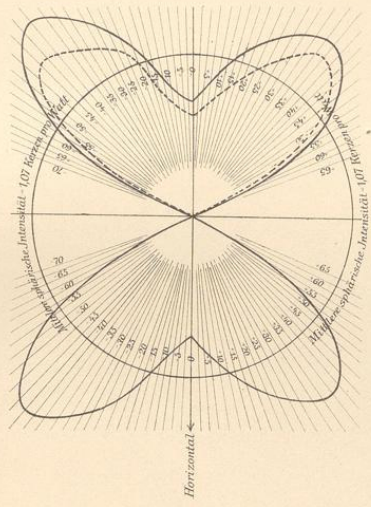


Fig. 3. mit Reflektor.

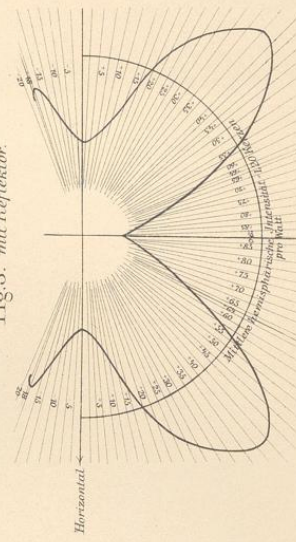


Fig. 1. Gleichstrom-Boğenlampe
Strahlungskurve.

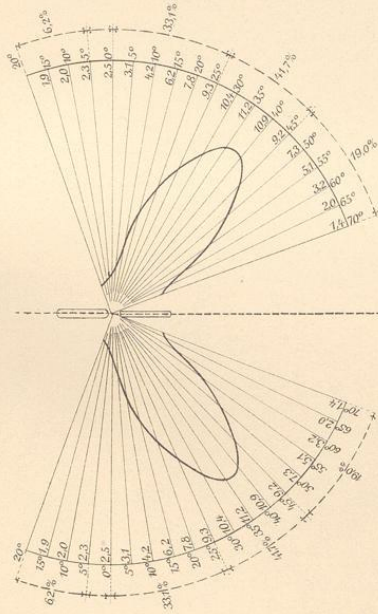


Fig. 4. Schwächung der Leuchtkraft
durch Glasglocken.

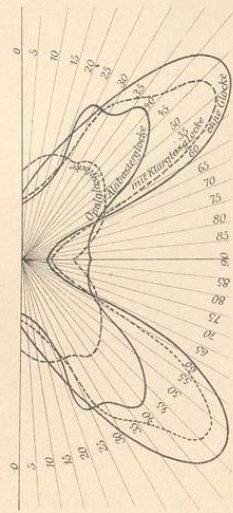


Fig. 4.

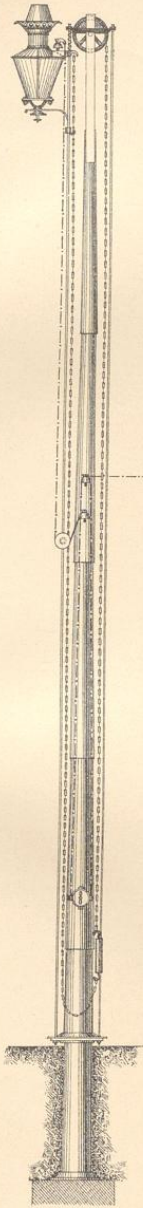


Fig. 3.

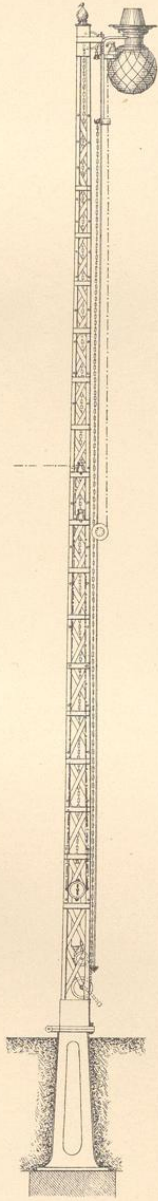


Fig. 2.

