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Atlas

zu

Dingler's polytechnisches Journal.

Band 229.

(Neunundfünfzigster Jahrgang.)

Jahrgang 1878.

Enthaltend 44 lithographirte Tafeln.

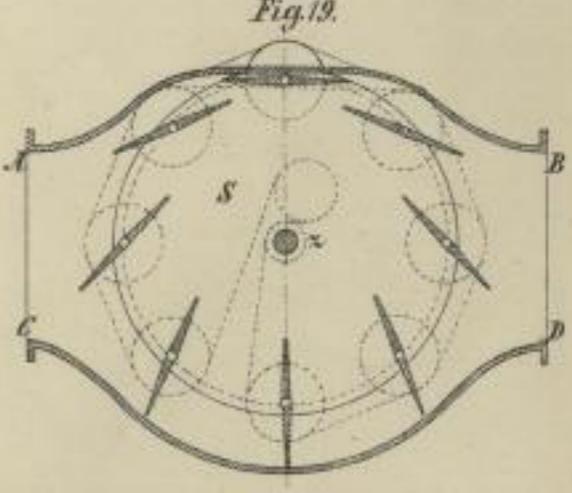
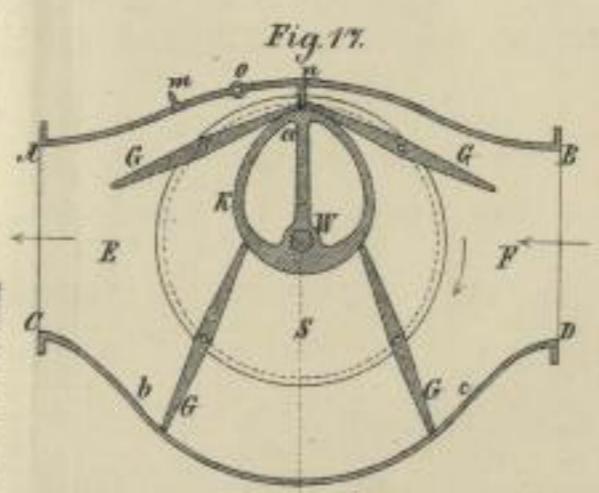
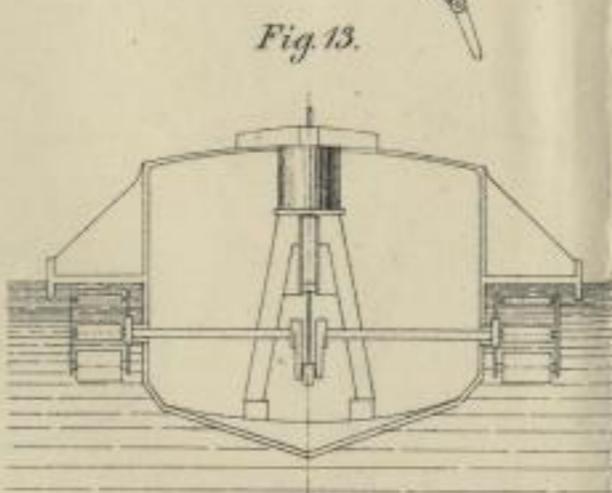
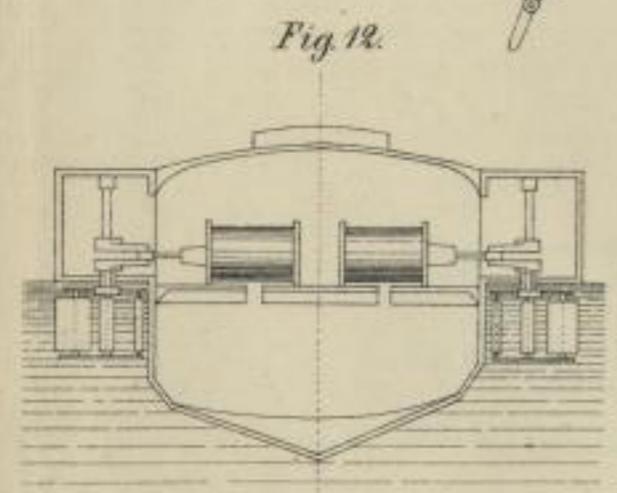
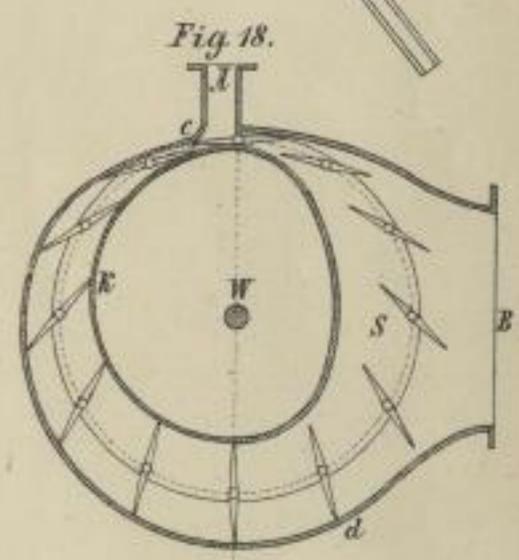
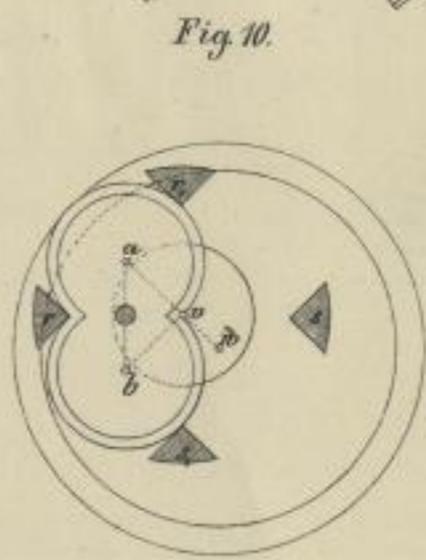
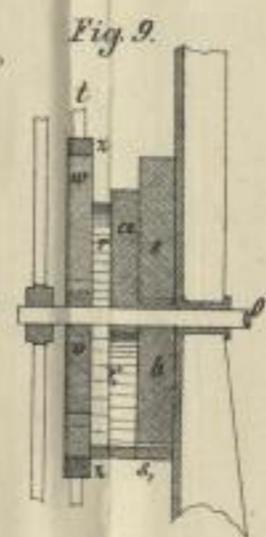
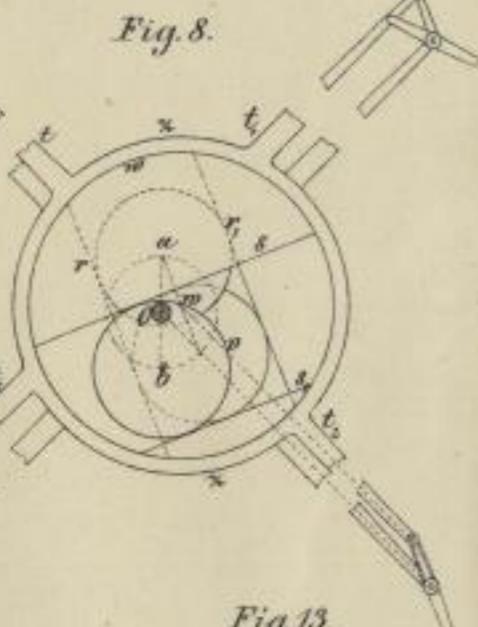
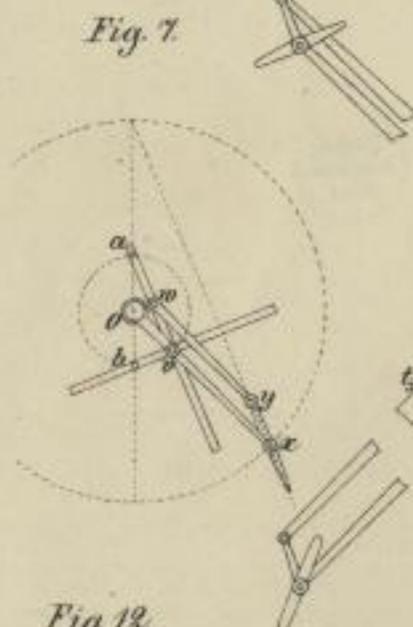
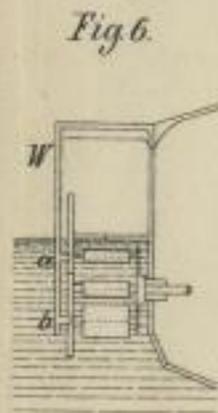
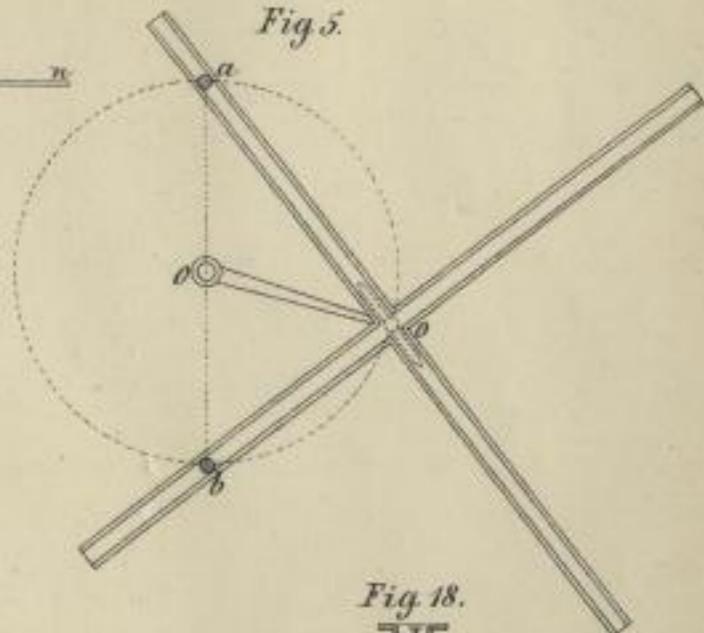
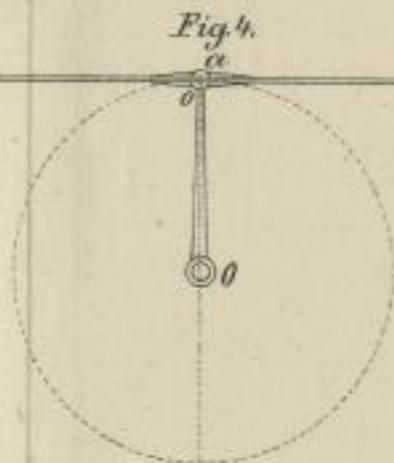
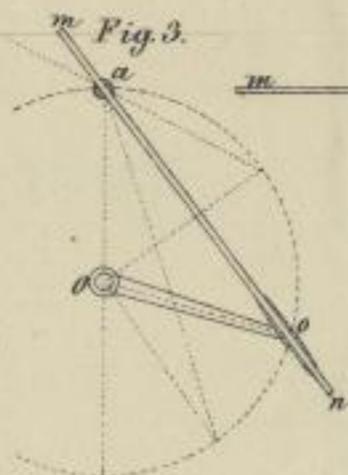
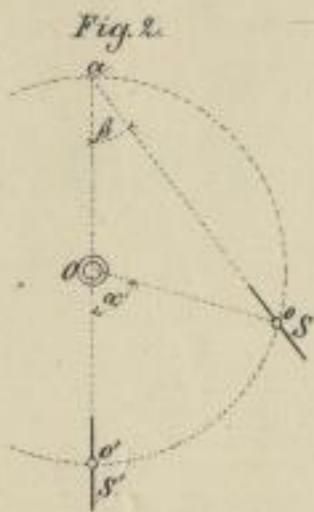
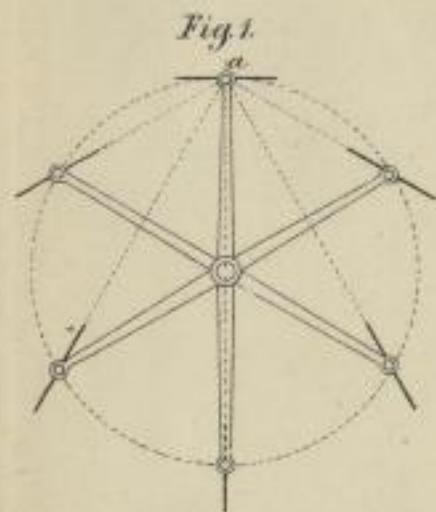


Augsburg.

Druck und Verlag der J. G. COTTA'schen Buchhandlung.

15312

A. Jarolimek: Ueber die Reconstruction und Anwendung des Oldham-Rades.



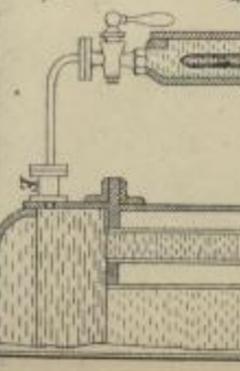
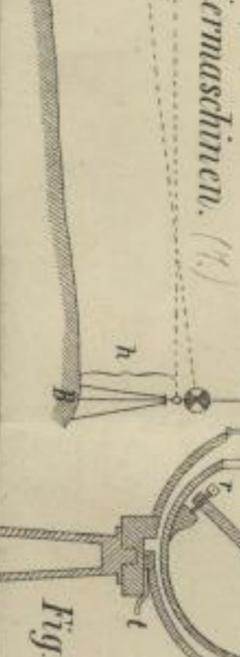
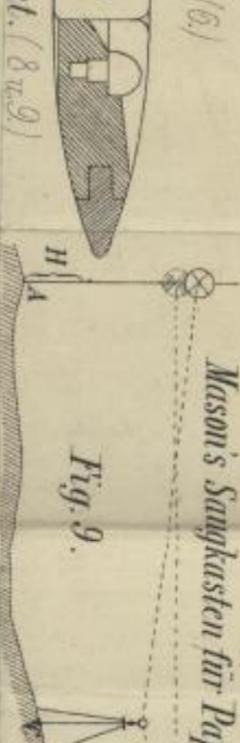
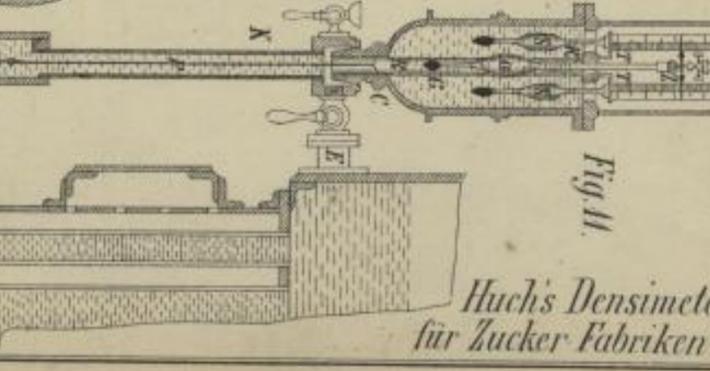
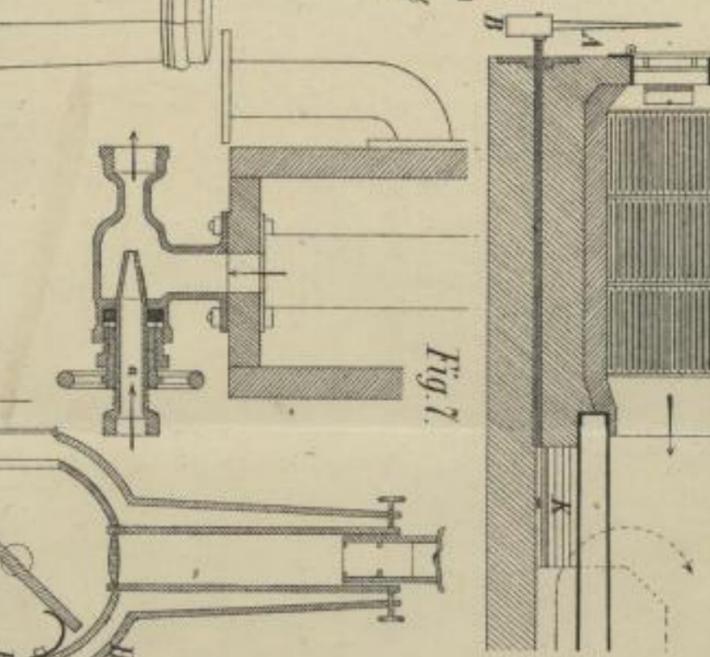
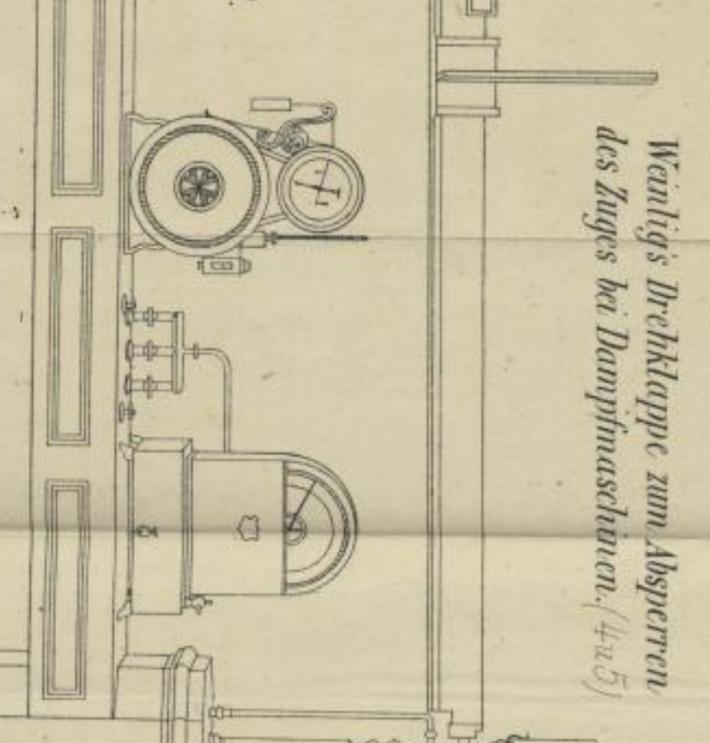
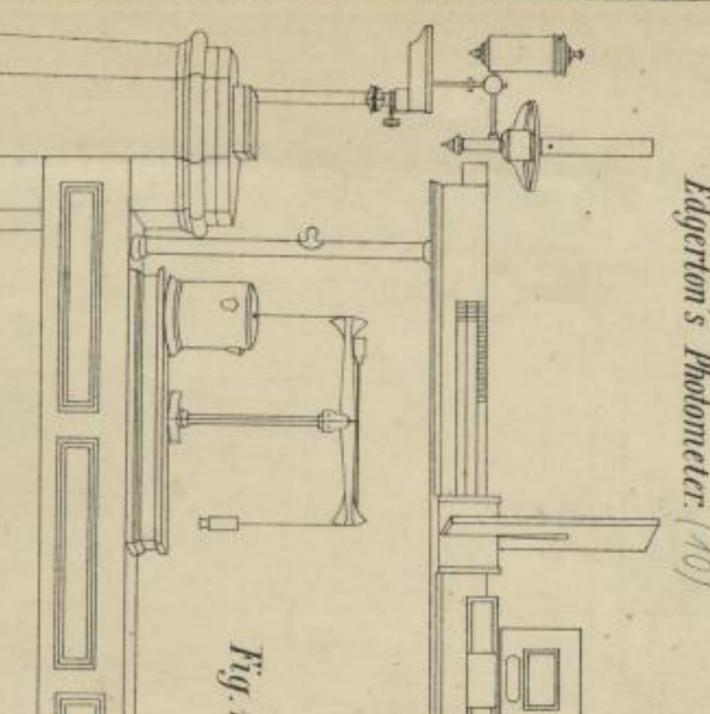
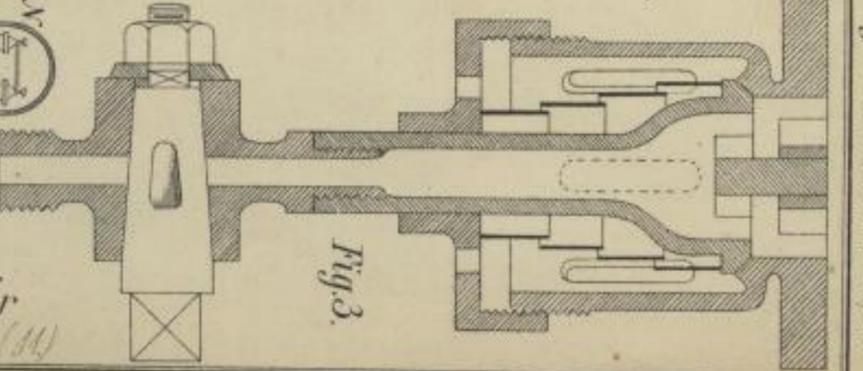
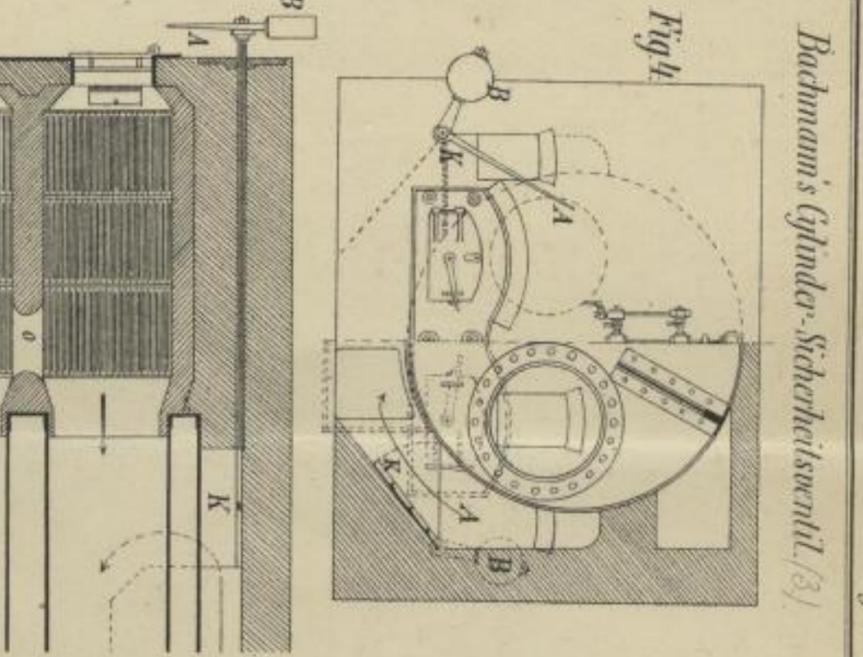
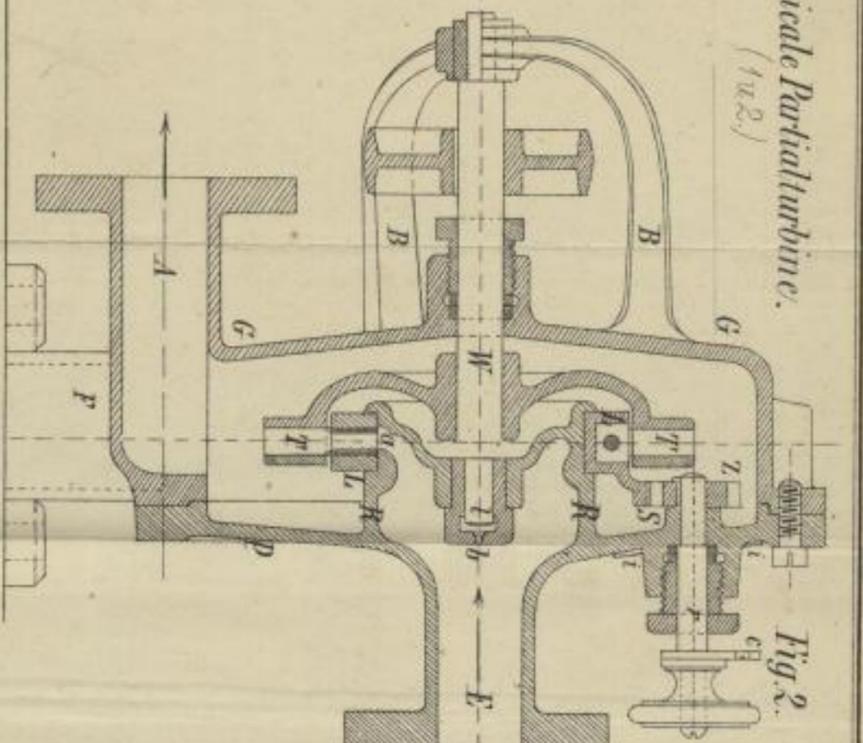
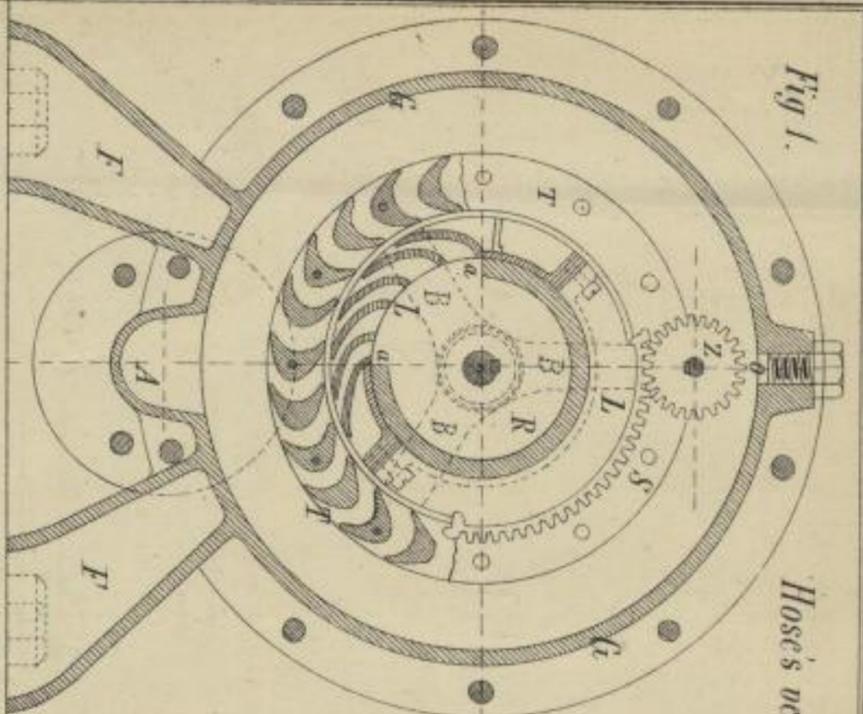


Fig. 1.

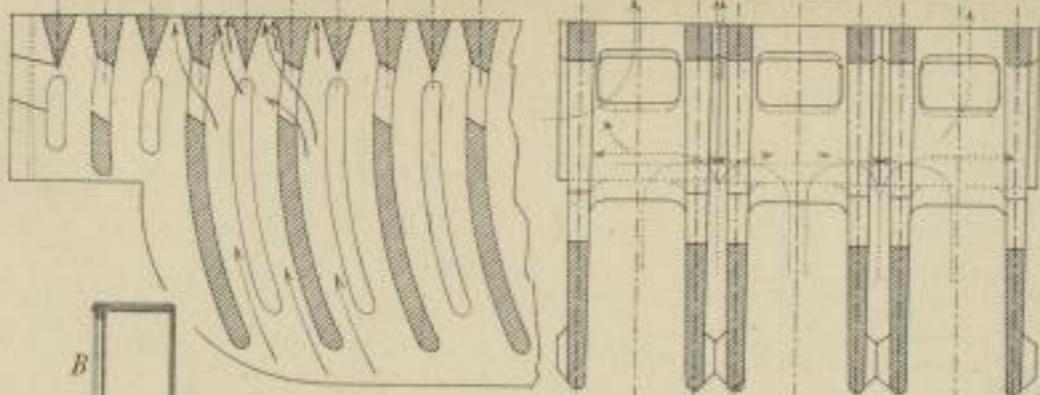


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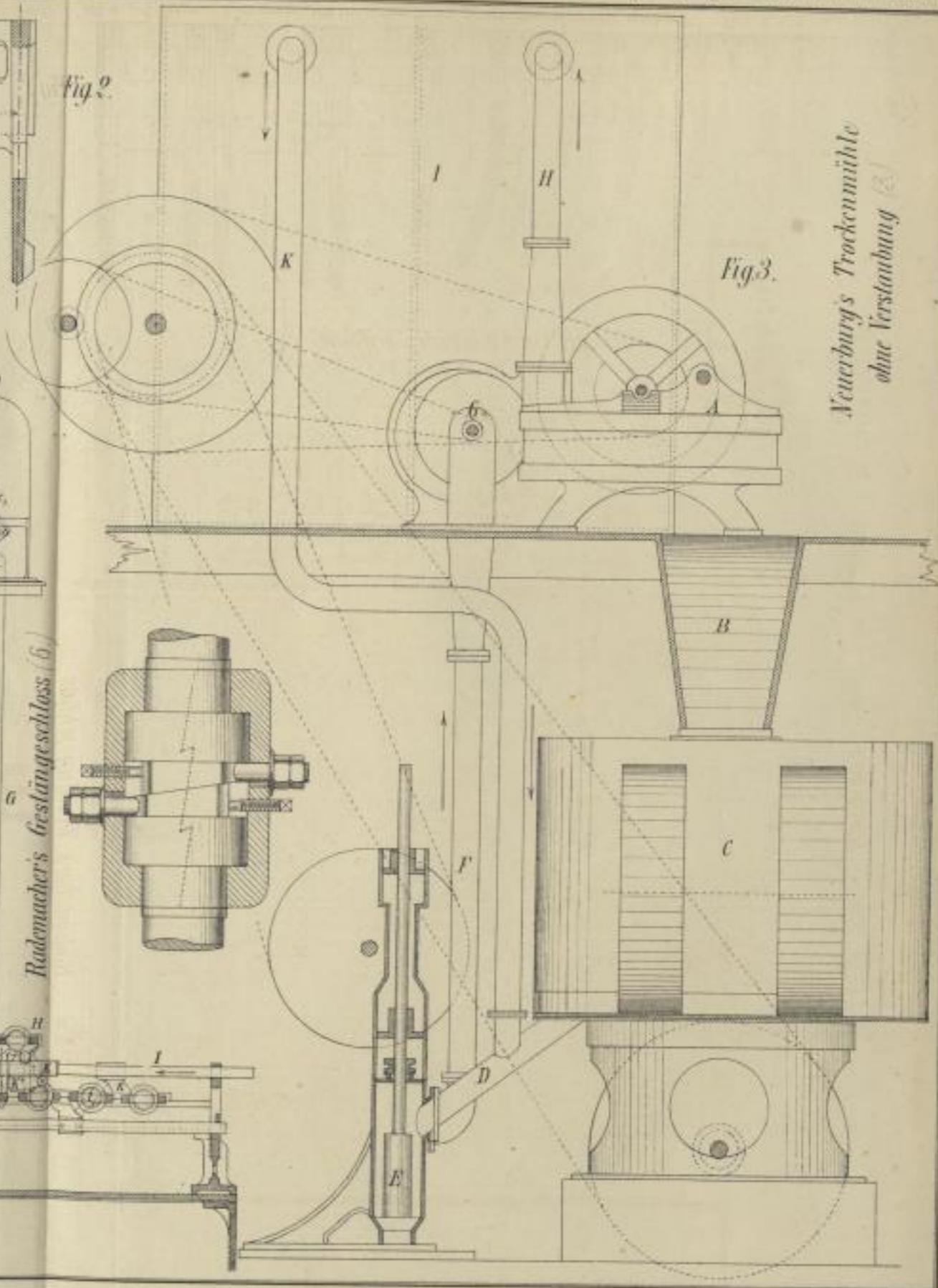
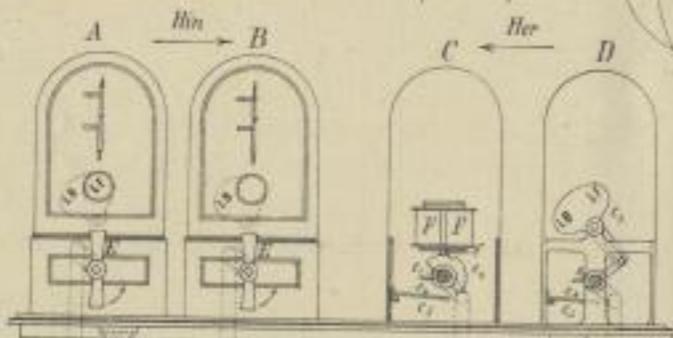


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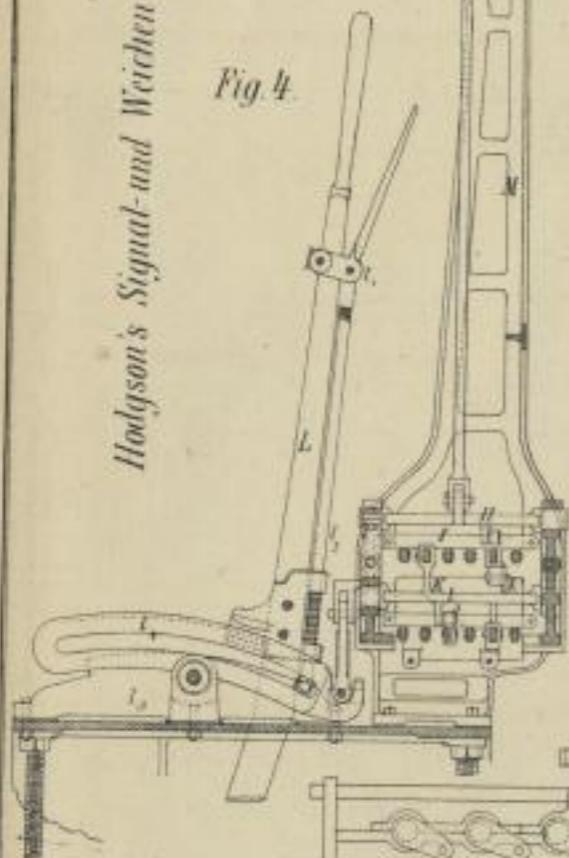
Neuerburg's Trockenmühle ohne Verstaubung (2)

Henzel und Liebich's Schaufelrost (1 u 2.)



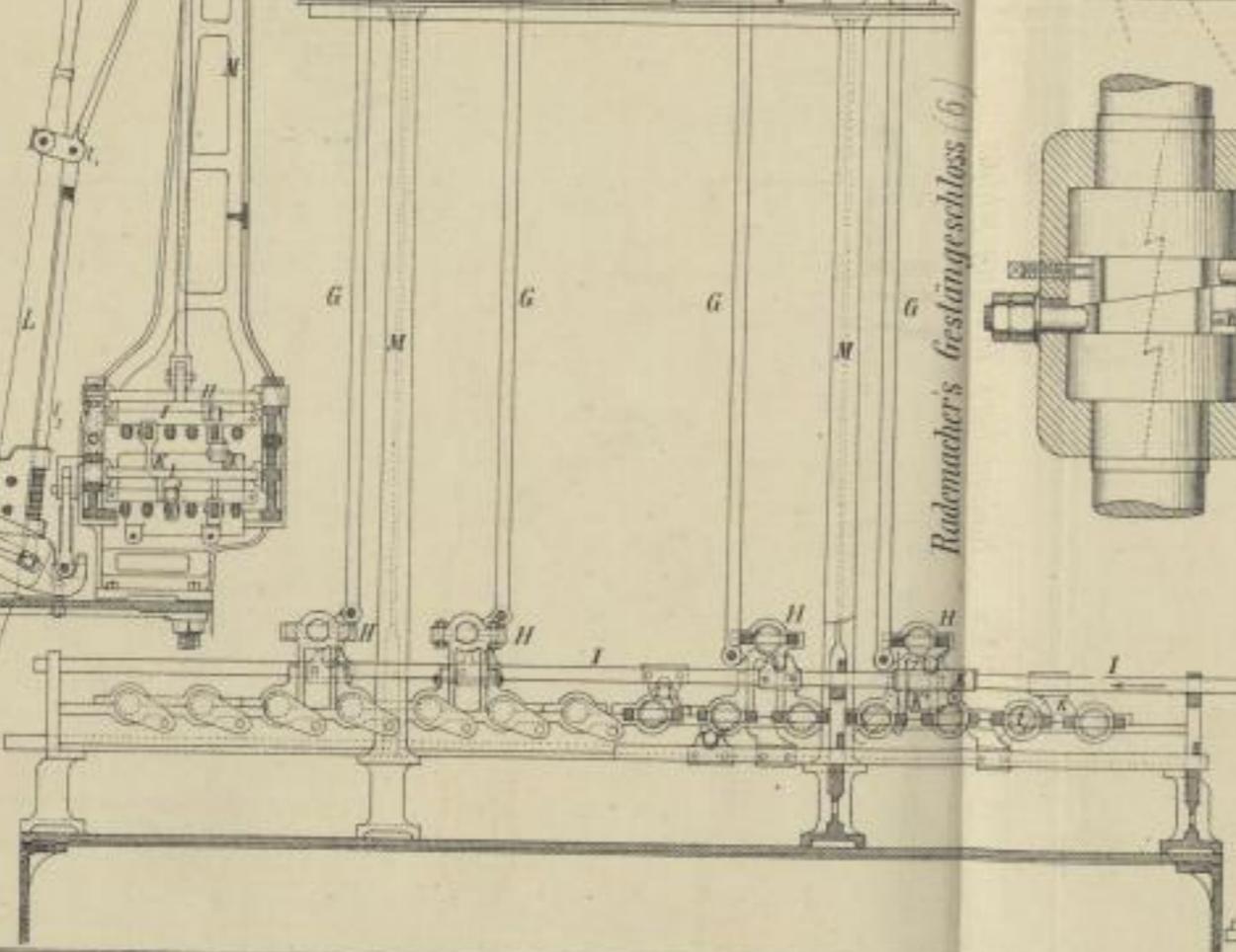
Hodgson's Signal- und Weichen-Verrichtung (4 u 5)

Fig. 4.

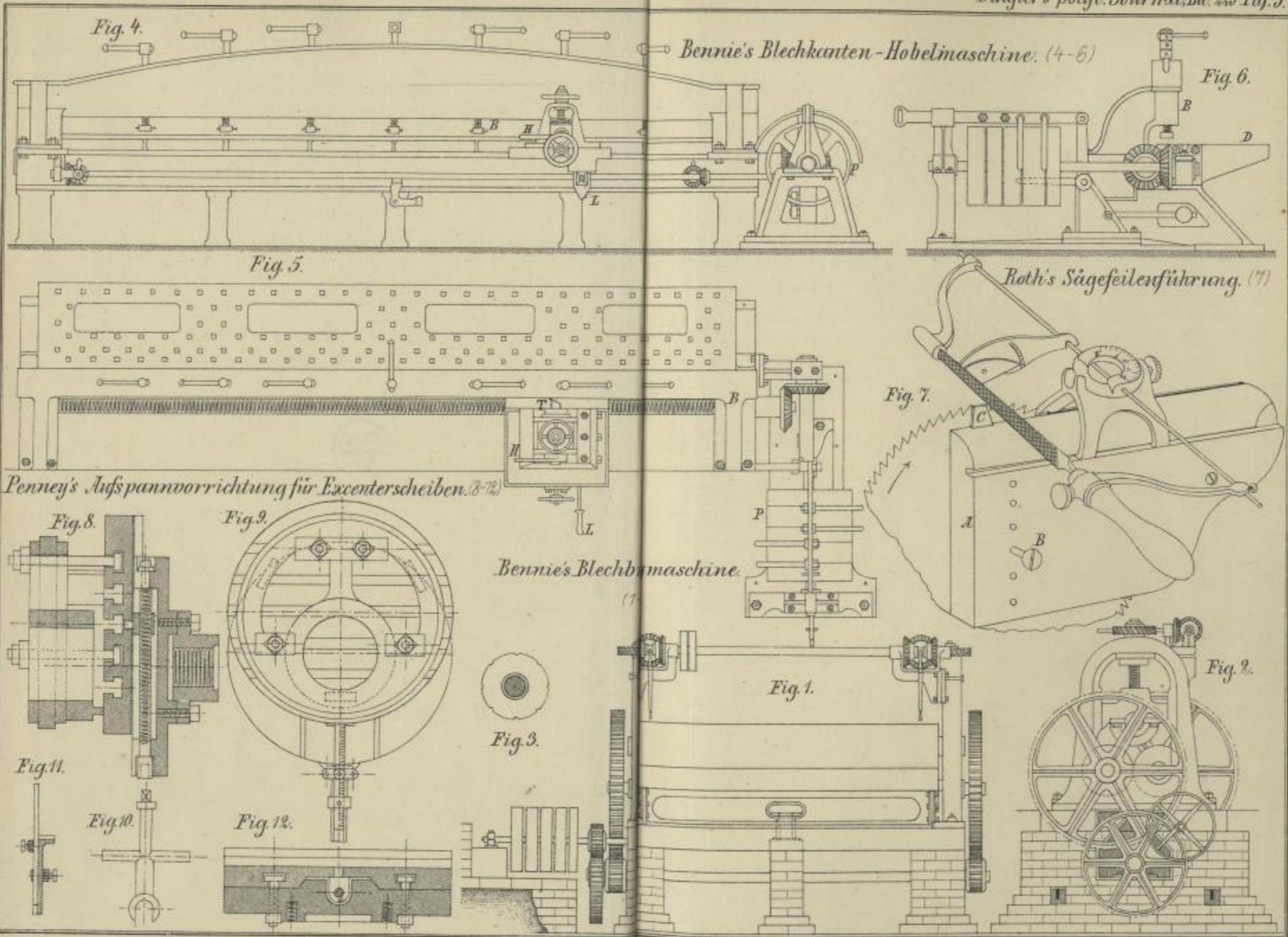


Radmacher's Gestänge-schloss (6)

Fig. 5.









*Cler's Trieur. (4-7)*

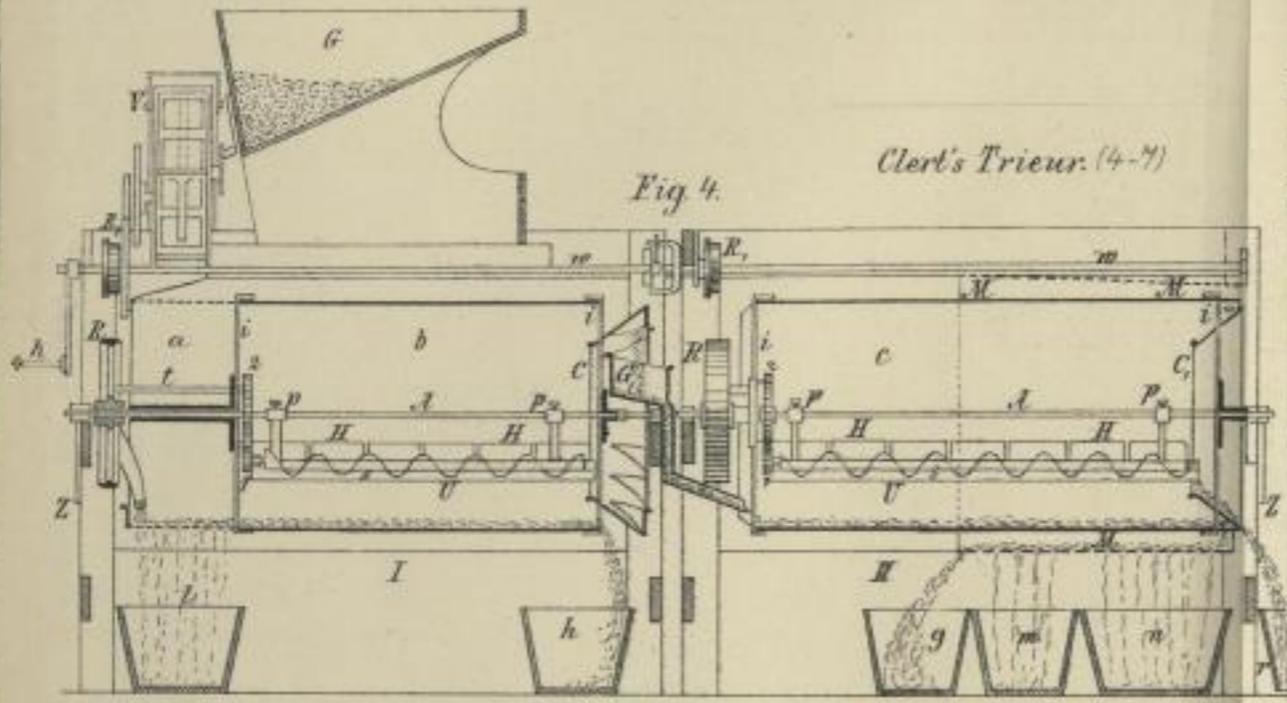


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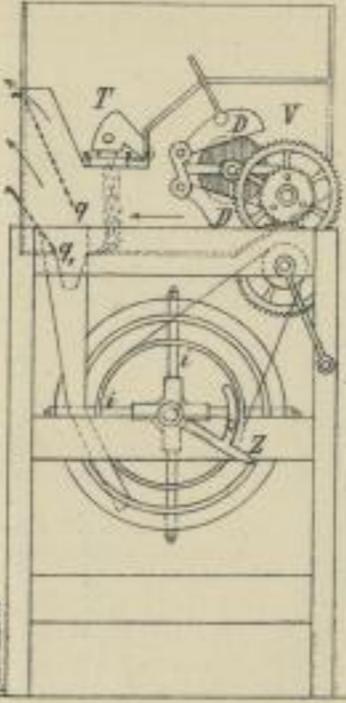


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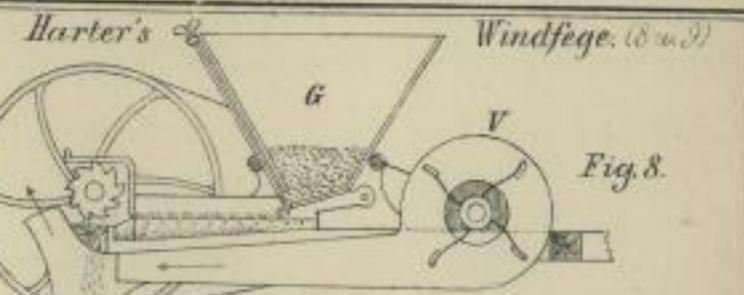


Fig. 8.

Fig. 9.

Fig. 2.

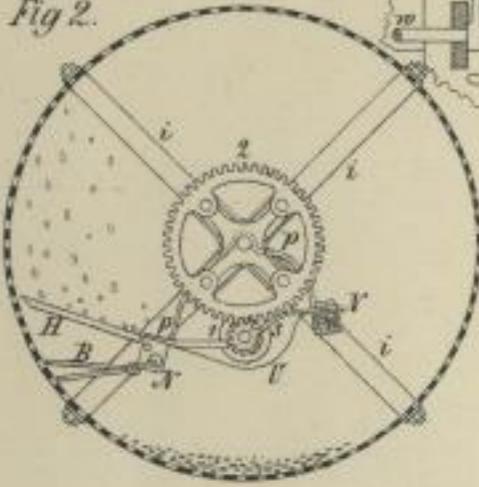


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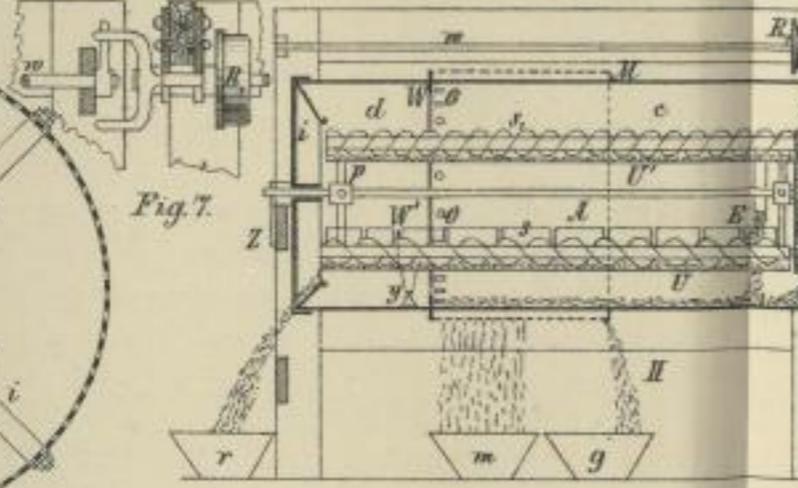


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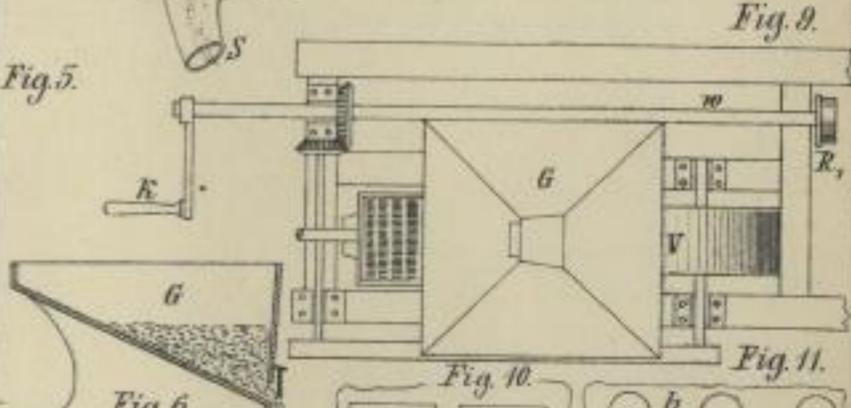


Fig. 10.

Fig. 11.

Fig. 12.

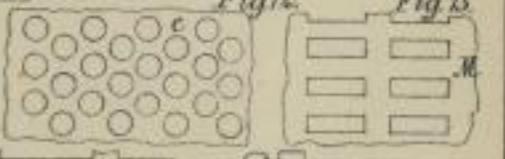


Fig. 13.

Fig. 14.

Fig. 15.

*Pernollet's Sortircylinder. (1-3)*

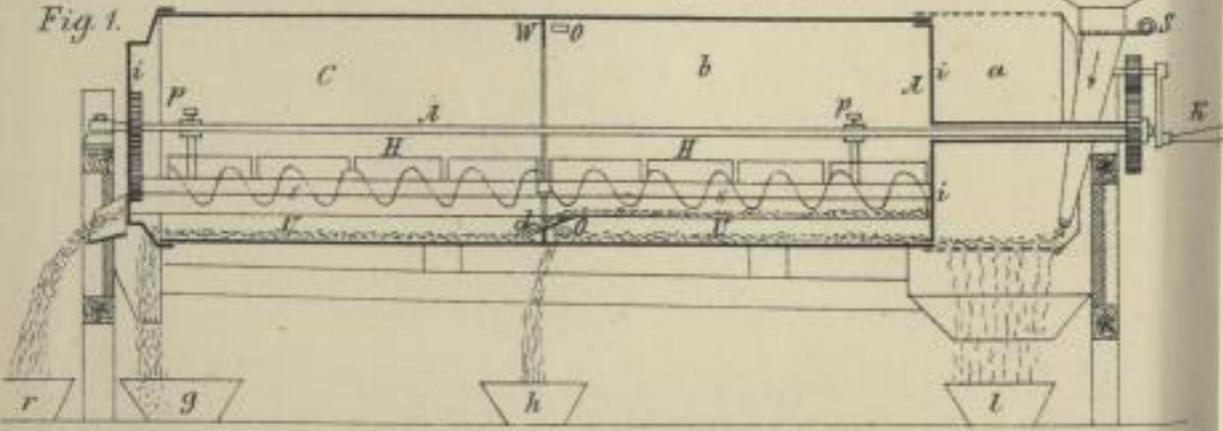
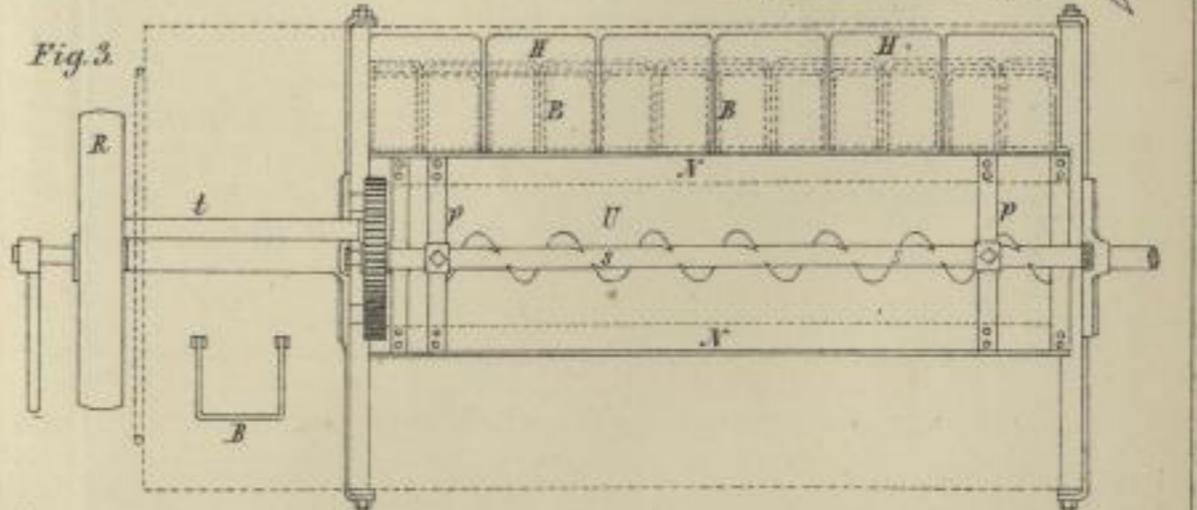


Fig. 1.