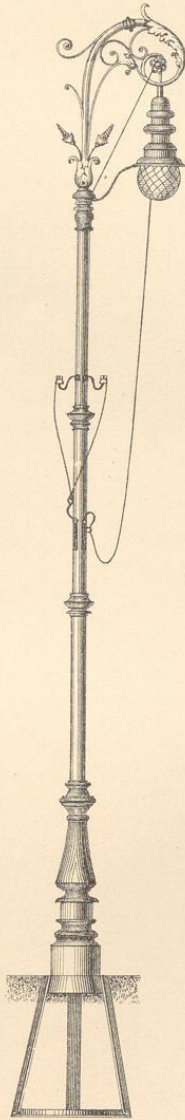
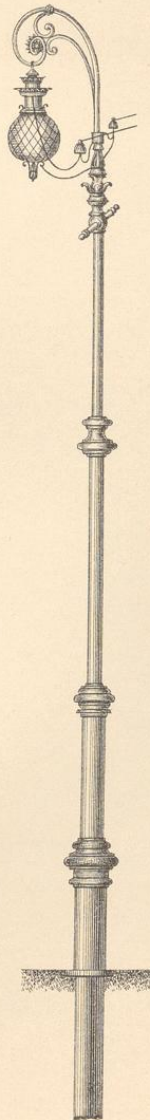
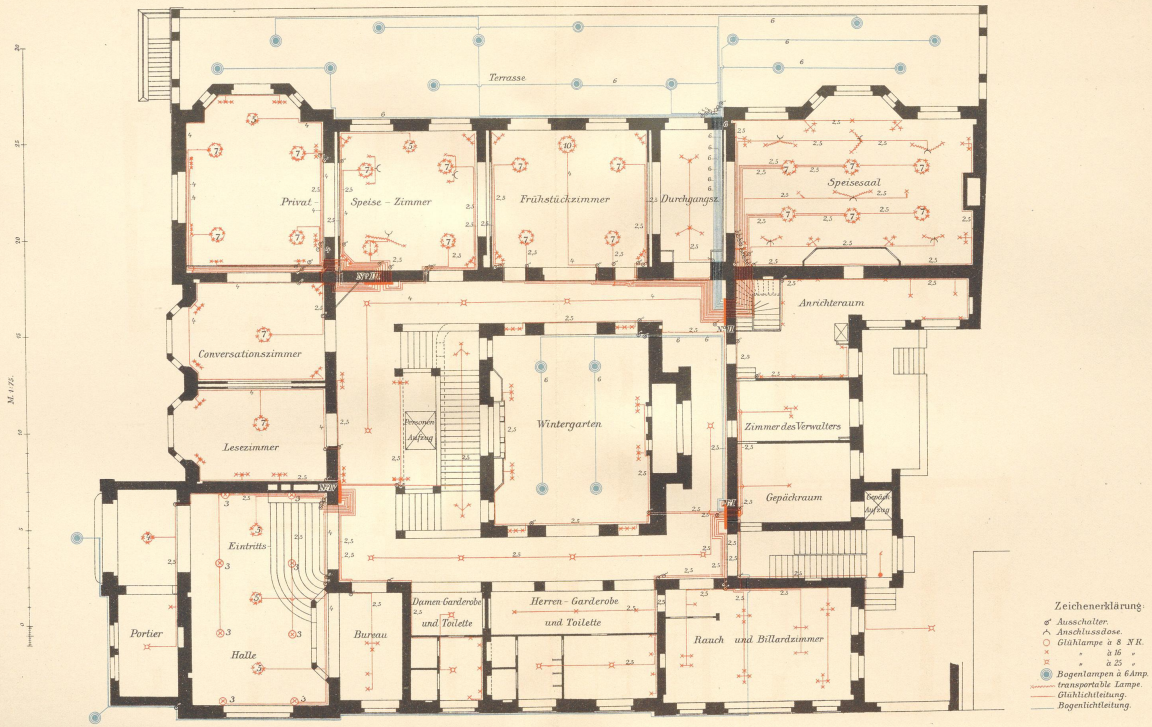


Fig. 1.



Maßstab 1 : 25.

Taf. 67.
Beleuchtungsplan für das Erdgeschoss.



Zeichenerklärung
 □ Ausschalter
 ▲ Anschlussdose
 ○ Glühlampe à 8 N.R.
 × " " " " à 15 " "
 ⊞ " " " " " " " " " " à 25 " "
 ⊕ Bogenlampe à 6 Amp.
 ⊖ transportable Lampe
 — Glühlichtleitung
 — Bogenlichtleitung

Nasser Gasmesser mit Absperr-Vorrichtung.