Fig. 3.



*Thallmayer: Französische Radenauslesemaschinen.*



J.F Taylor's directwirkende Dampf- und hydraulische Presse. (1-22)

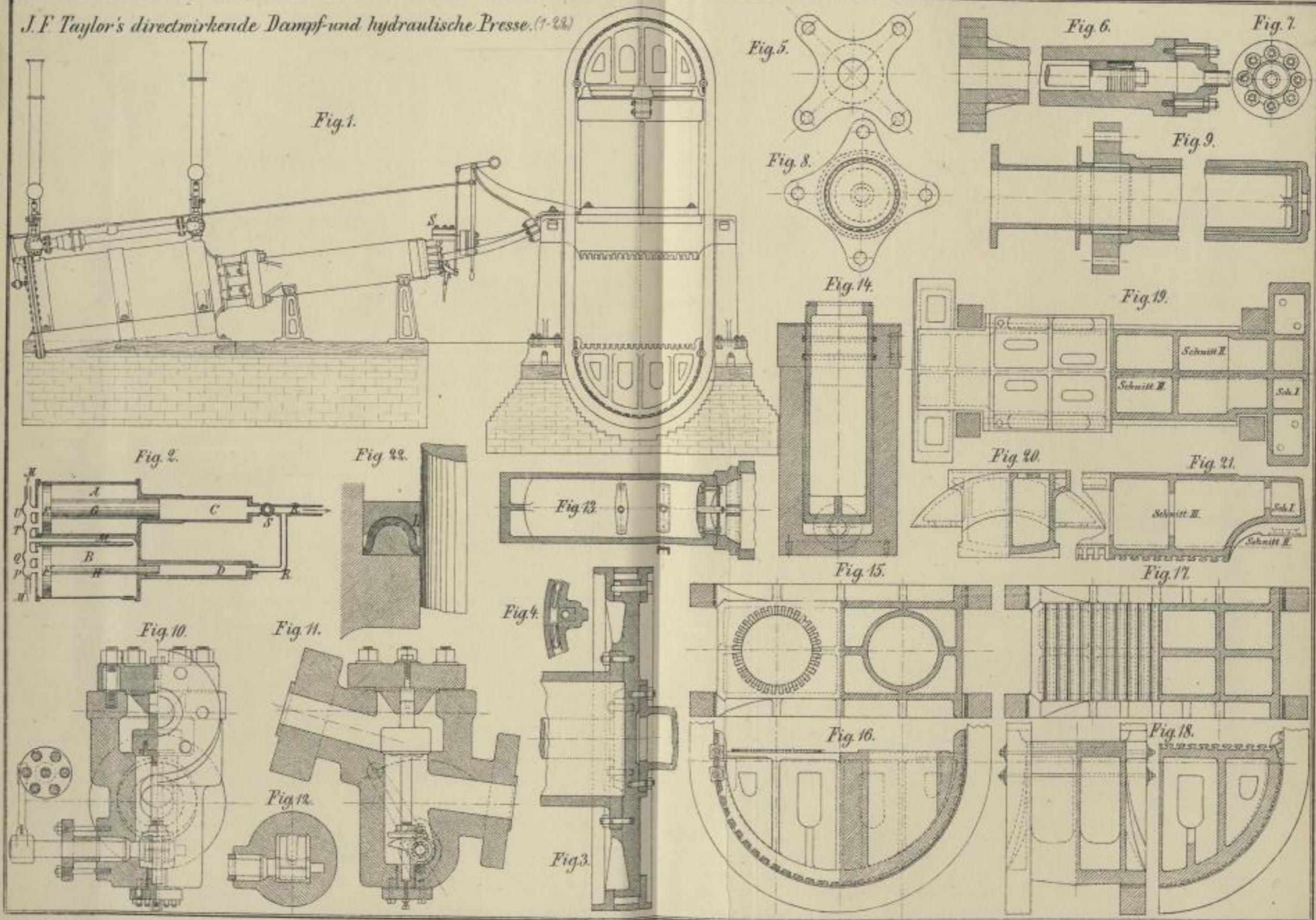
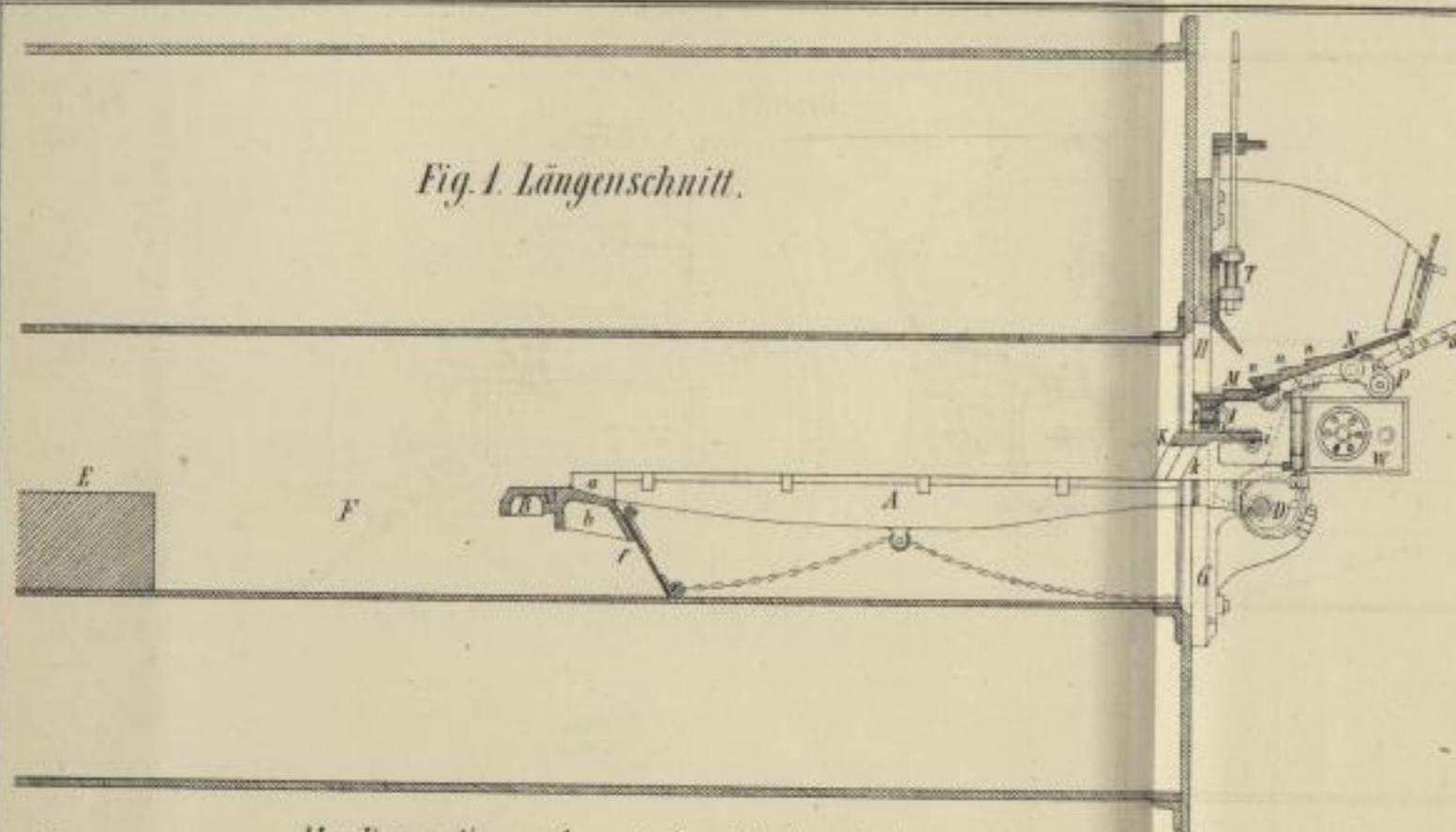


Fig. 1. Längenschnitt.



Mac Dougal's mechanischer Rost. (1-4)

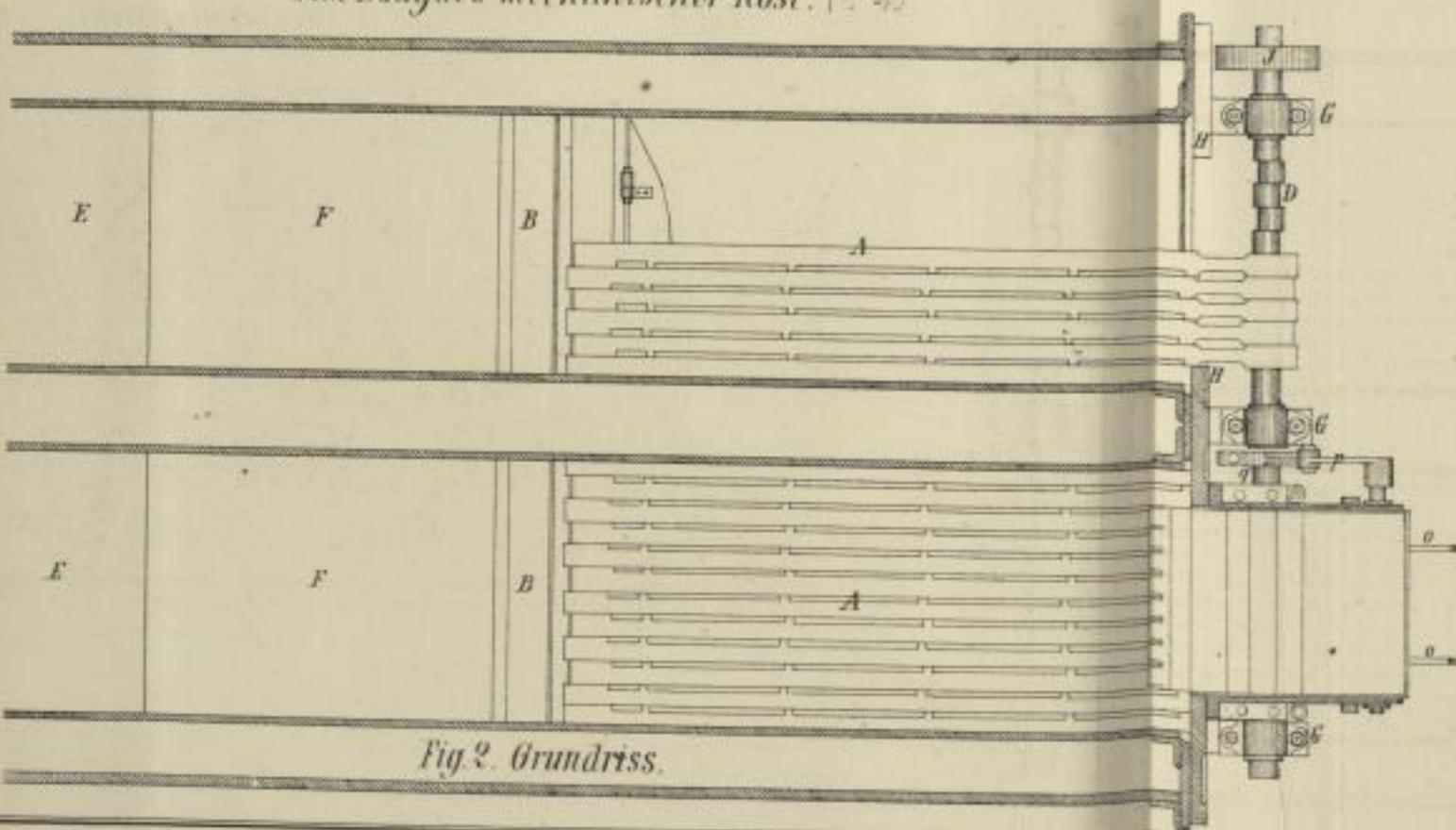


Fig. 2. Grundriss.

Ansicht.

Fig. 3.

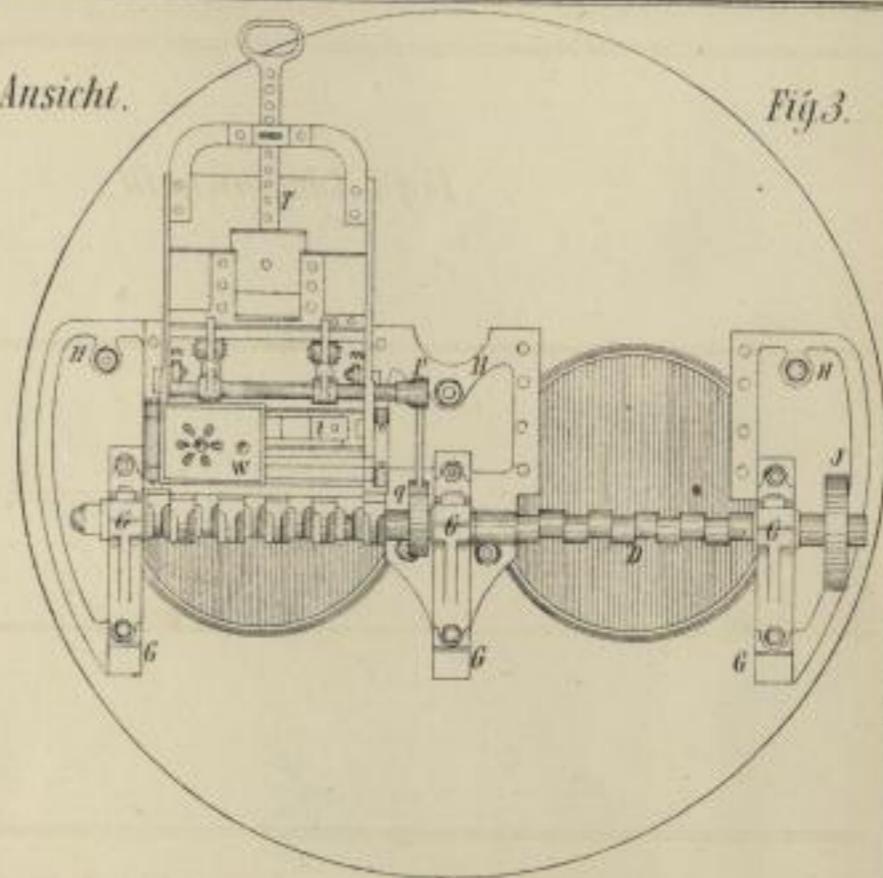
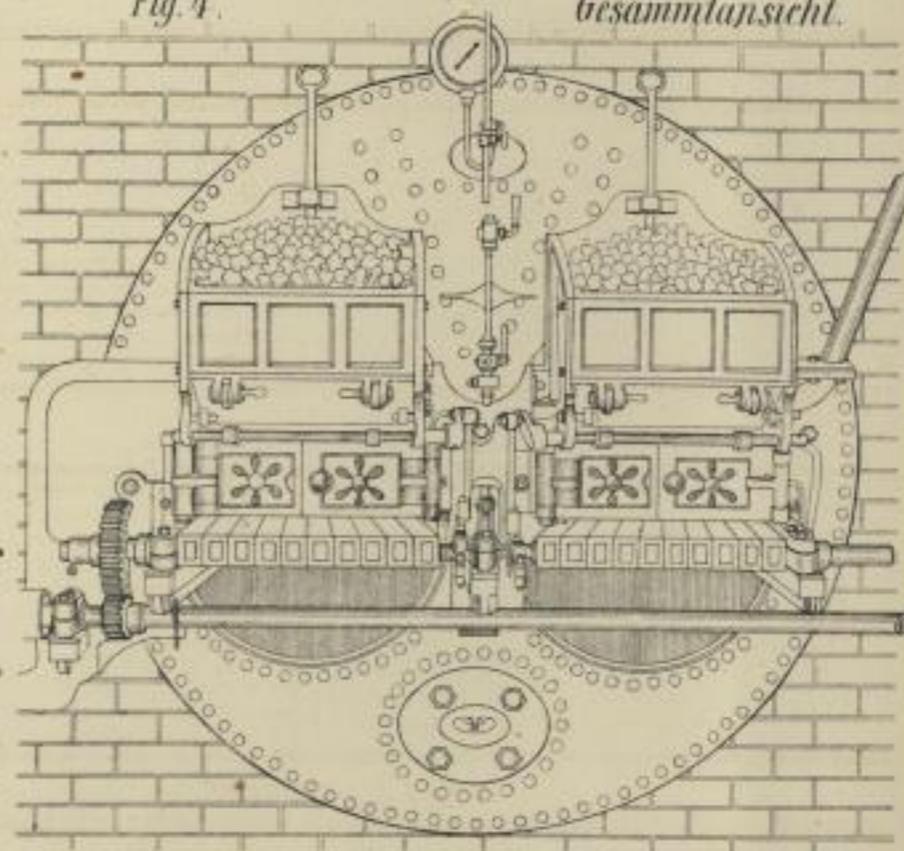
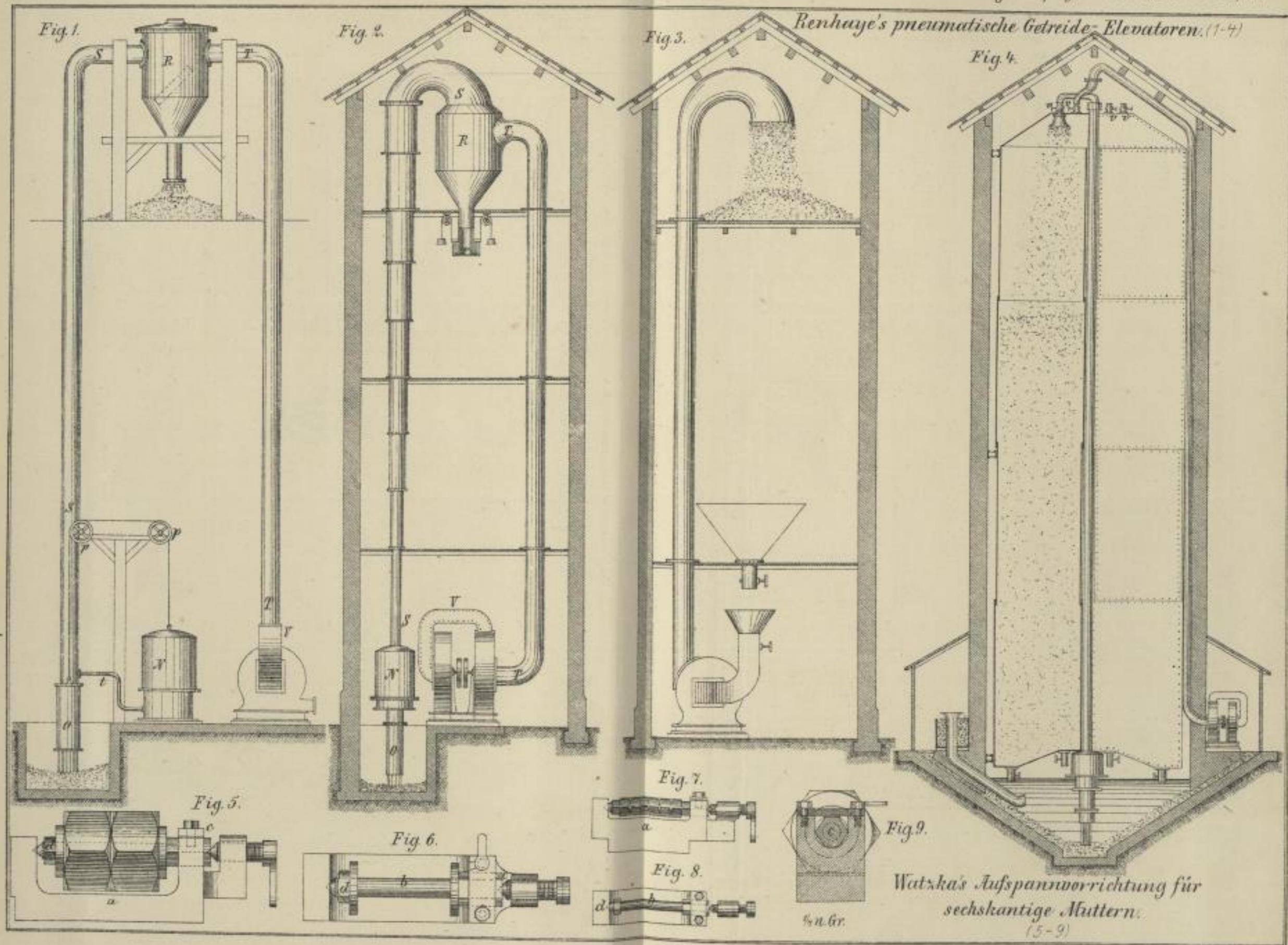


Fig. 4.

Gesamtansicht.





Flürscheim's combinirte Hobel- und Stoßmaschine: (4-10)

Fig. 4.

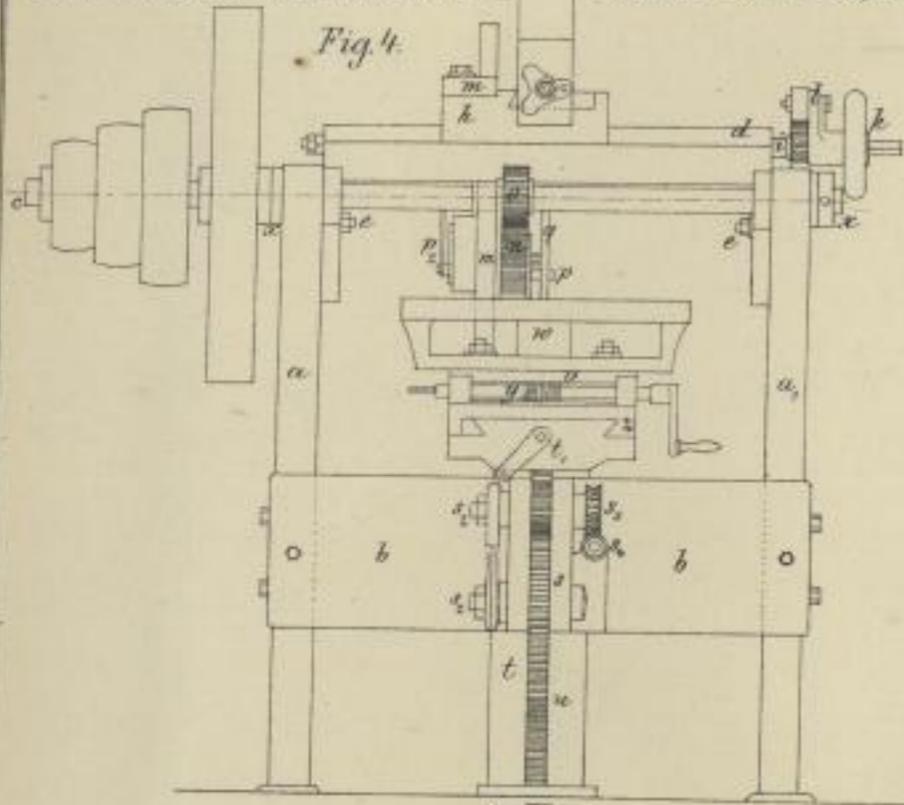


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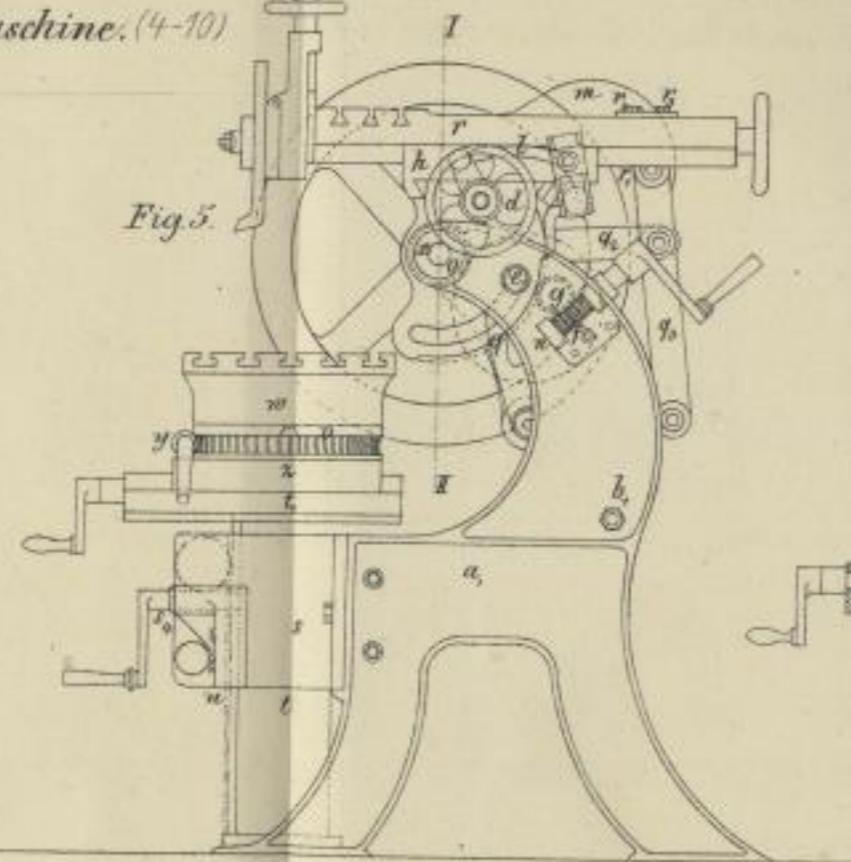


Fig. 6.

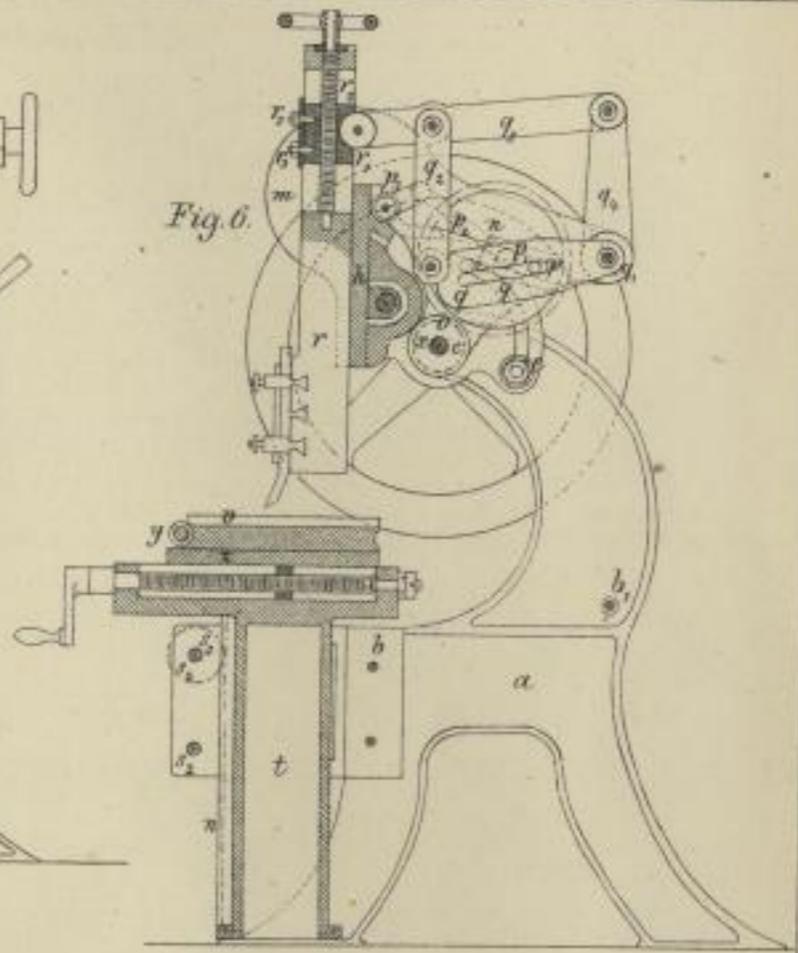


Fig. 7.

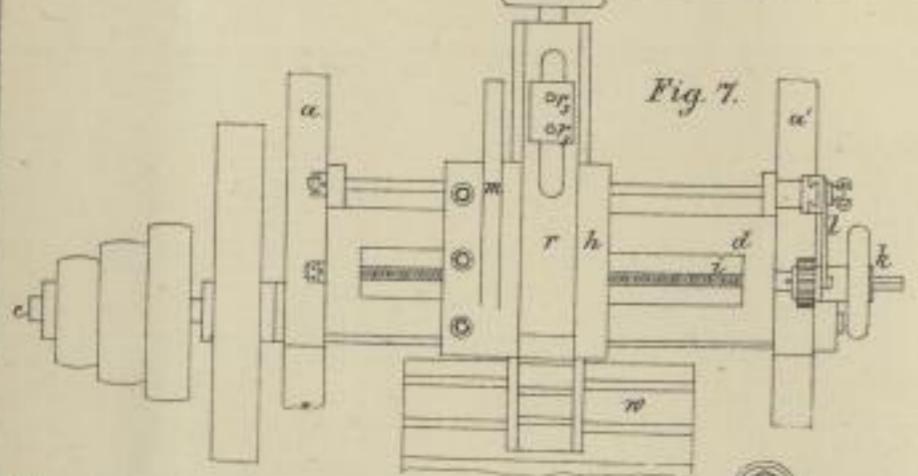


Fig. 8. Schnitt I-II.

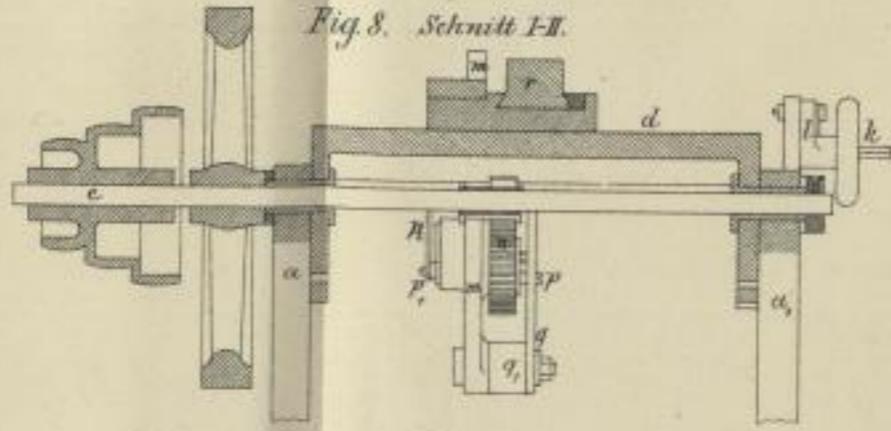


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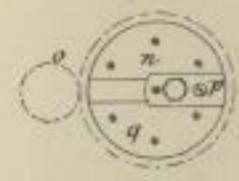
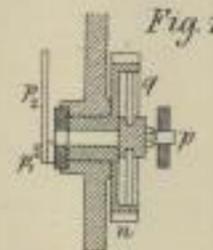


Fig. 10.



Watzke's Apparat zum Ausfräsen v. Lagerschalen.

Fig. 1.

(1-3)

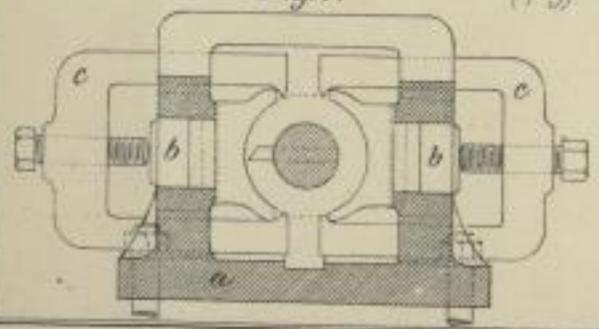


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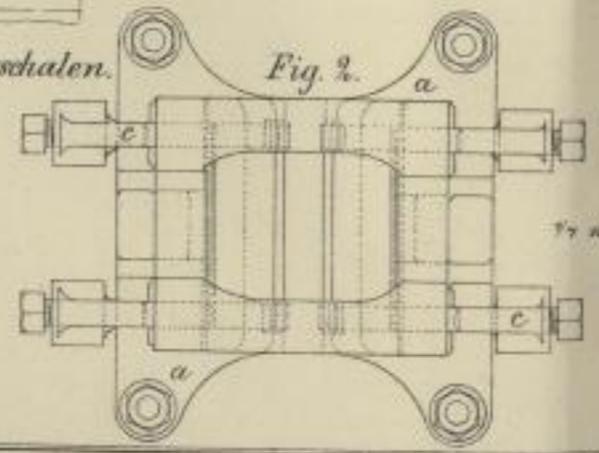
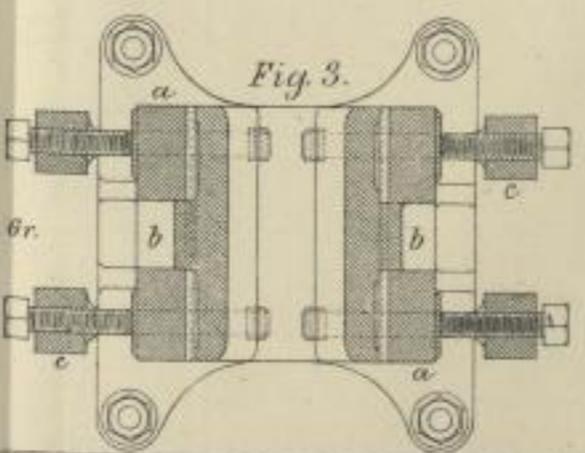
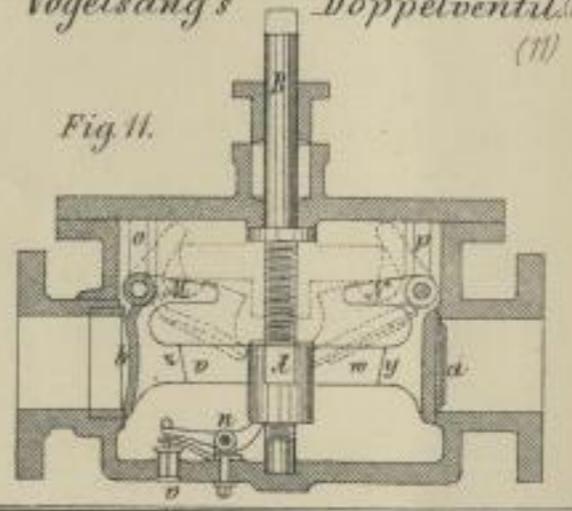


Fig. 3.



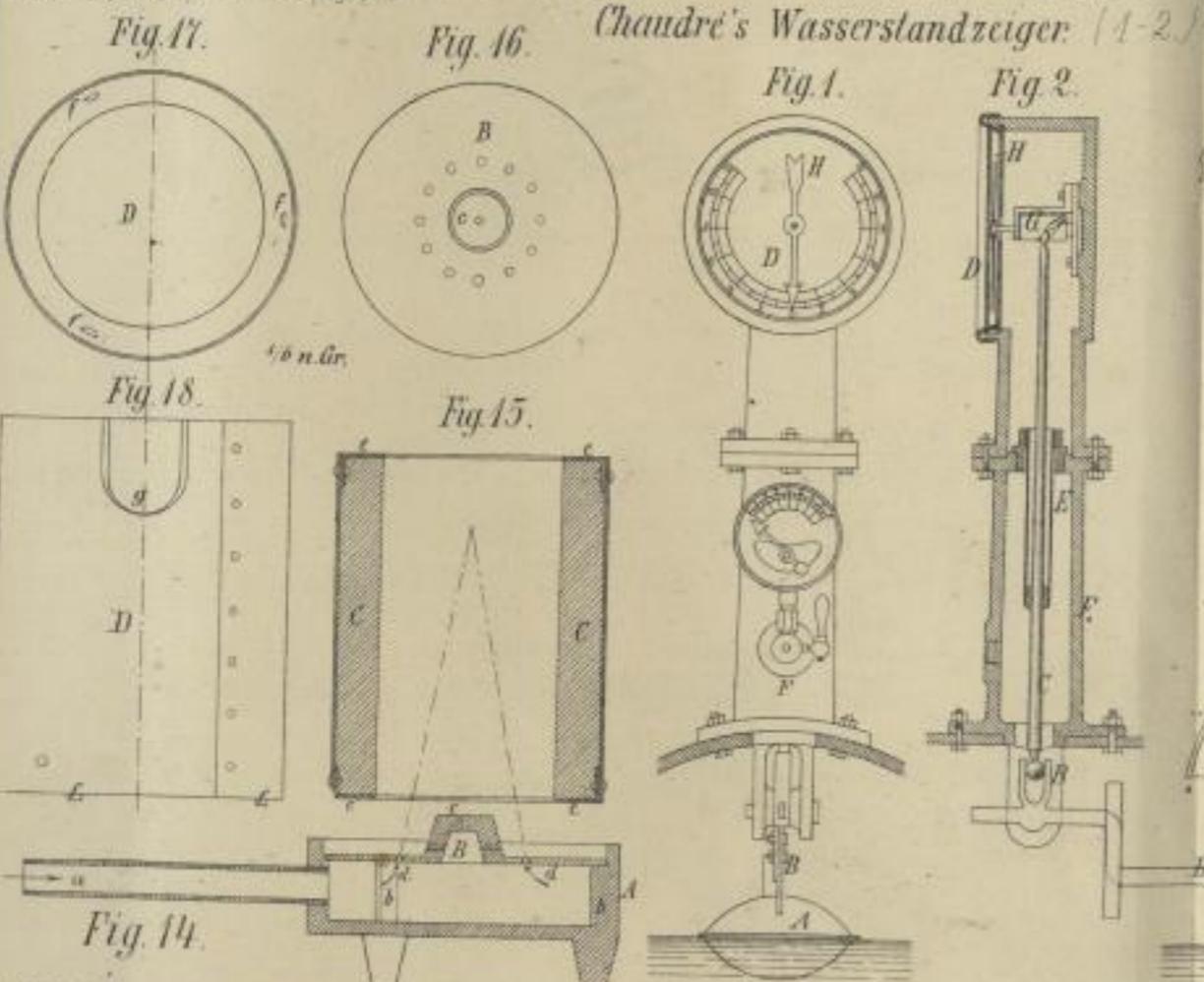
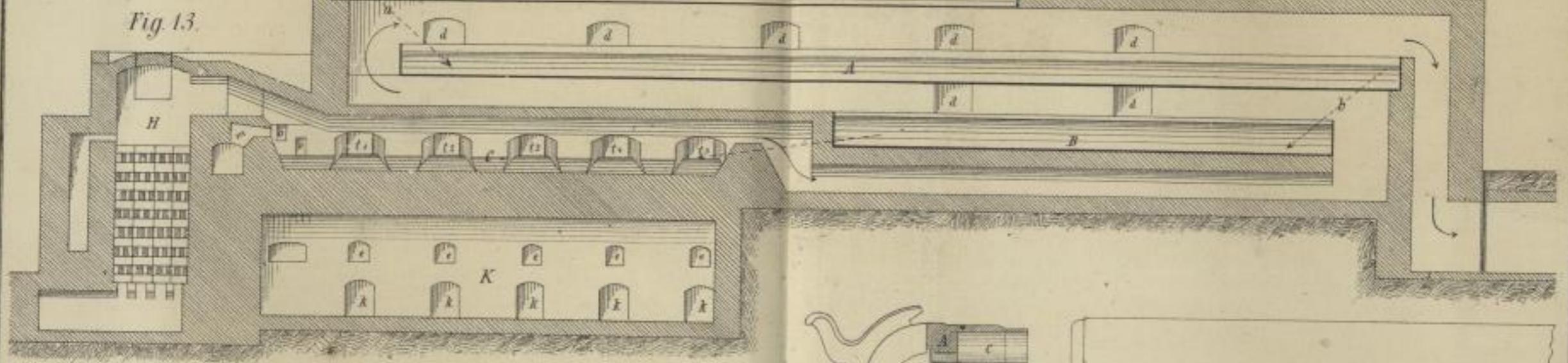
Vogelsang's Doppelventil (11)

Fig. 11.

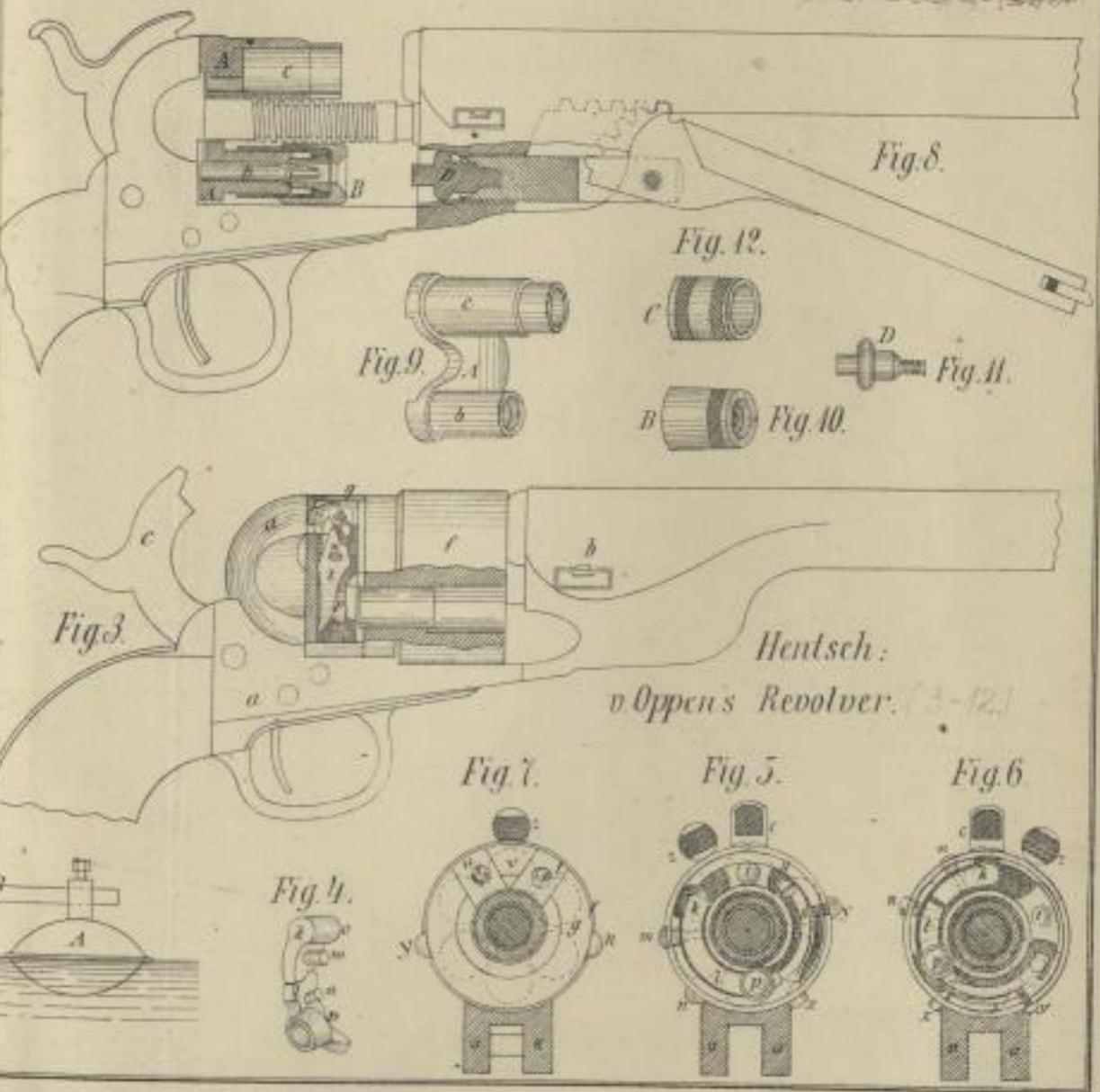


Friedrich Siemens'

Abdampf- und Calcinirofen. (13.)



Welch's verbesserter Deville-Gebläseofen. (14-18.)



Hentsch:  
v. Oppen's Revolver. (3-12.)

Hughes' und Edison's Telephon.

Mikrophon und Wärmemesser (Thermosäule). (14-20)

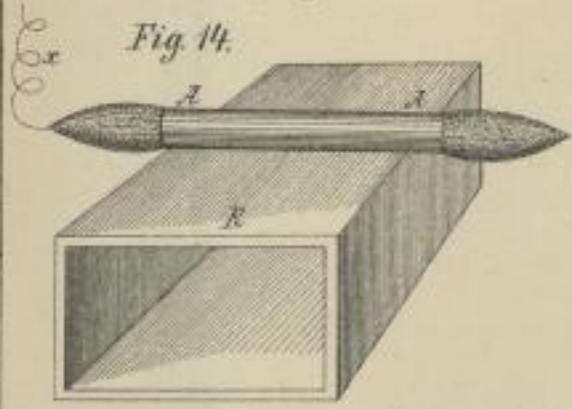


Fig. 14.

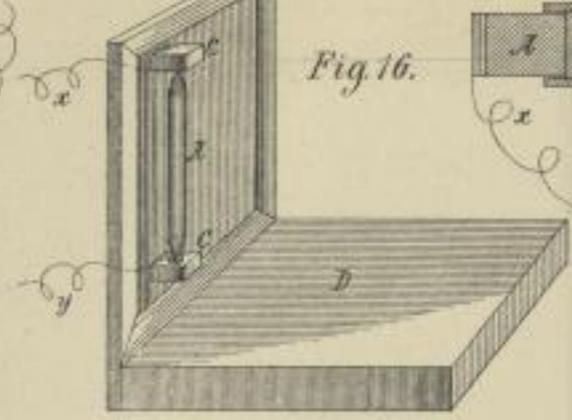


Fig. 15.

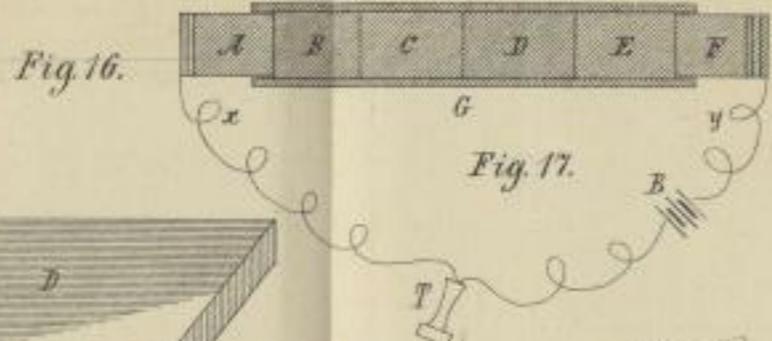


Fig. 16.

Fig. 17.

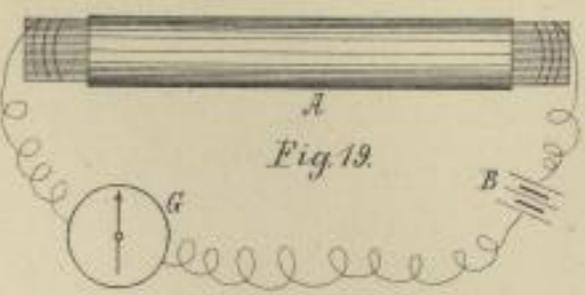


Fig. 19.

Fig. 18.

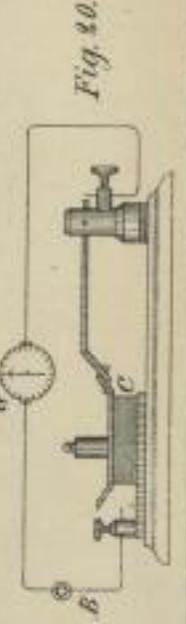


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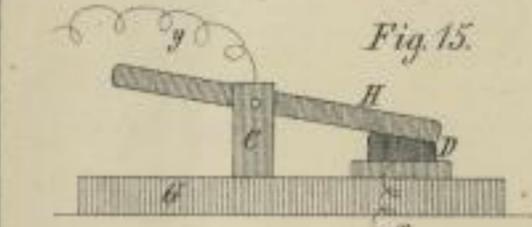


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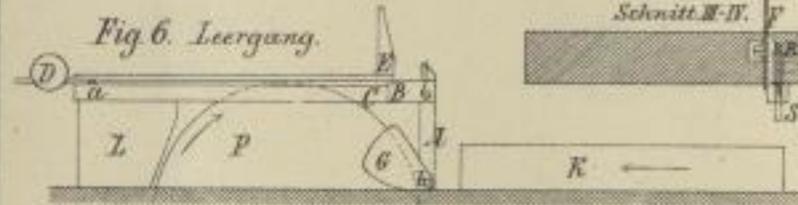
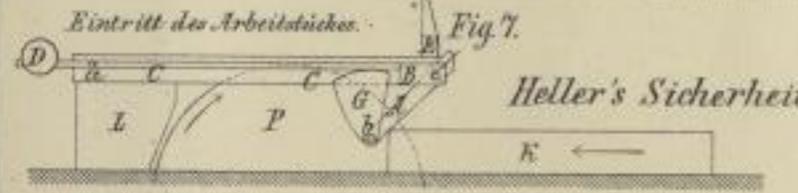
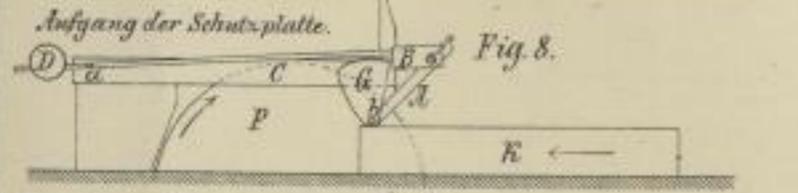


Fig. 6. Leergang.



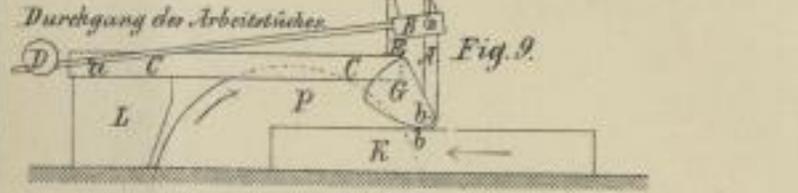
Eintritt des Arbeitstückes.

Fig. 7.



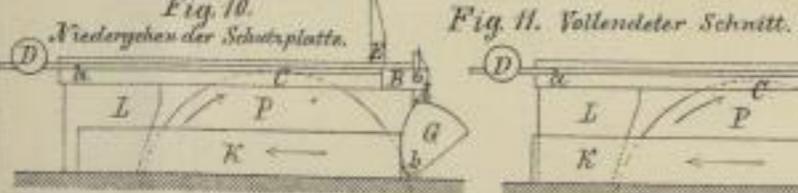
Aufgang der Schutzplatte.

Fig. 8.



Durchgang des Arbeitstückes.

Fig. 9.



Niedergehen der Schutzplatte.

Fig. 10.

Fig. 11. Vollendeter Schnitt.

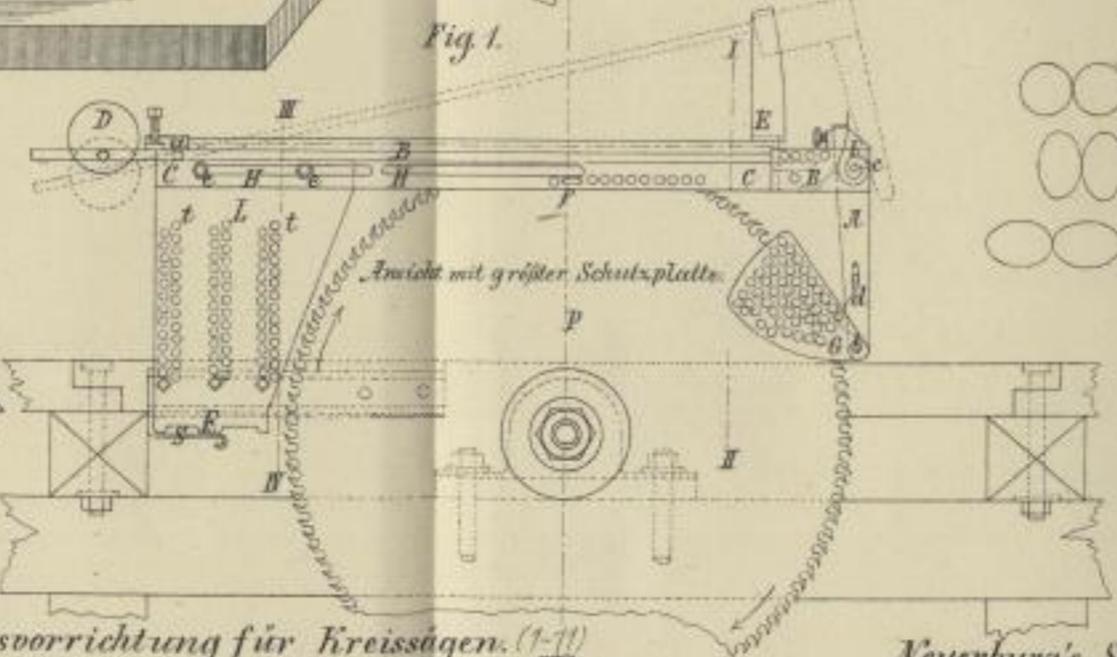
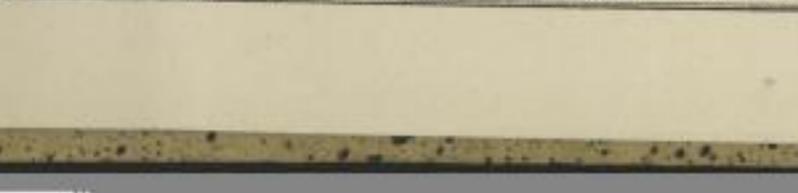


Fig. 1.