Fig. 1. Ansicht von vorn.

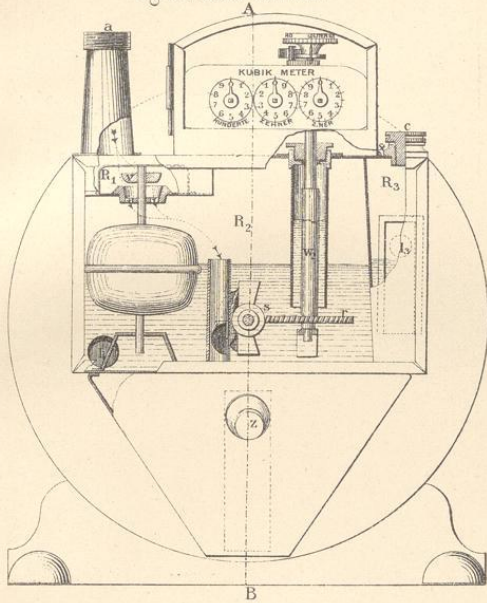


Fig. 2. Schnitt nach A B.

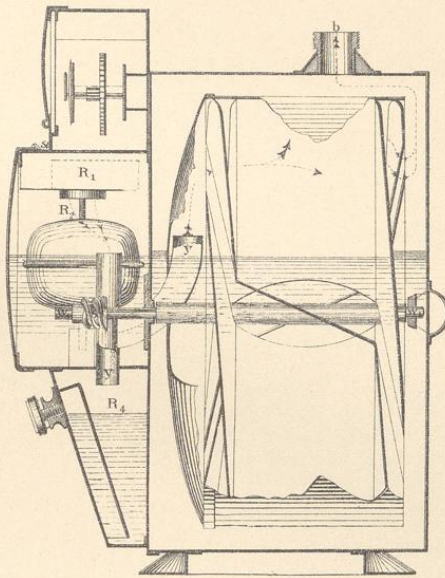


Fig. 3. Perspektivische Ansicht.

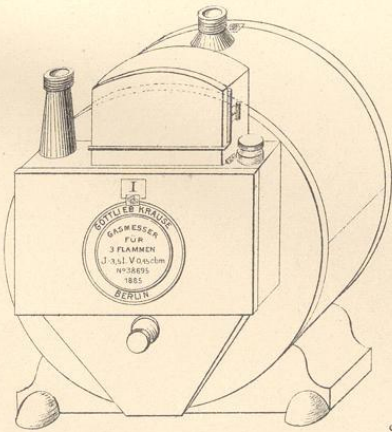


Fig. 4. Zählwerk

Fig. 4. a.

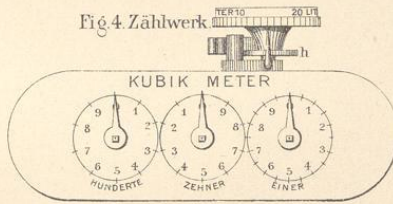


Fig. 4. b. Schnitt nach E F.

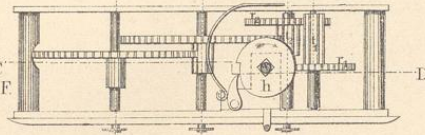
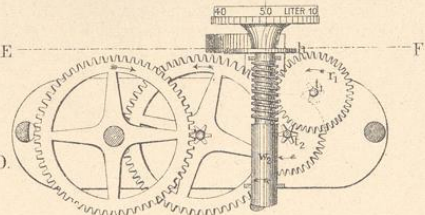
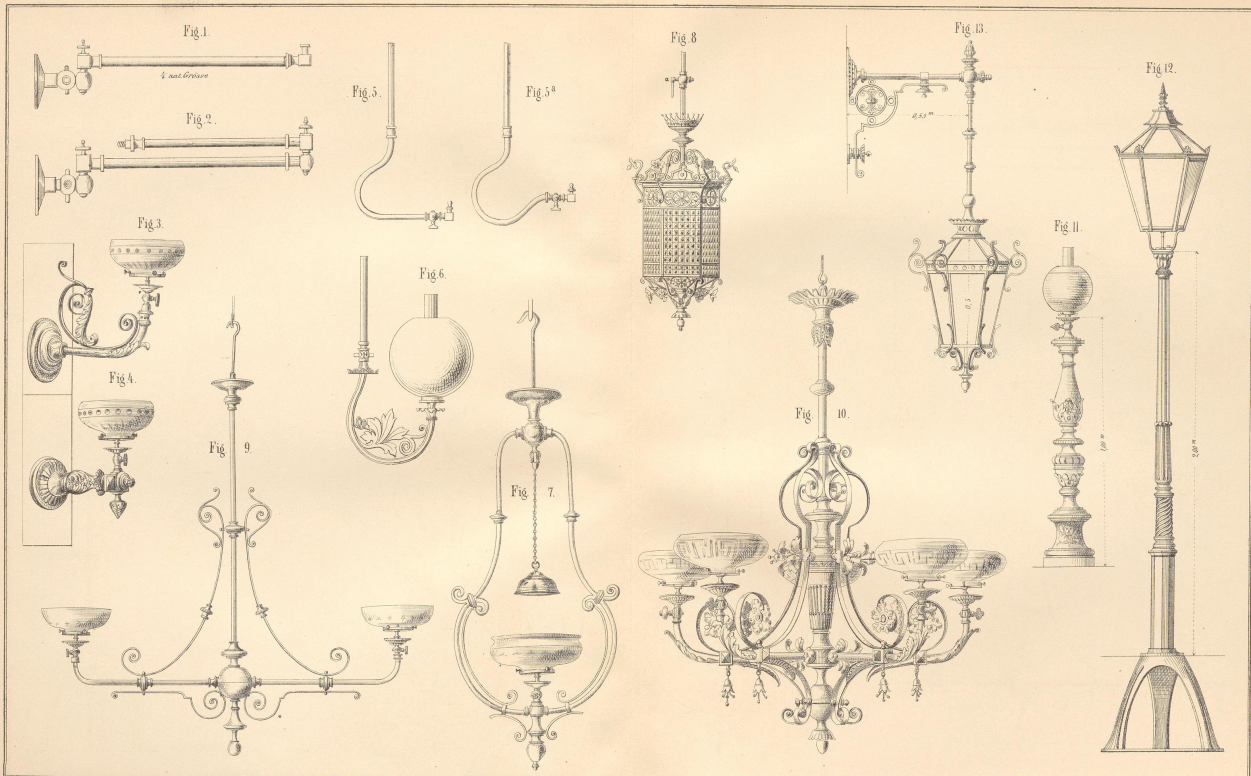


Fig. 4. c. Schnitt nach C D.