Ansicht mit größter Schutzplatte.

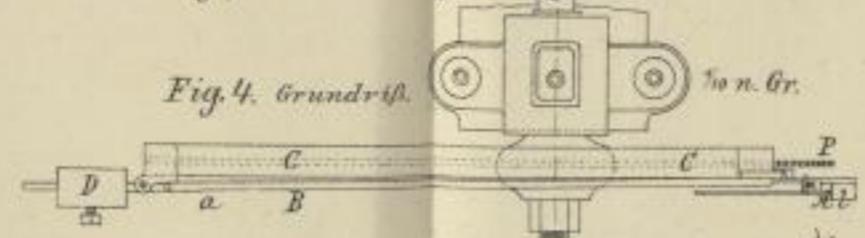


Fig. 4. Grundriß.

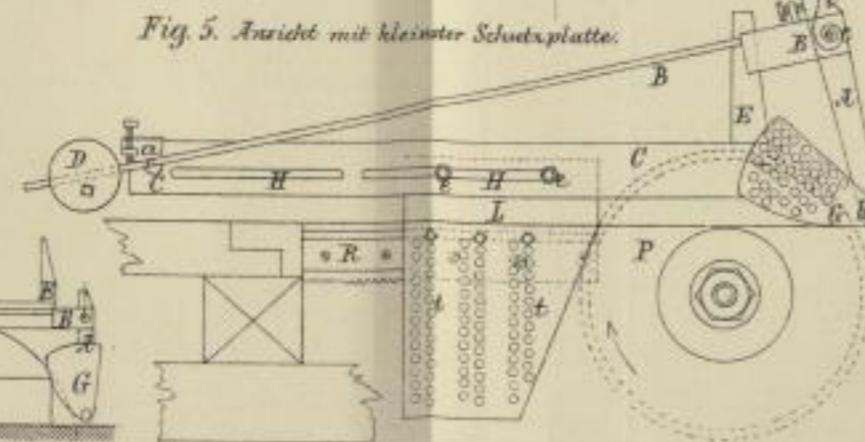


Fig. 5. Ansicht mit kleinster Schutzplatte.

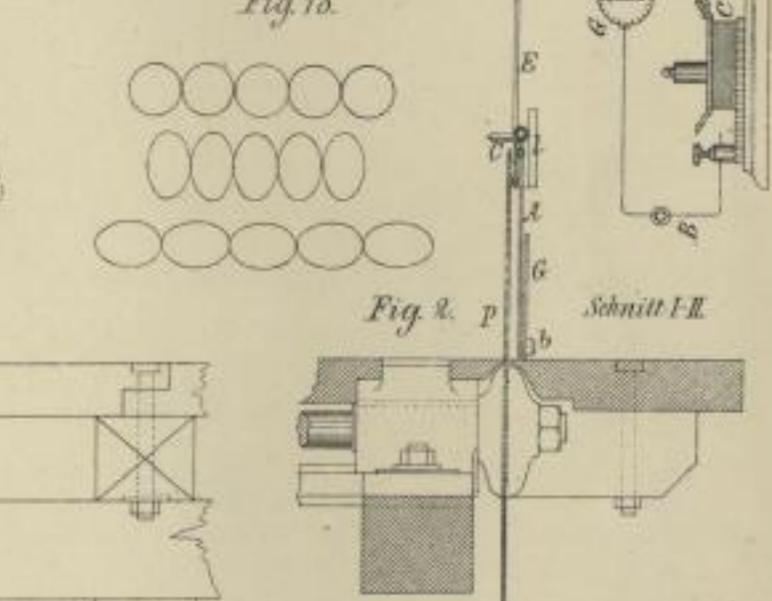


Fig. 2.

Schnitt I-II.

Neuerburg's Seilklemmvorrichtung. (12 u. 13)

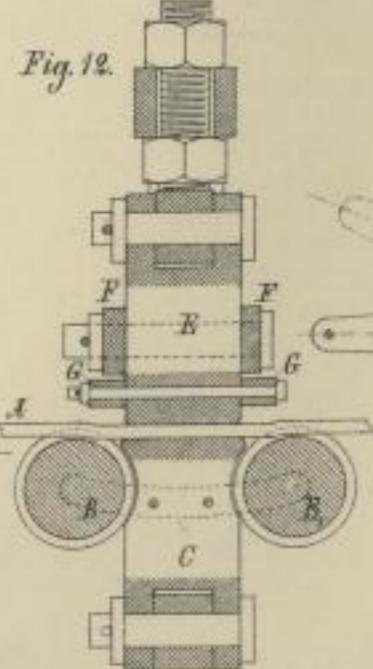


Fig. 12.

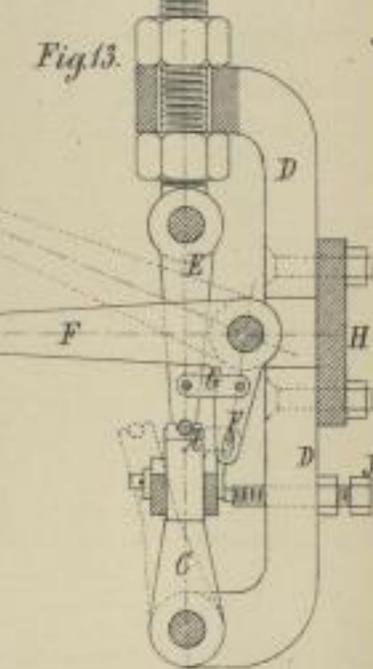
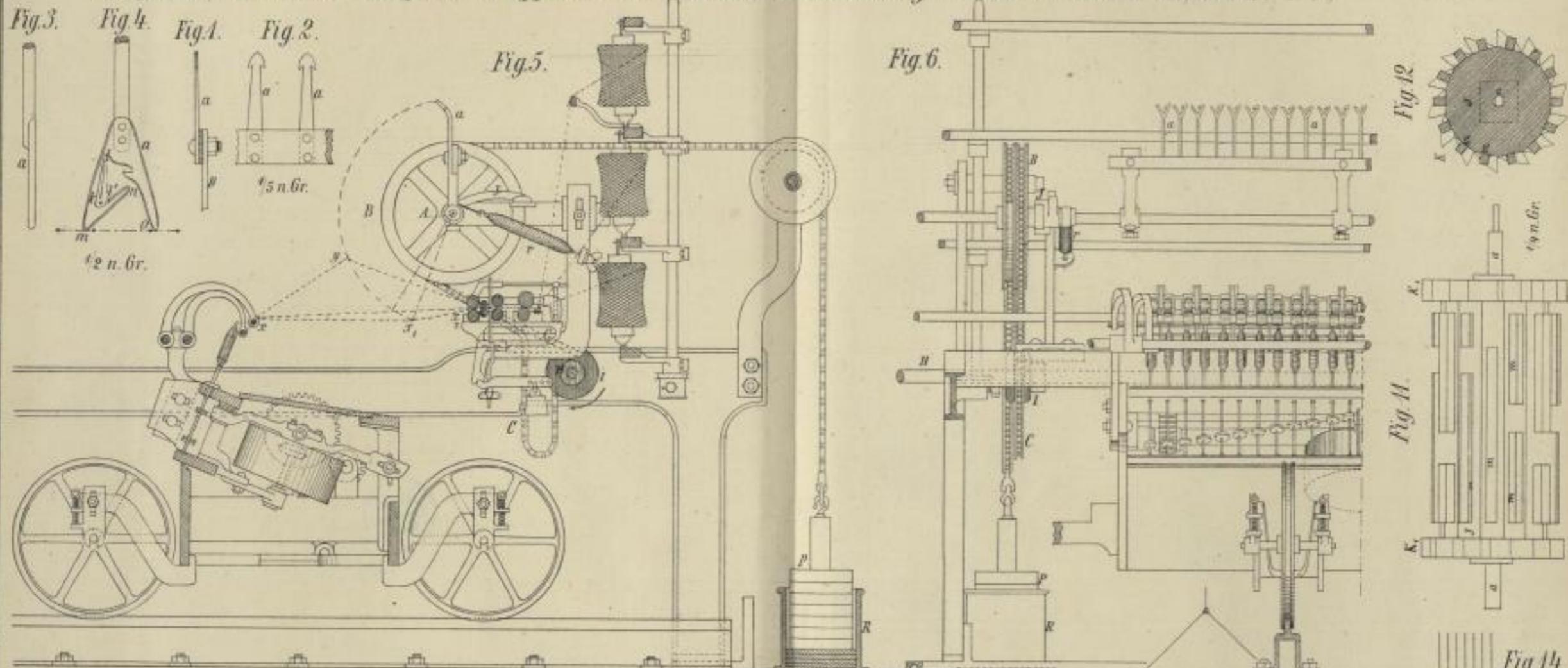


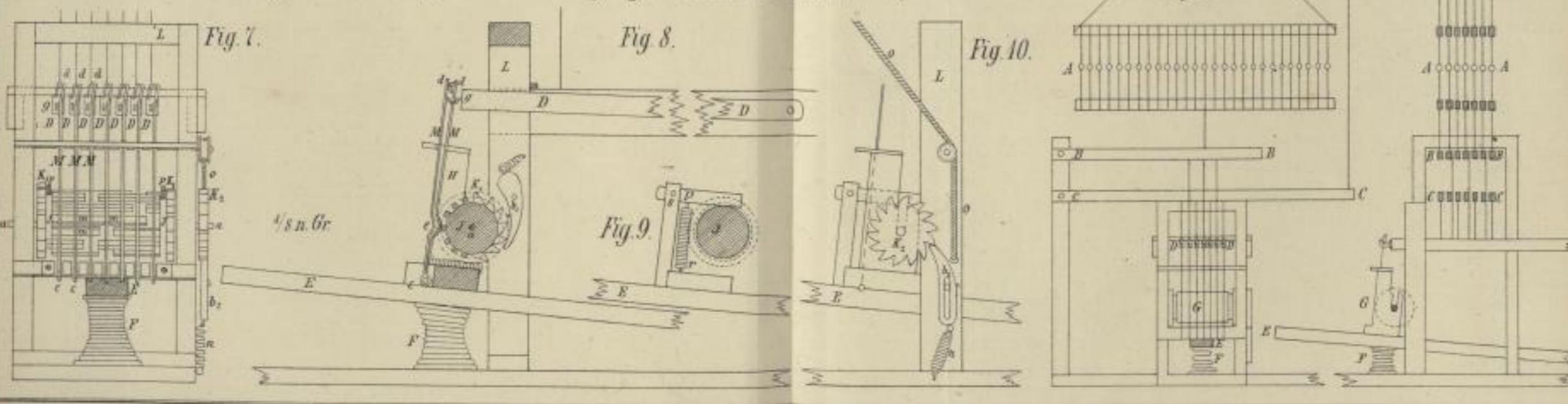
Fig. 13.



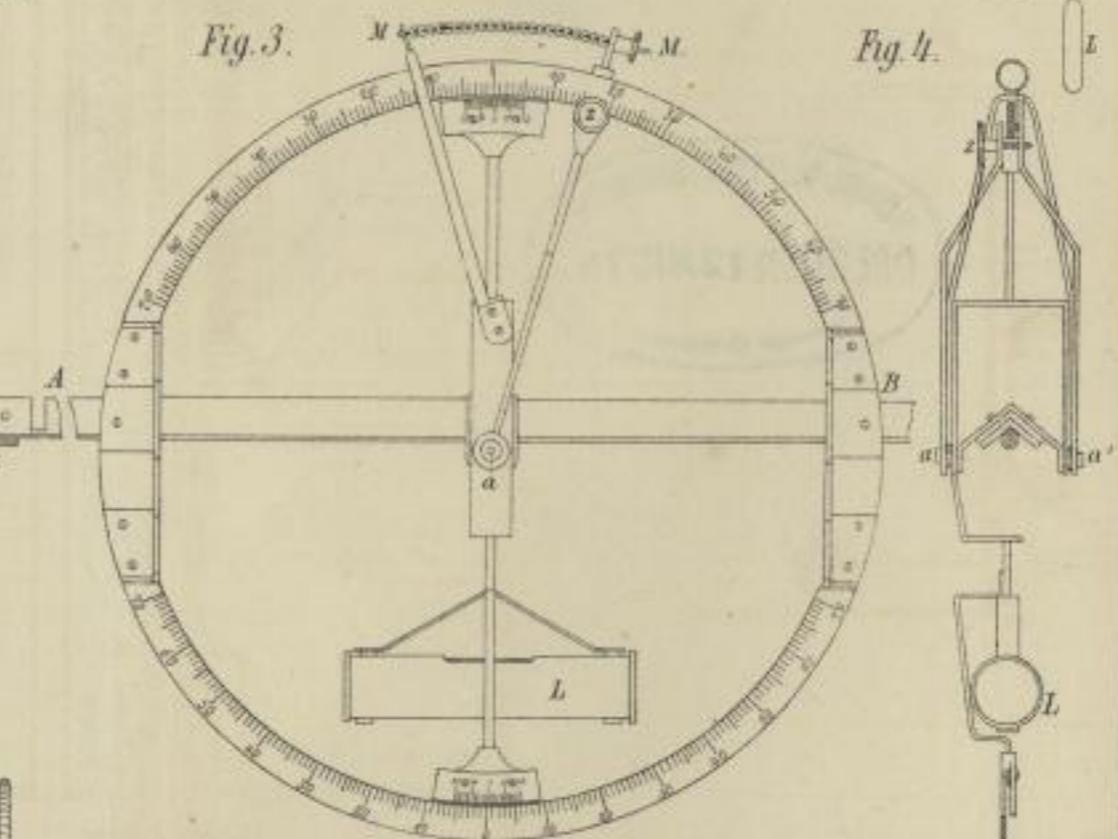
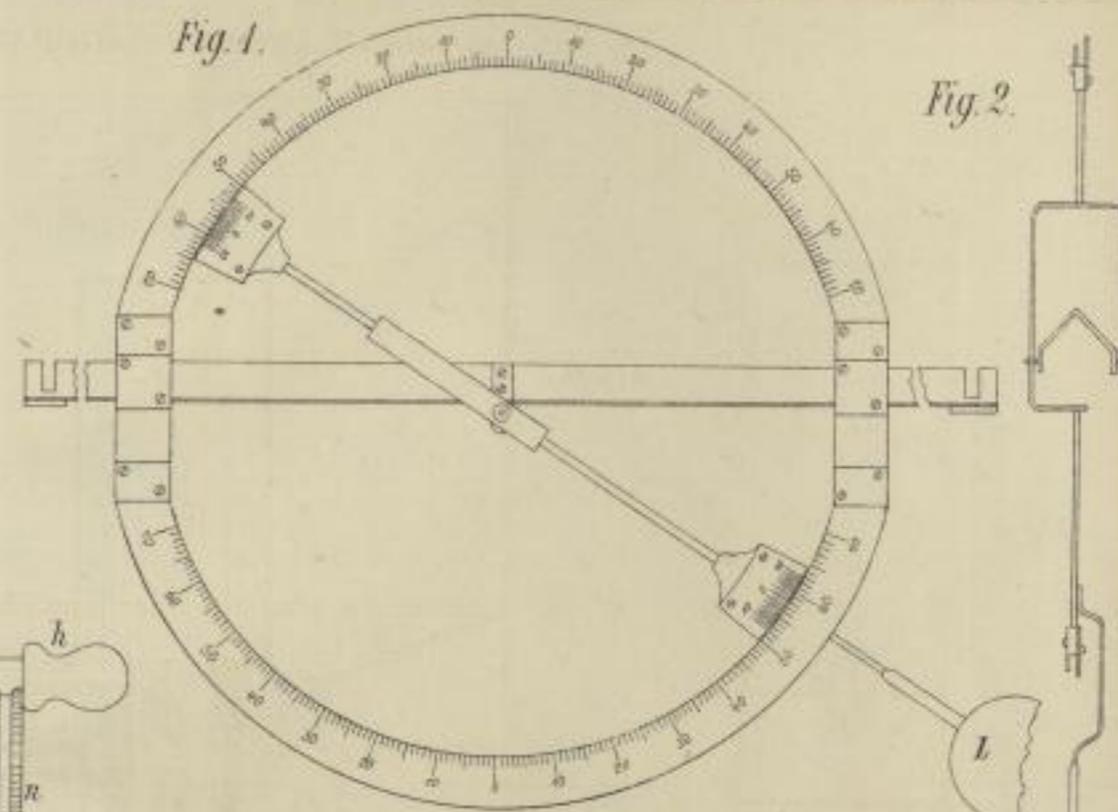
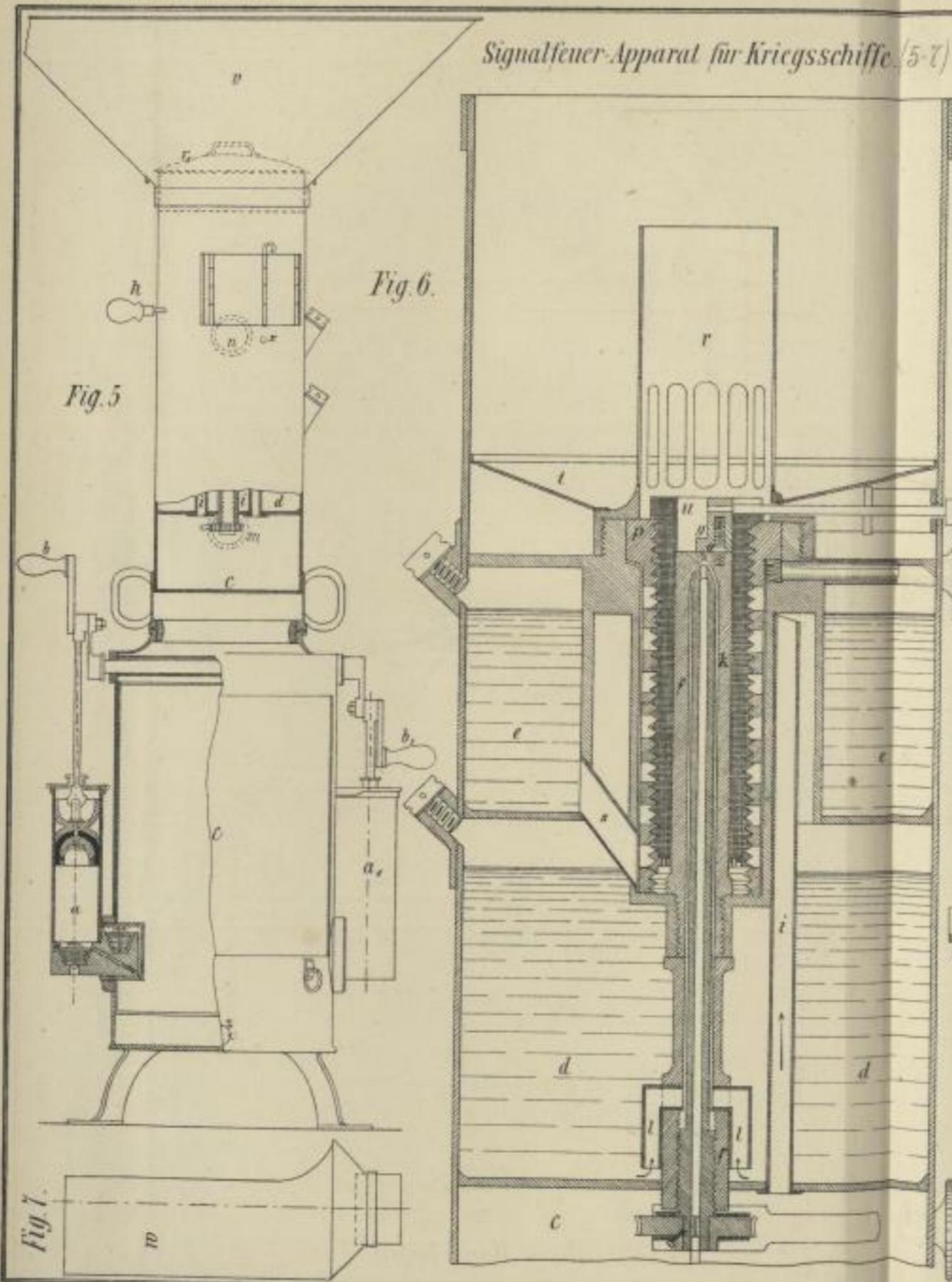
Dauphinot, Martin und Desquilbet's Apparat zum Abreißen zusammengelaufener Fäden bei Selfactors (1-5)



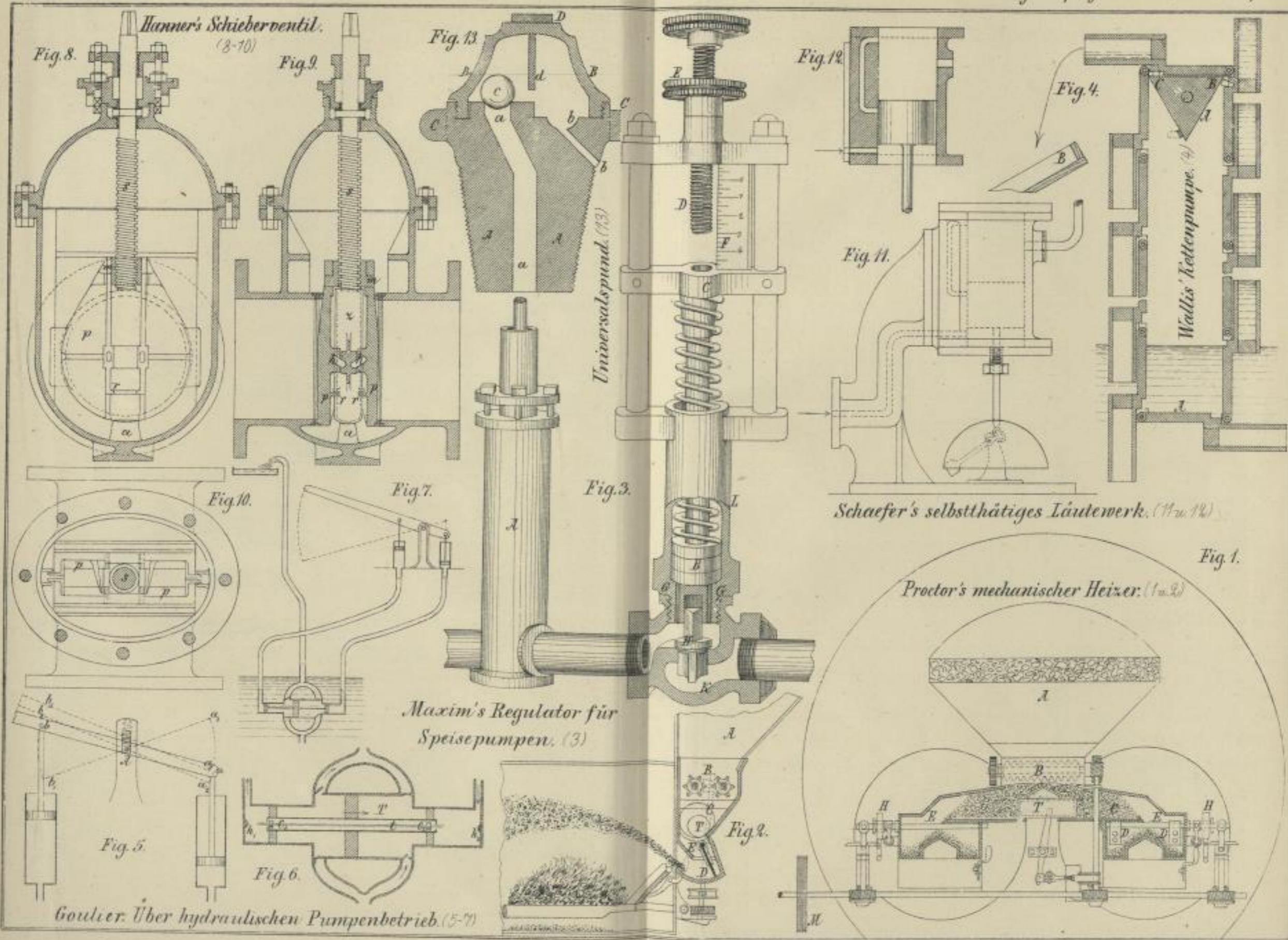
Dombrowsky's Vereinfachung der Trittbewegung am Handwebstuhl. (7-14)