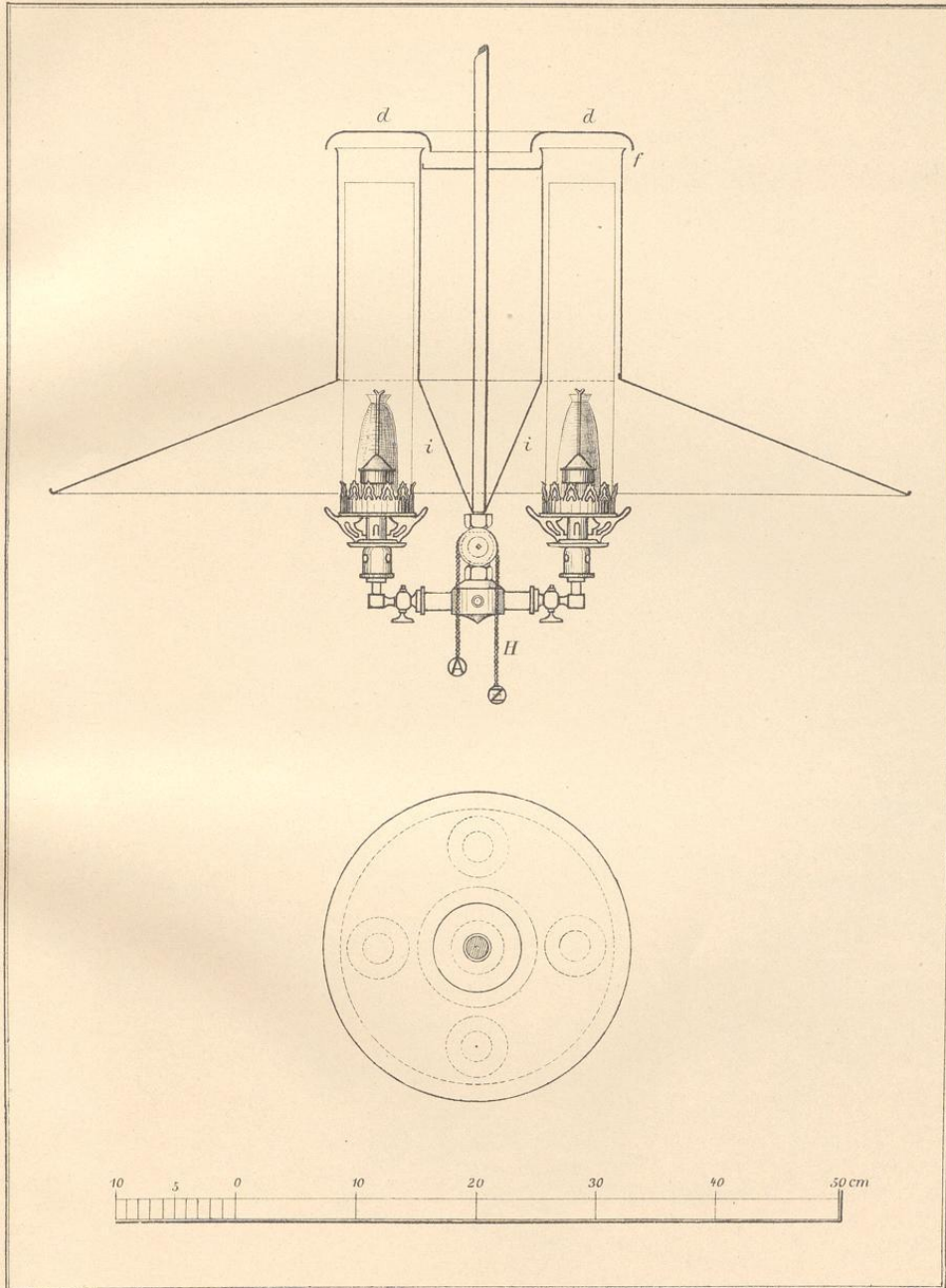


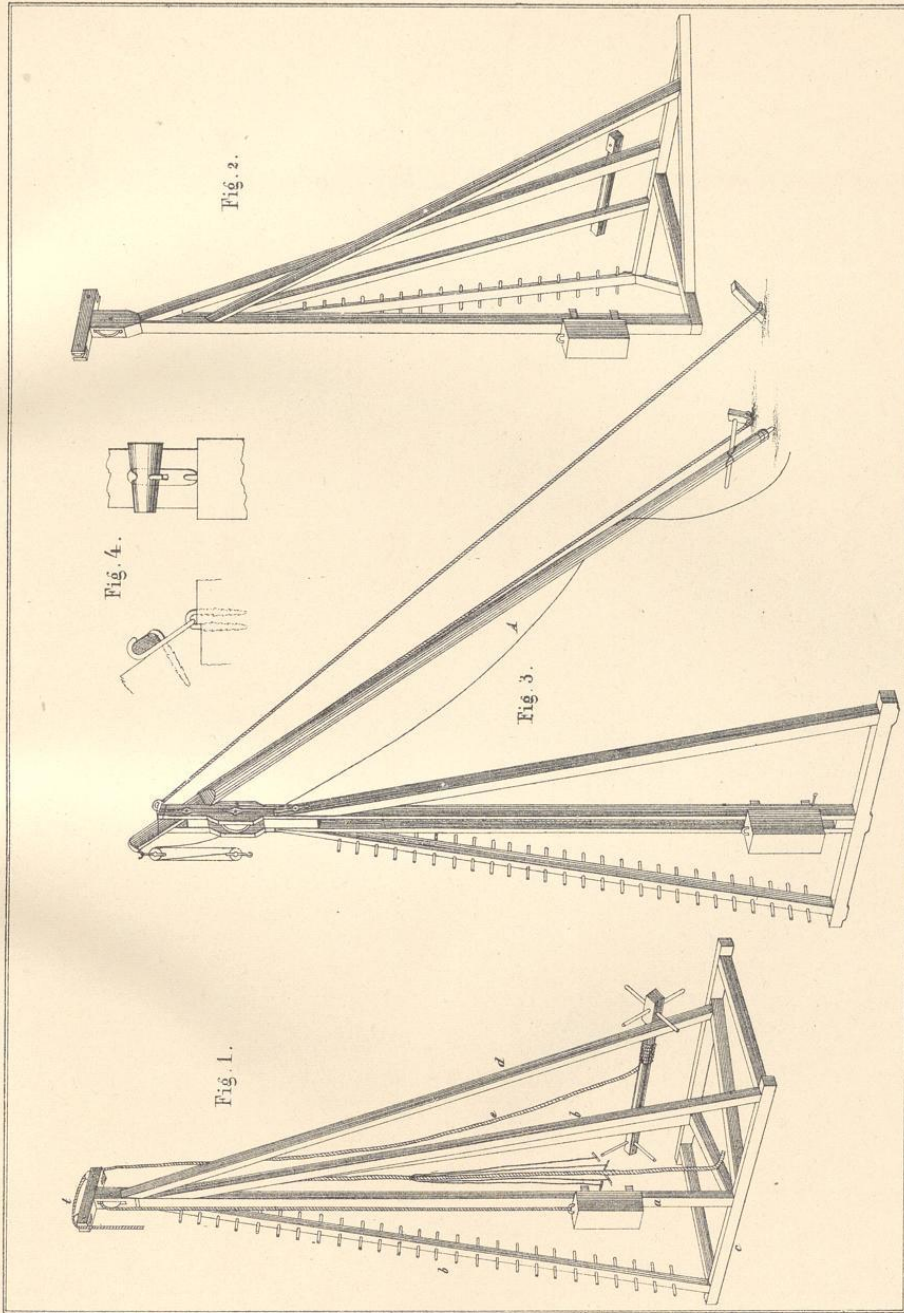


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Die Muster Fig. 3, 4, 7, 8, 9, 13 sind gesetzlich geschützt.

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Fig. 4.

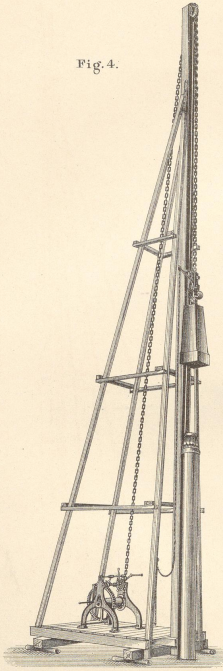


Fig. 3.

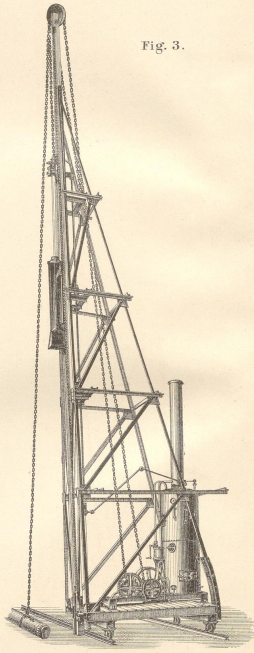


Fig. 2.