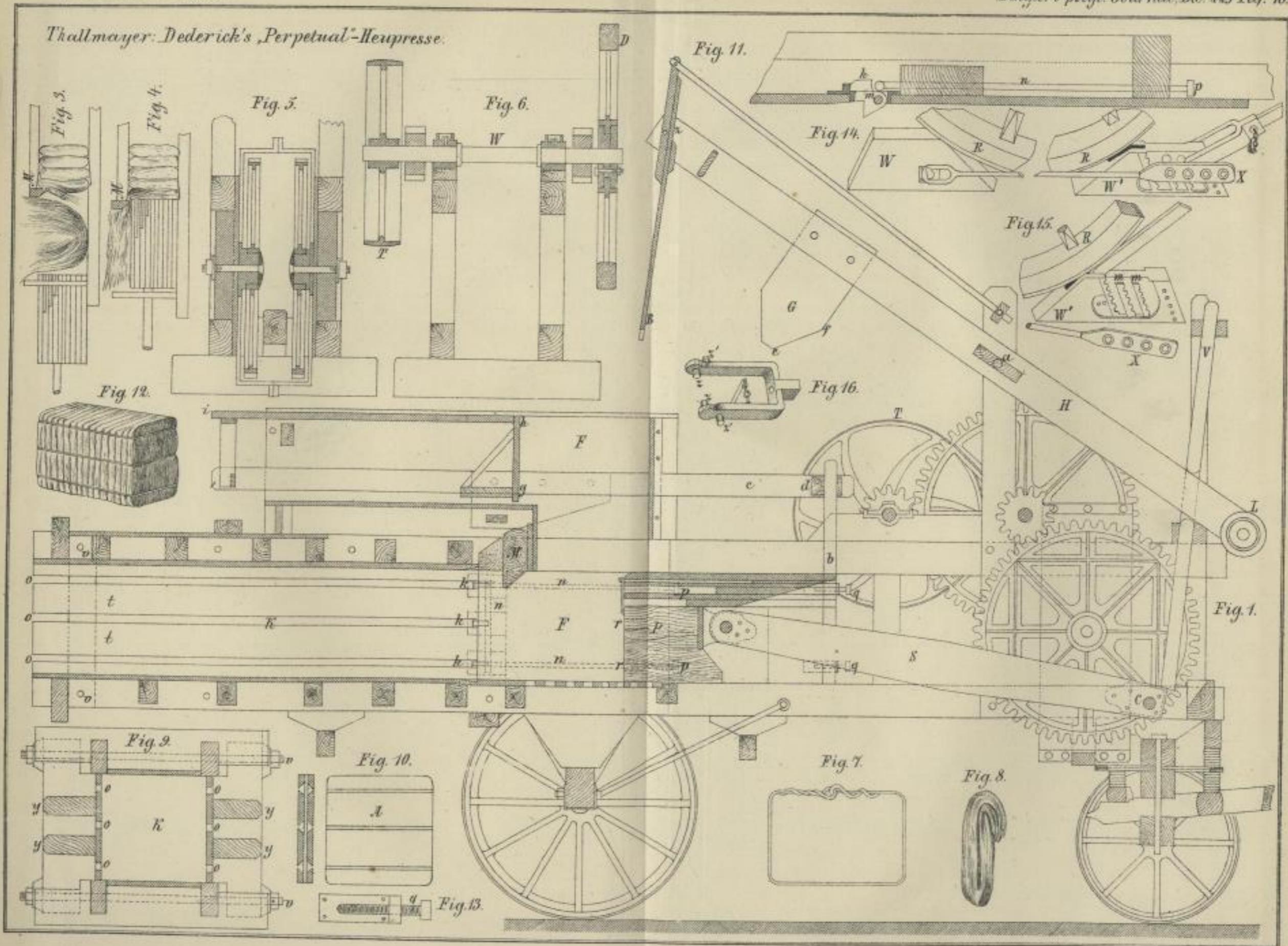
Signalfeuer-Apparat für Kriegsschiffe. (5-7)



E. Schneider's Hängebögen. (1-4.)



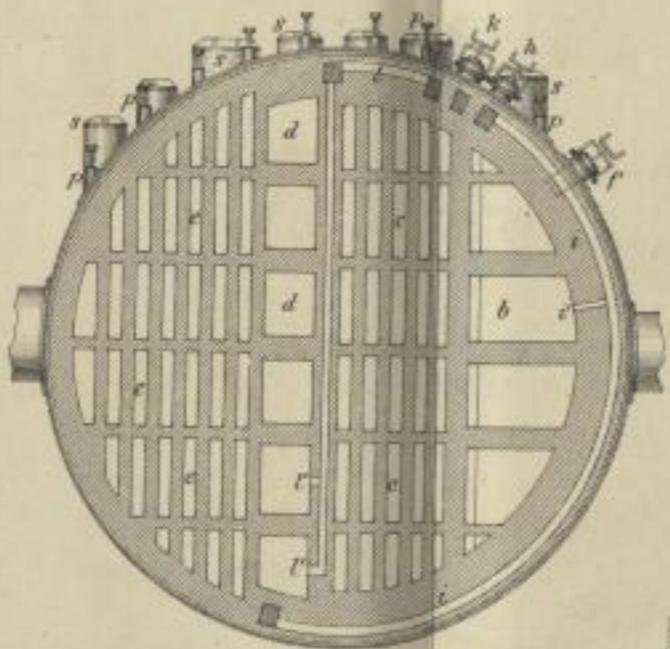
Thallmayer: Dederick's Perpetual-Heupresse.





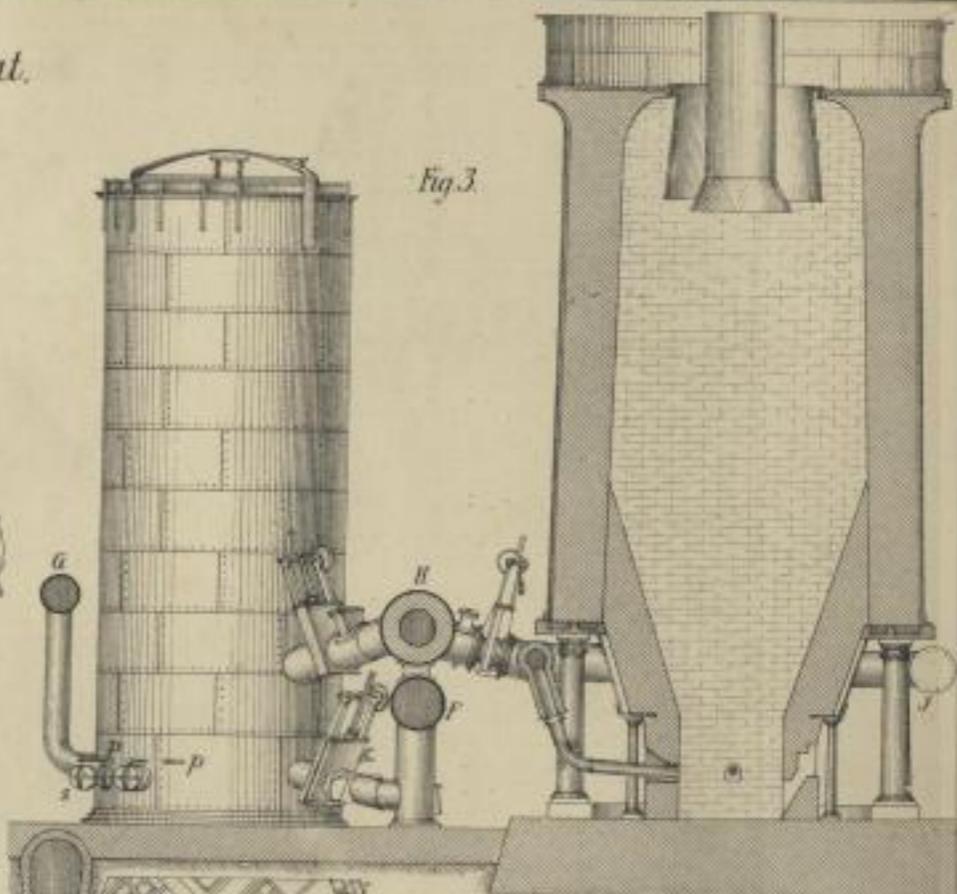
### Whitroell's Winderhitzungsapparat.

Fig. 2. Horizontalschnitt I-II



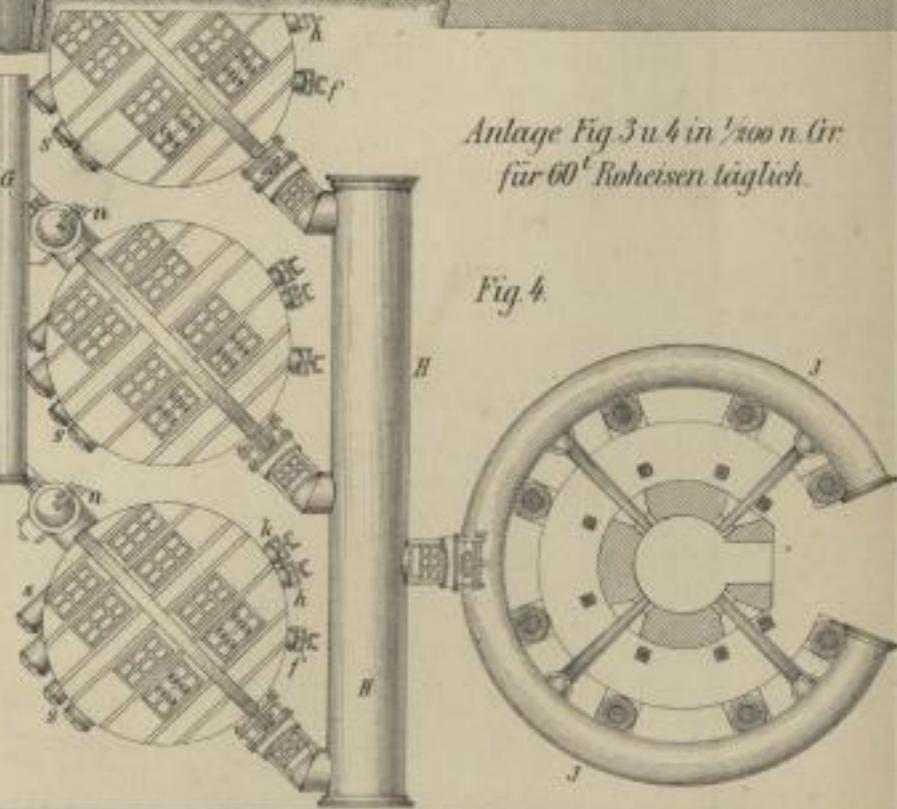
Apparat Fig. 1 u. 2 in  $\frac{1}{1000}$  n. Gr.  
diert zur Erhitzung von  $150^{\circ}$  in der Minute.

Fig. 3.



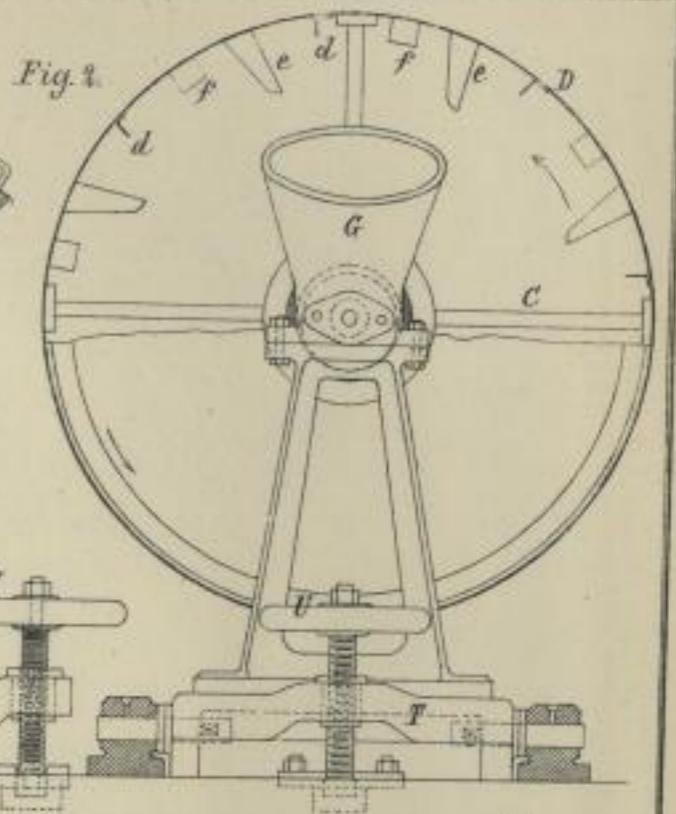
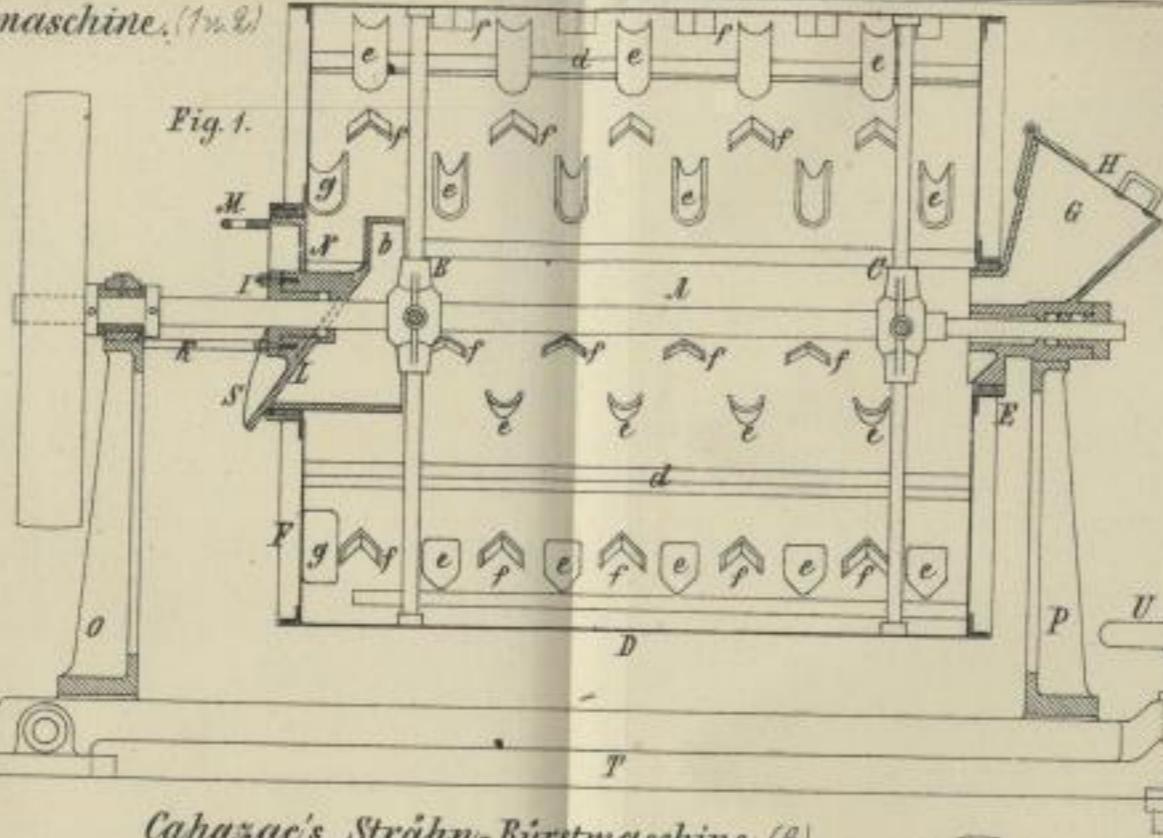
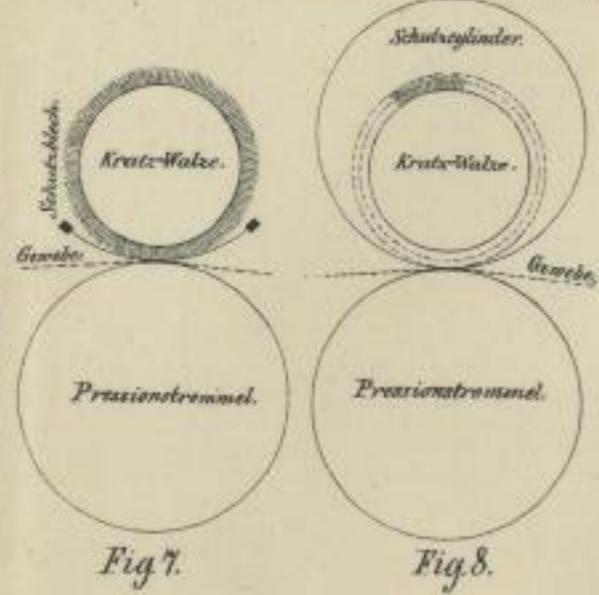
Anlage Fig. 3 u. 4 in  $\frac{1}{1000}$  n. Gr.  
für 60' Rohisen täglich.

Fig. 4.



*Leib. Anstalt v. F. Weis, Dresden.*

Neuerburg's Mischmaschine. (122)



Cahaze's Strähn-Bürstmaschine. (8)

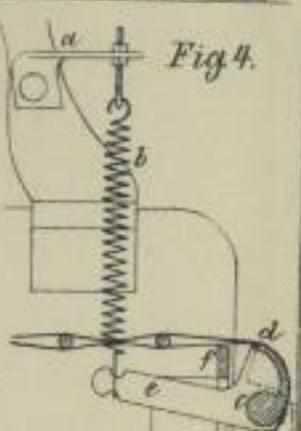
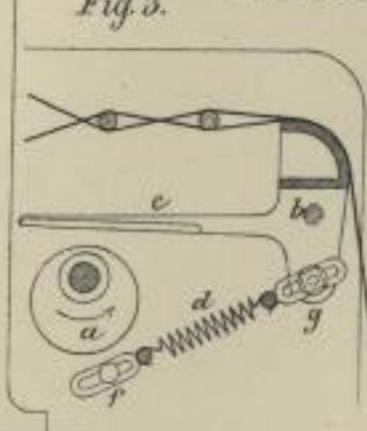
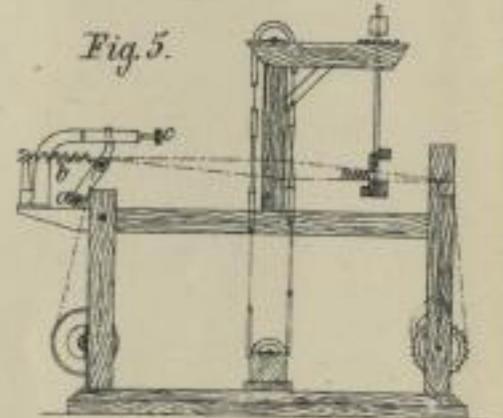
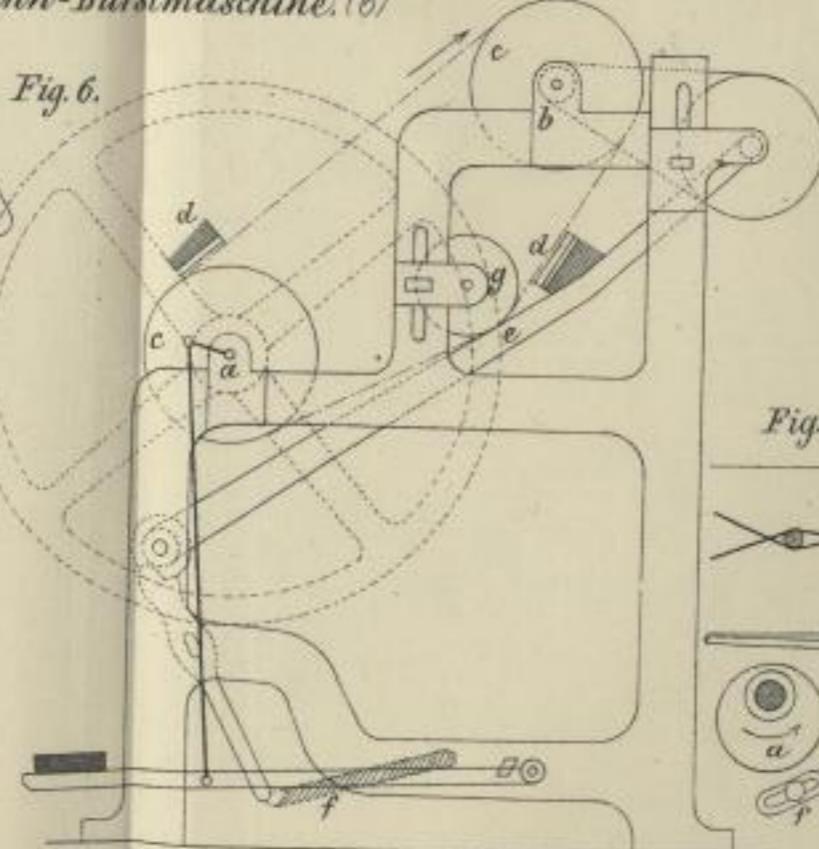
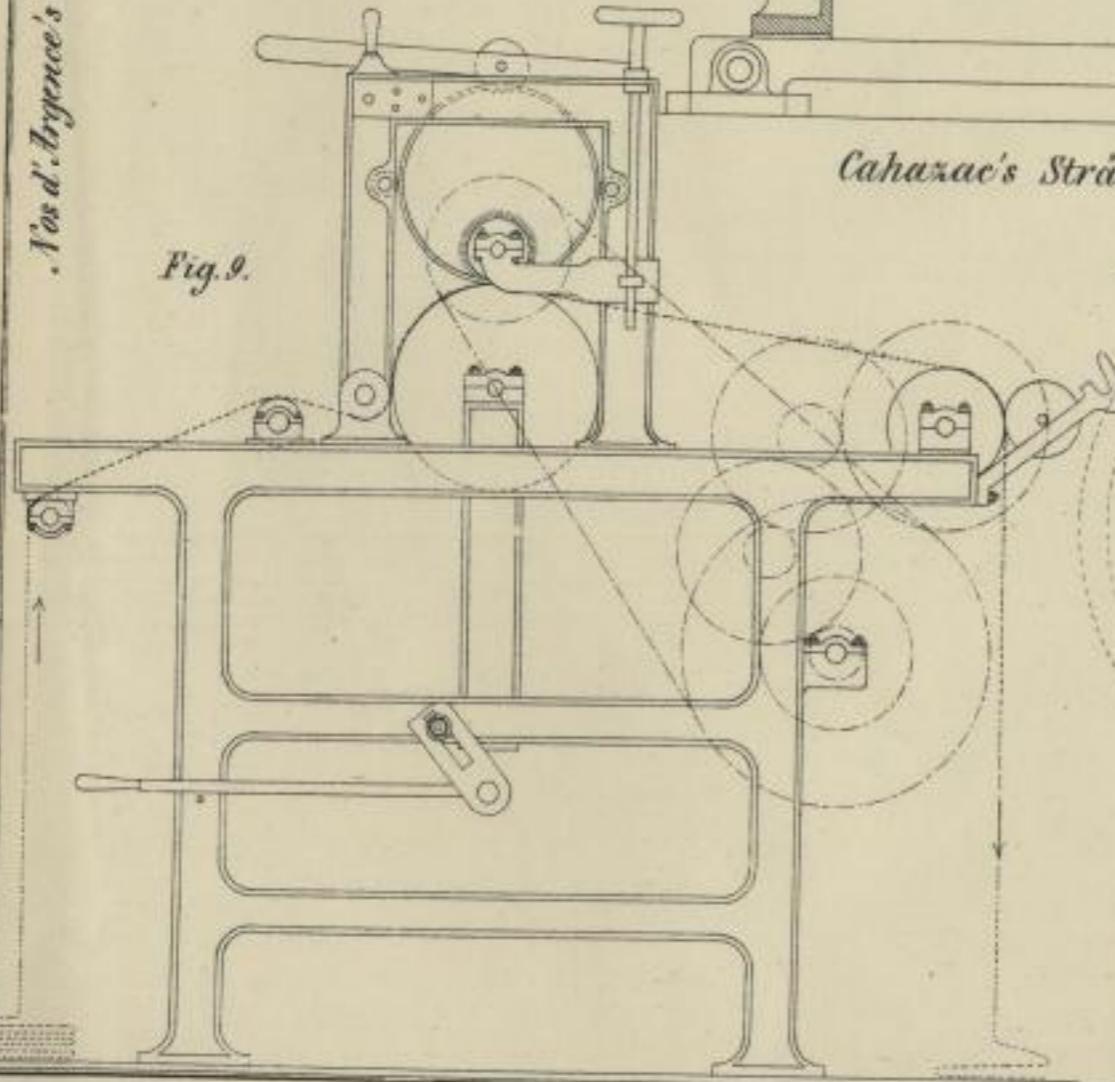
Fig. 9.

Fig. 6.

Fig. 5.

Fig. 3.

Fig. 4.



Ausgleichung der Kettenspannung bei Webstühlen. (3-2)

Edison's Graphittelefon und Phonograph.

(12-15)

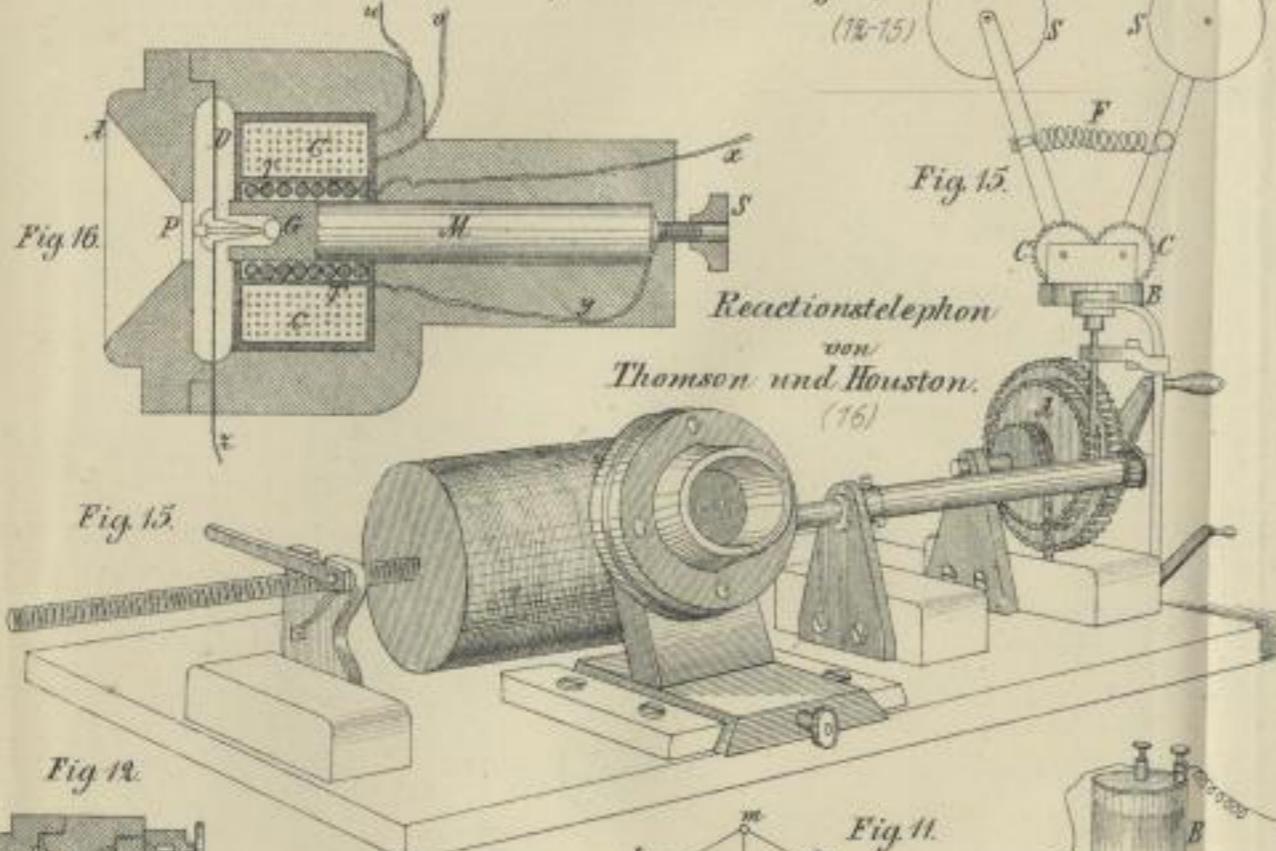


Fig. 12.

Fig. 13.

Fig. 14.

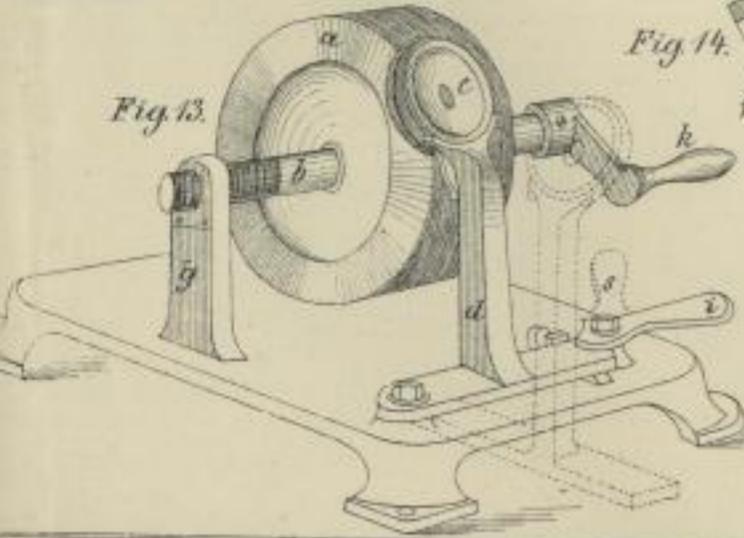
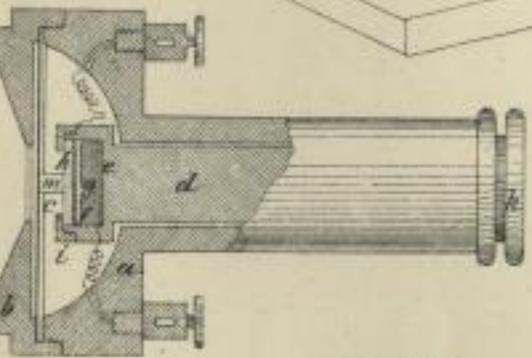


Fig. 15.

Reactionstelephon  
von  
Thomson und Houston.  
(16)

Fig. 11.

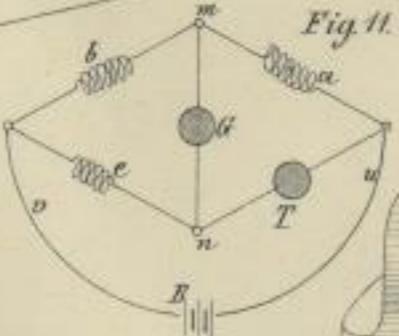
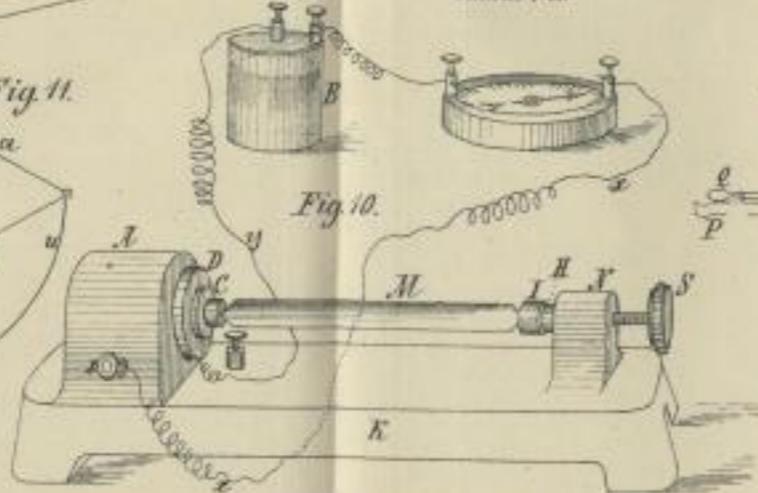


Fig. 10.



Edison's Mikro-Tasimeter. (9-11)

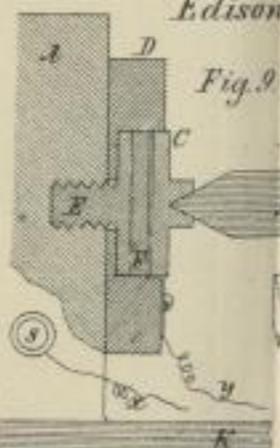
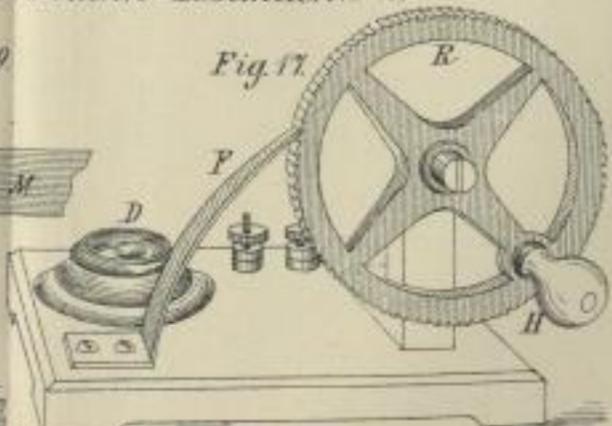


Fig. 9.

Fig. 17.



Schwarzler's Typendrucker. (1-8)

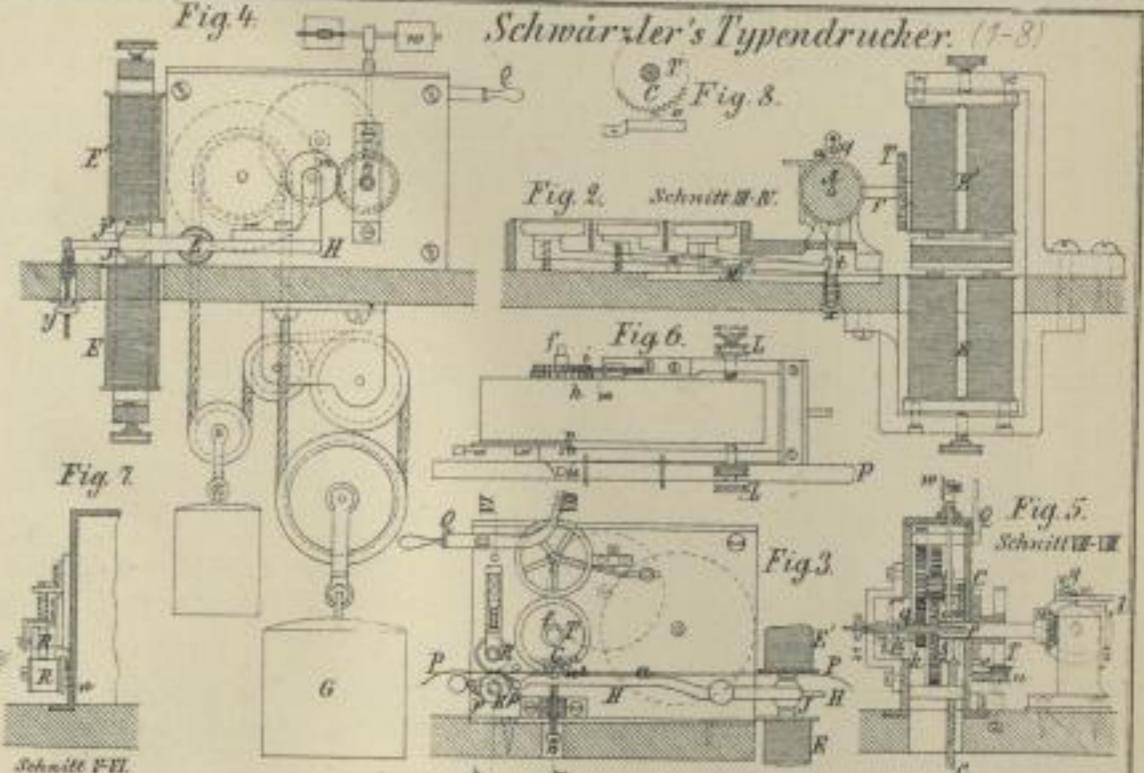


Fig. 4.

Fig. 8.

Fig. 2. Schnitt III-III.

Fig. 6.

Fig. 5. Schnitt VI-VI.

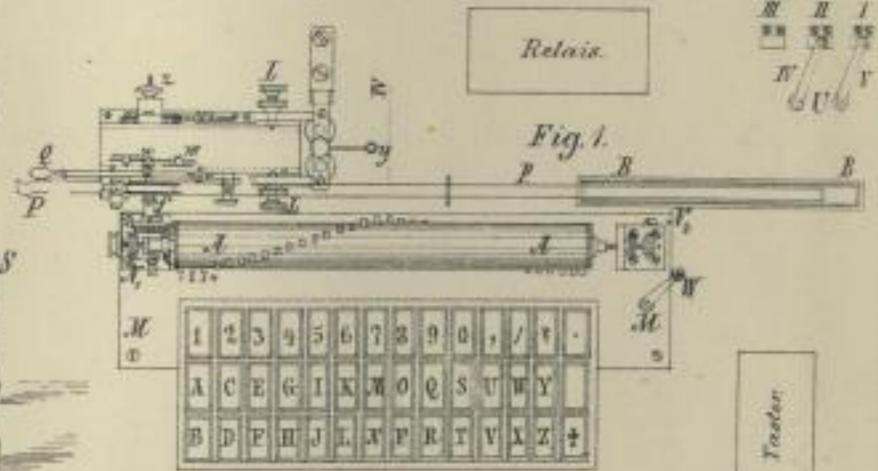
Fig. 7.

Fig. 3.

Schnitt VII-VII.

Relais.

Fig. 1.



Traschar.

Cooke's telephonischer Wecker. (17-18)

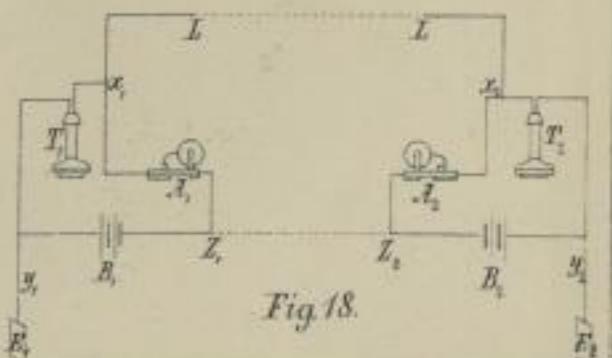
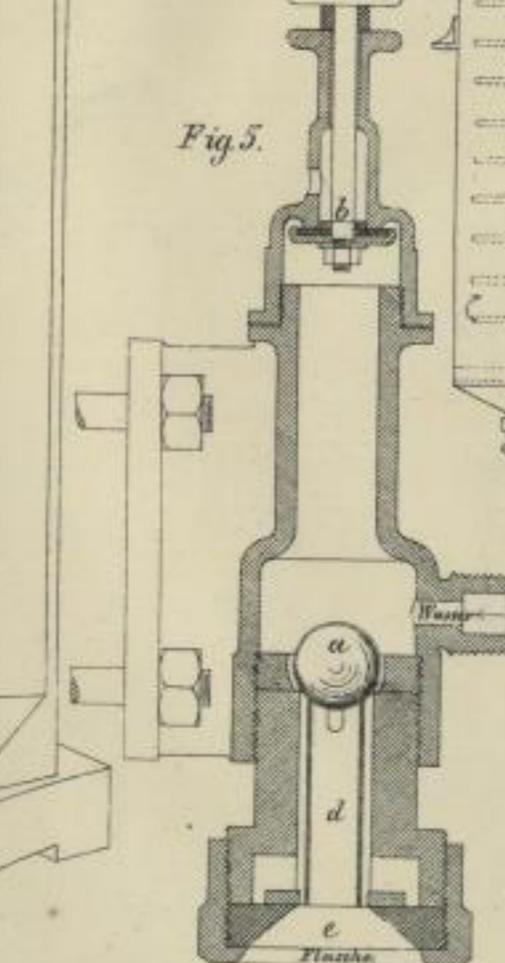
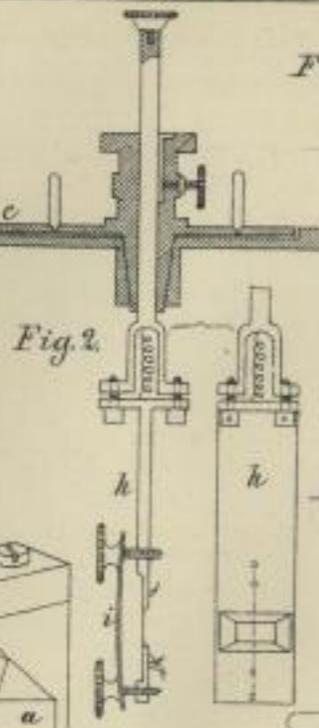
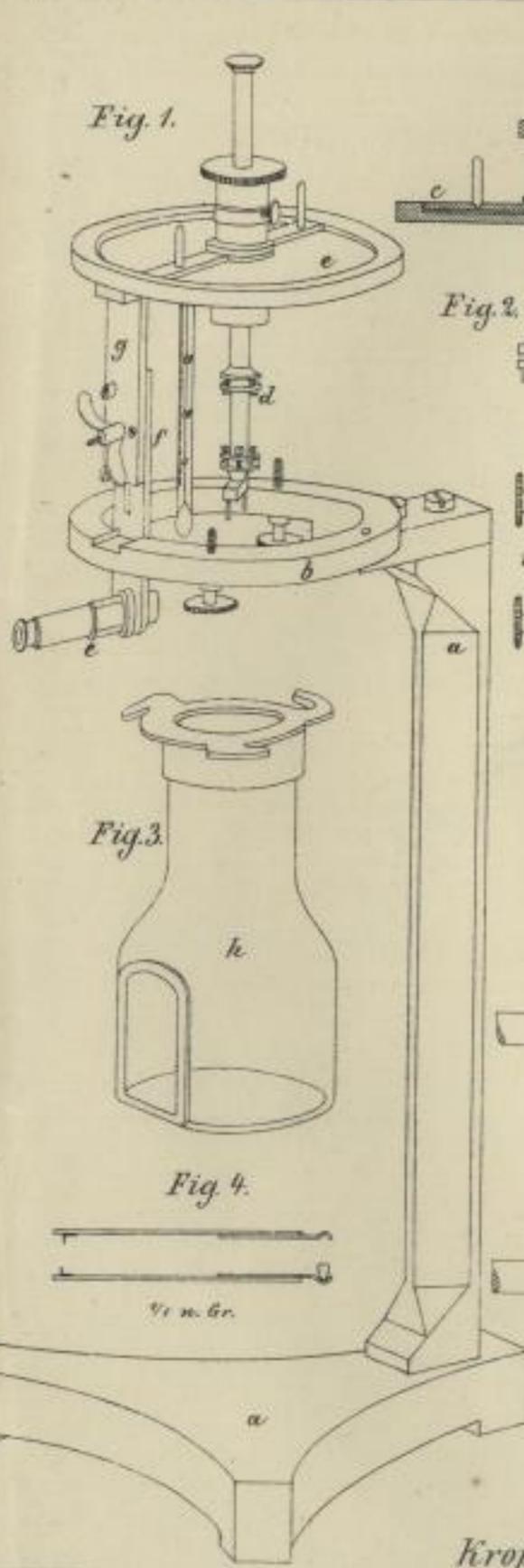


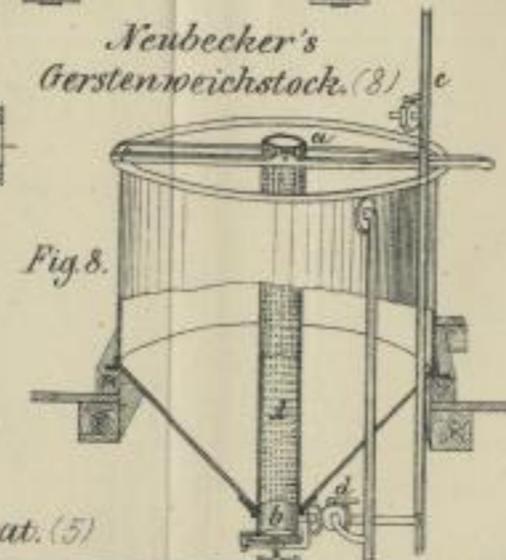
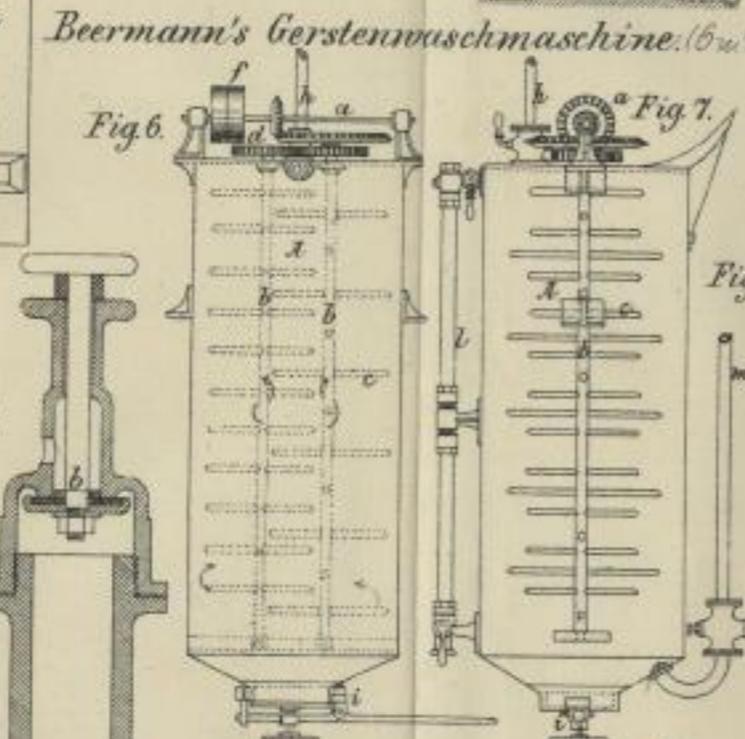
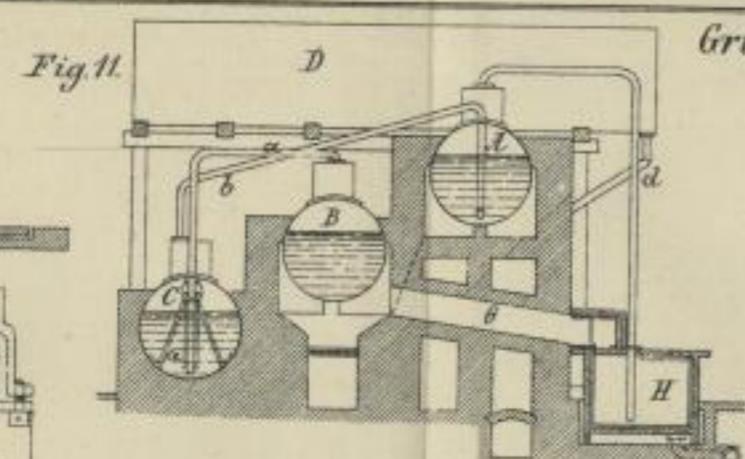
Fig. 18.



F. Kohlrausch's Totalreflectometer. (1-4)



Kropff's Flaschenfüllapparat. (5)



Hünerkopf's Keimapparat und Malzdarre. (9 u. 10)

Grüneberg's Ammoniakgewinnung. (11-13)

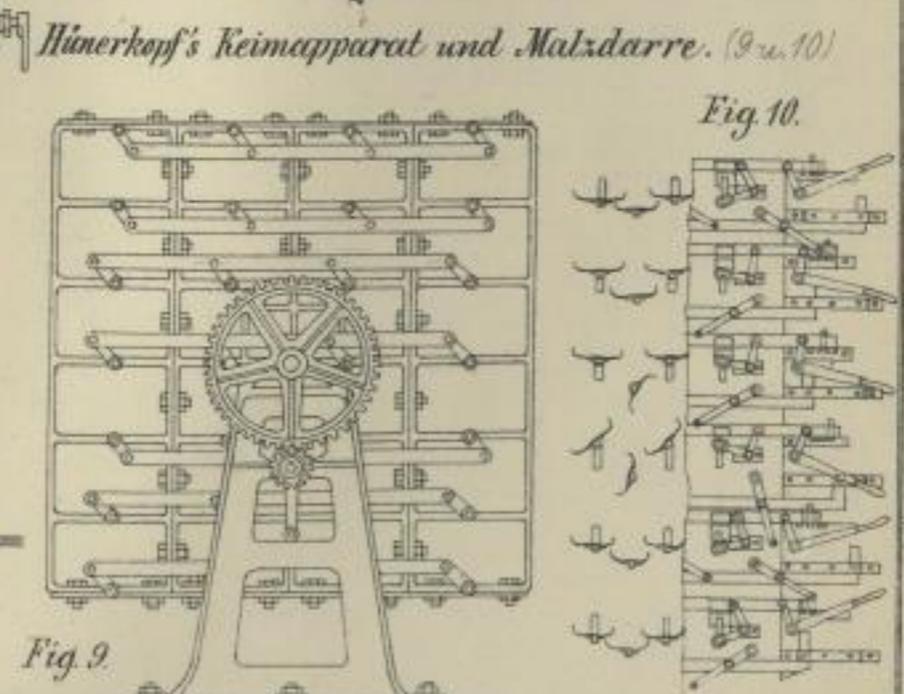
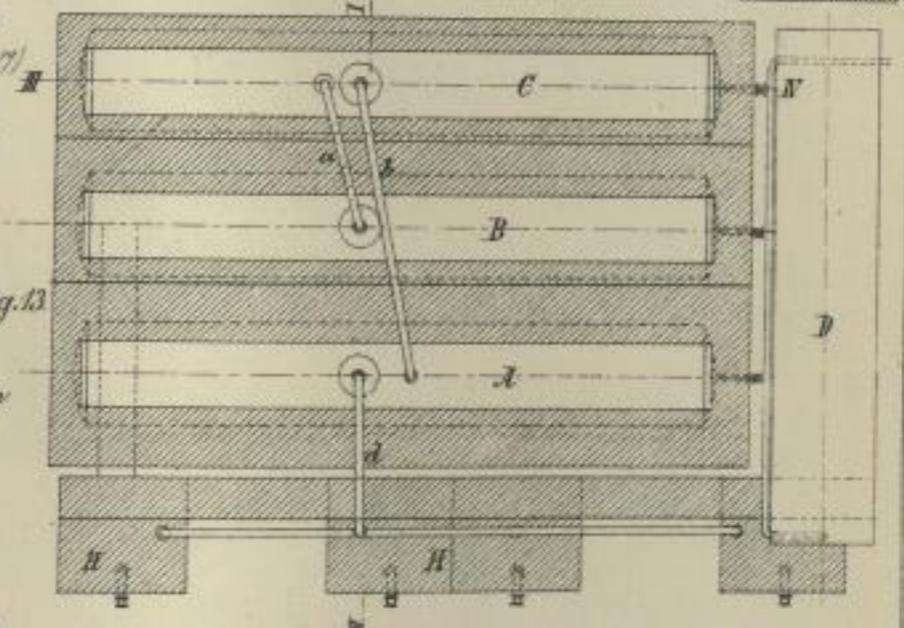
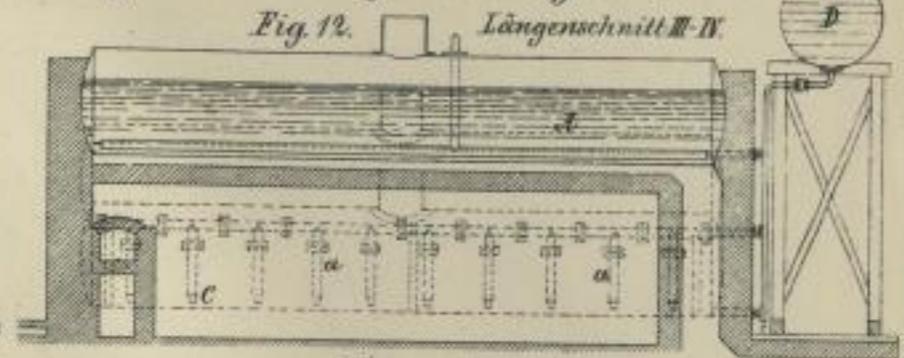
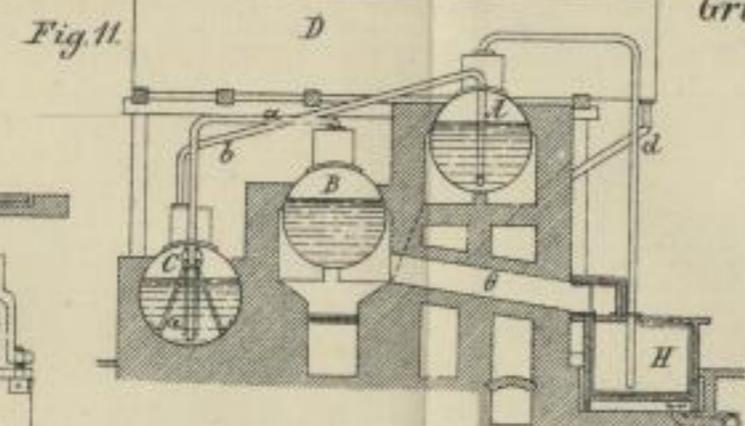
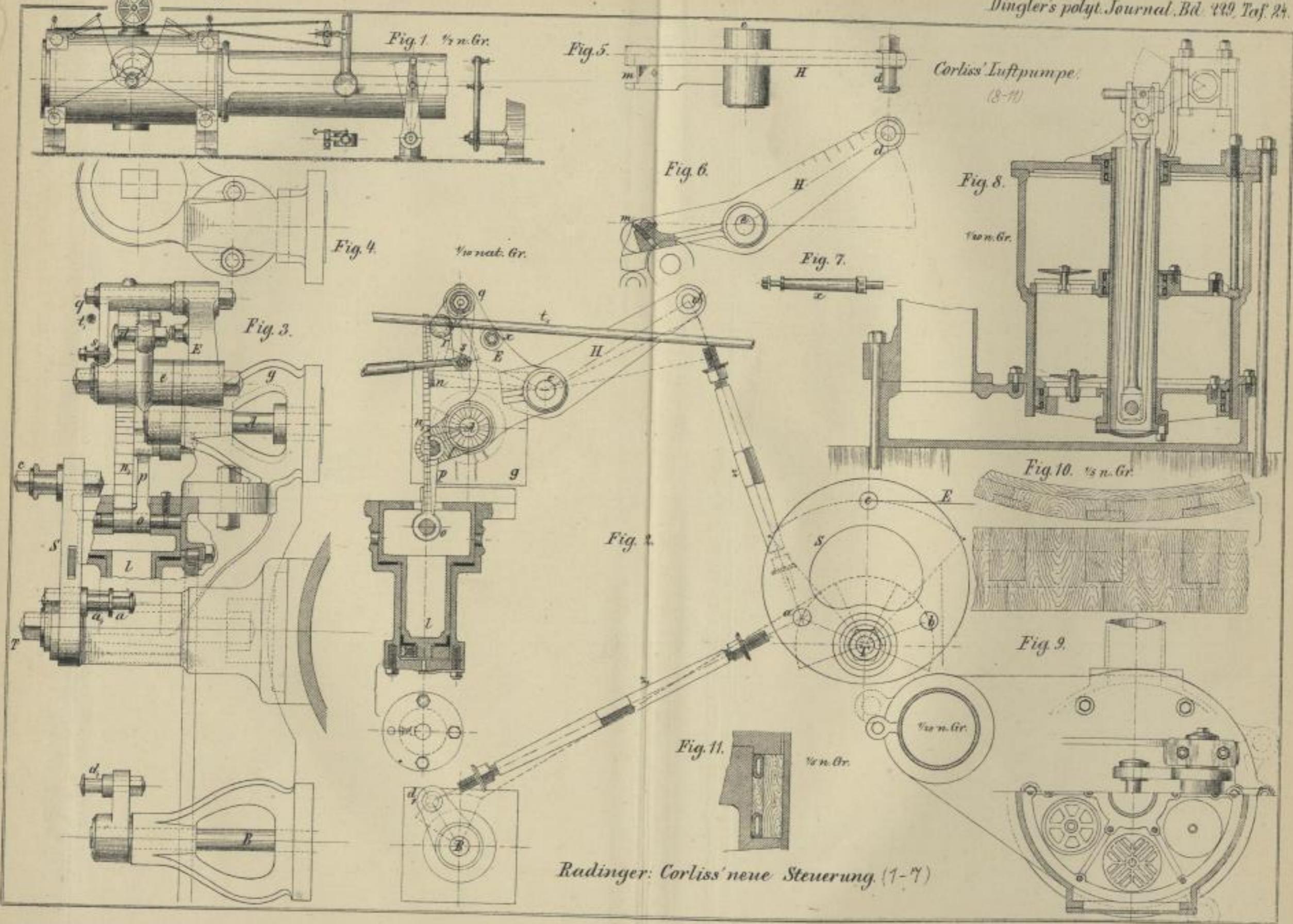