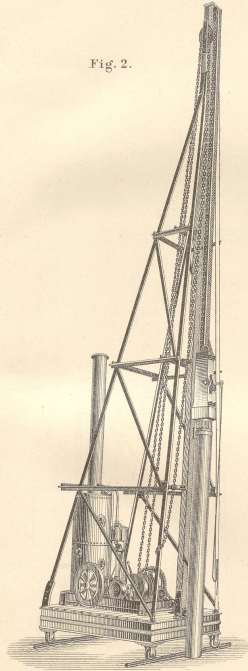
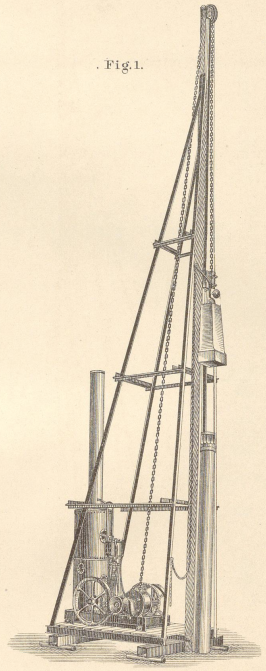
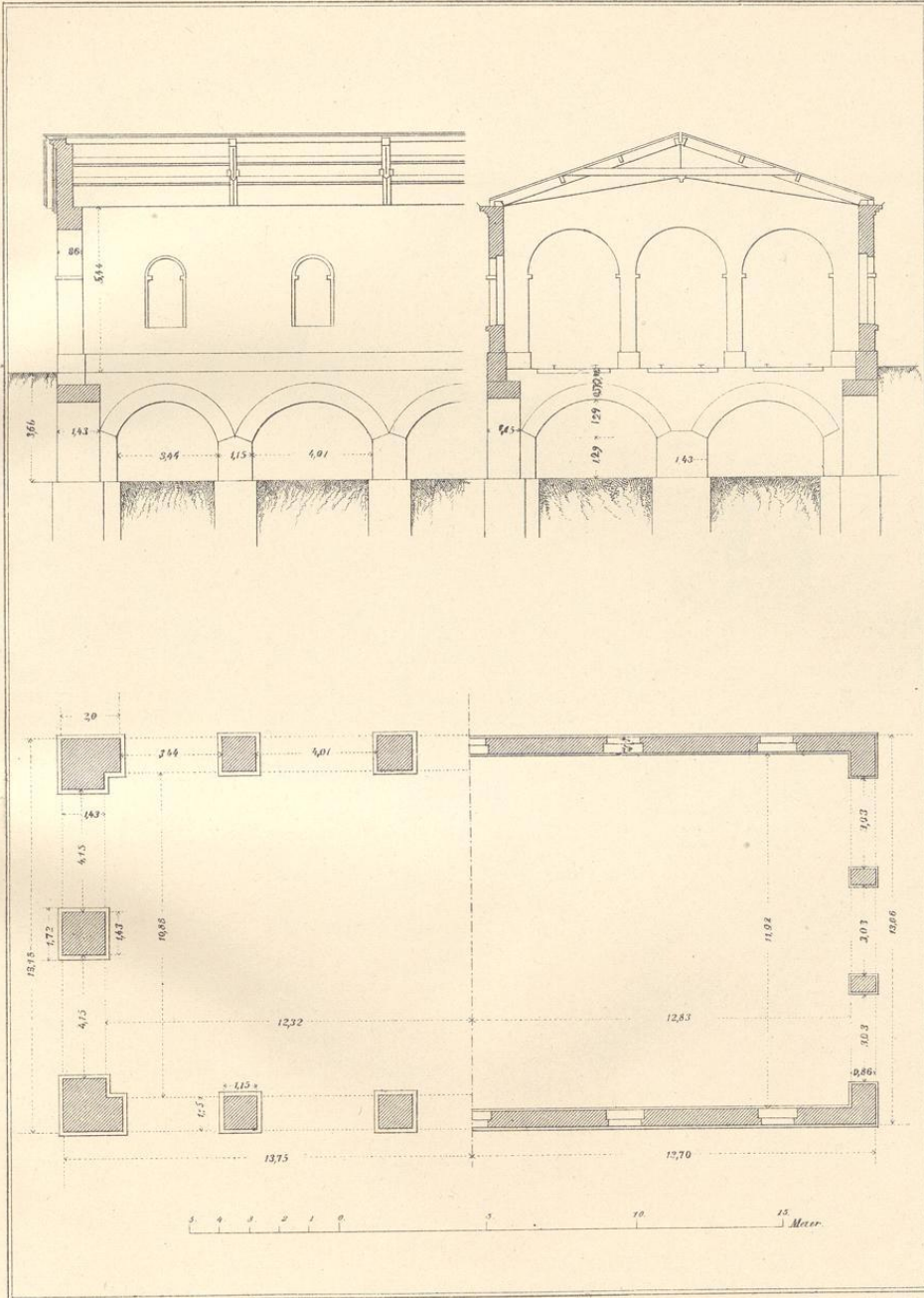


Fig. 1.



Taf. 73.



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