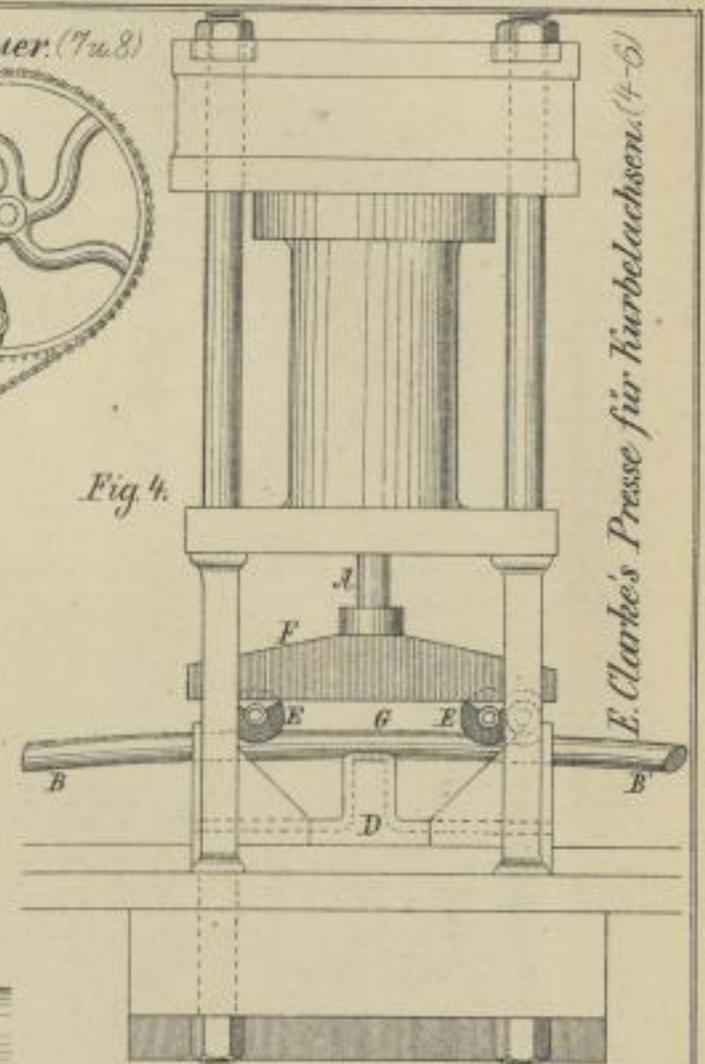
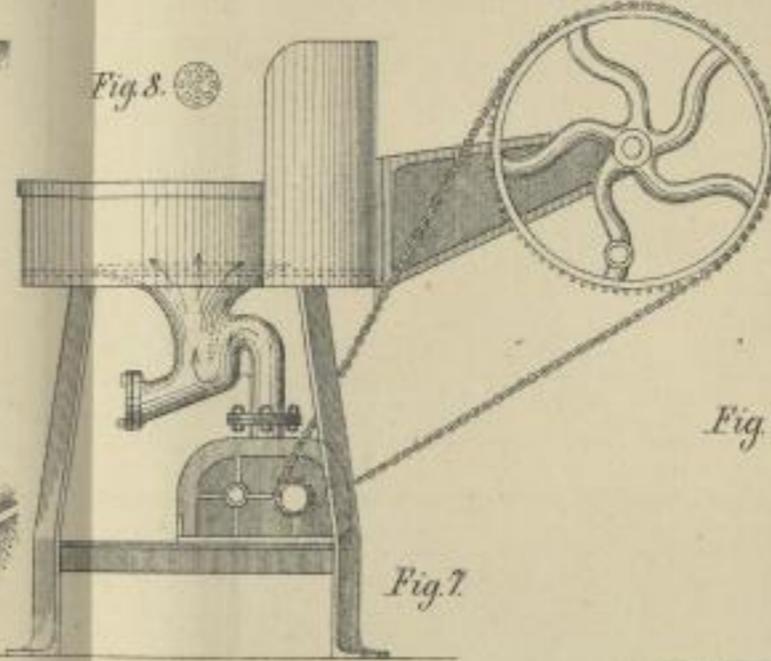
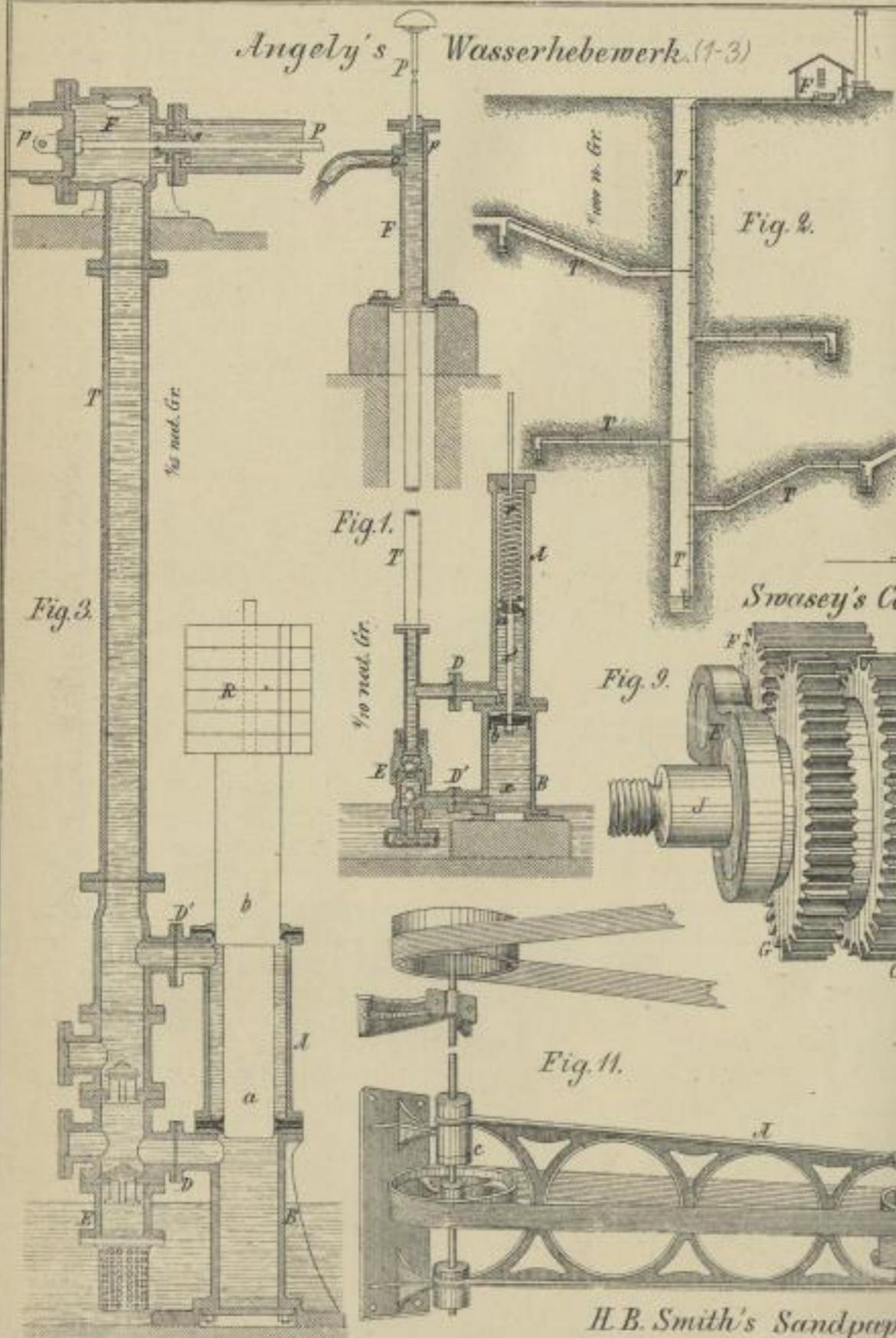
Fig. 10.

Fig. 9.

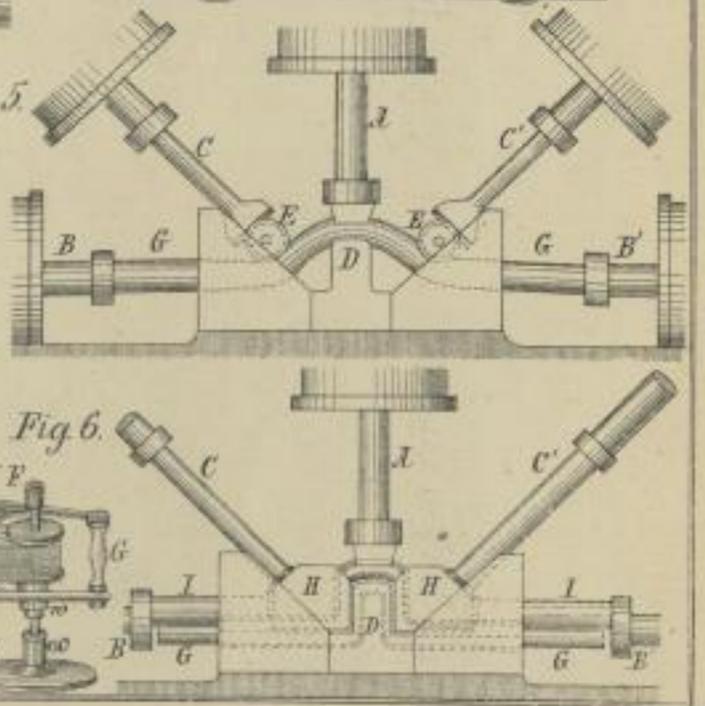
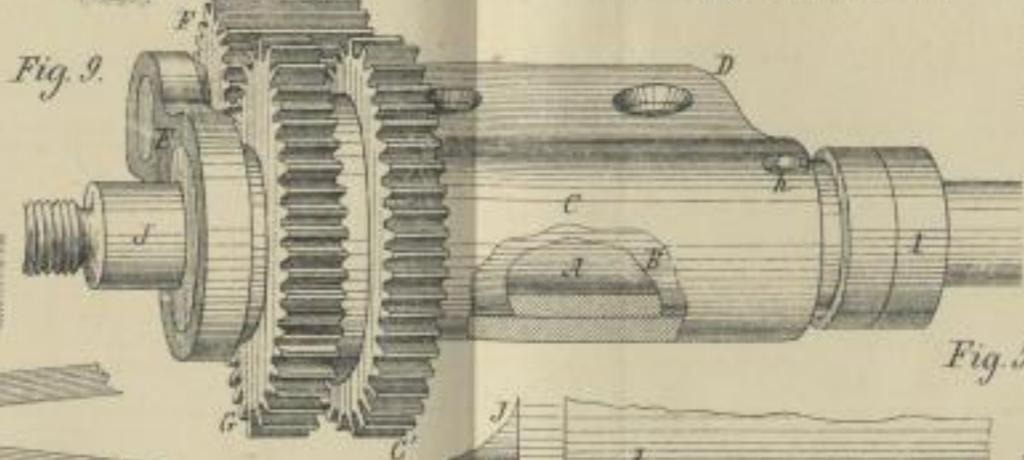


Angely's Wasserhebwerk. (1-3)

Thomites und Carbutt's Schmiedefeuer. (7u.8)



Swasey's Correctur einer Leitspindel. (9u.10)



H.B. Smith's Sandpapiermaschine. (11)

Schimmel's Streichgarn-Spinnmaschine. (1-4)

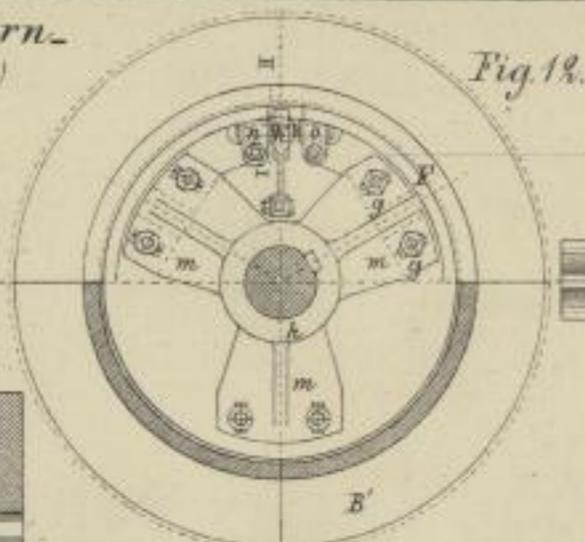
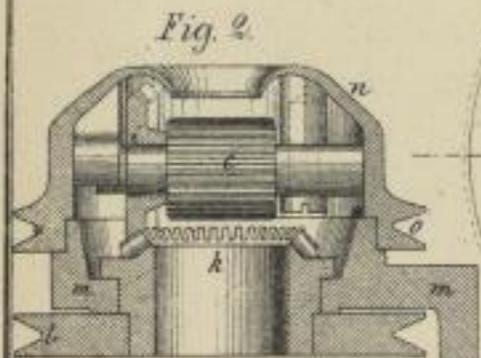


Fig. 12.

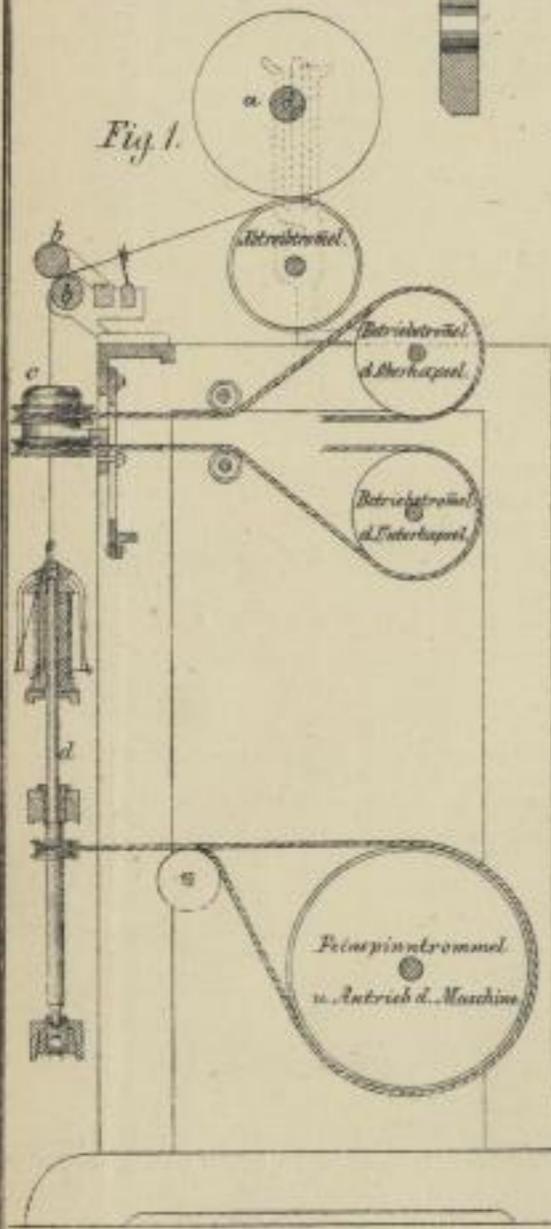


Fig. 1.

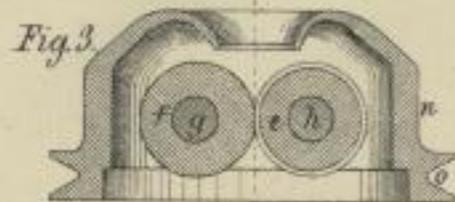


Fig. 3.

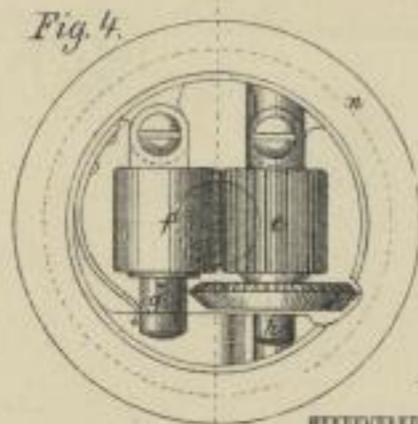


Fig. 4.

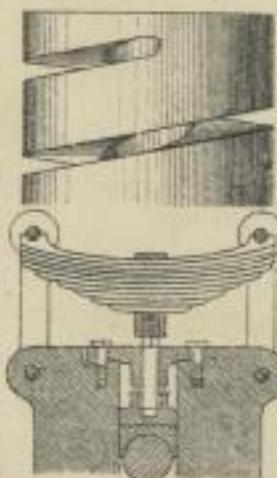


Fig. 5.

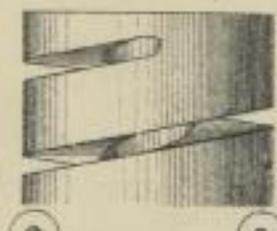


Fig. 6.

Bréval's Walzenpresse für Lohe. (5-9)

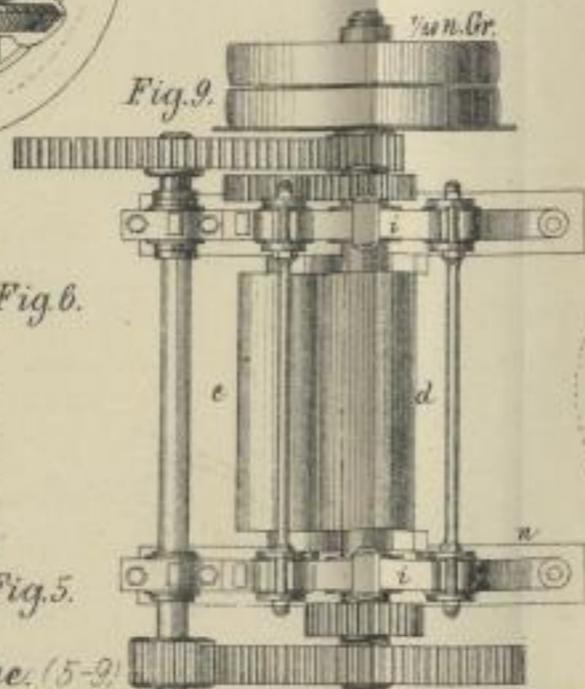


Fig. 9.

Kloman's Frictionskupplung für Reversirwalzen. (10-13) Fig. 11.

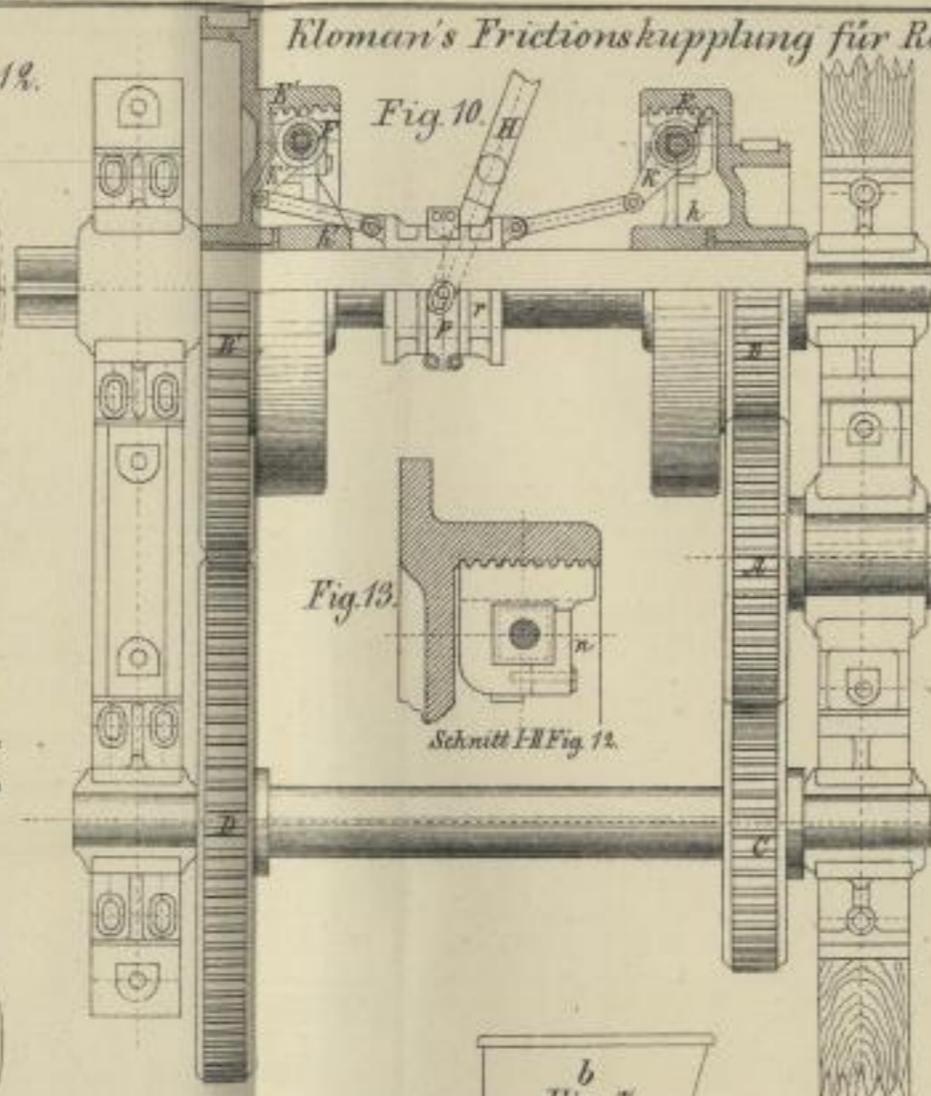


Fig. 10.

Fig. 13.

Schnitt H-H Fig. 10.

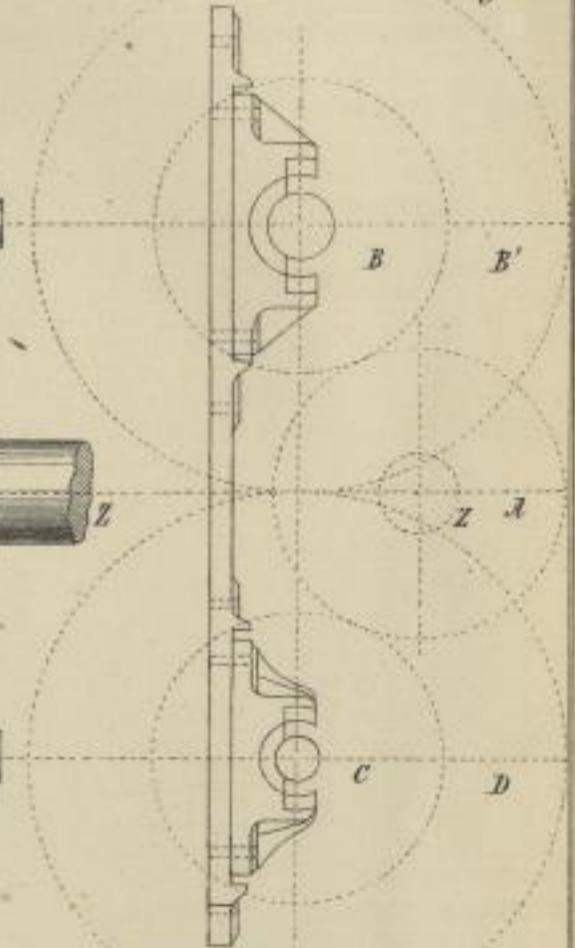


Fig. 11.

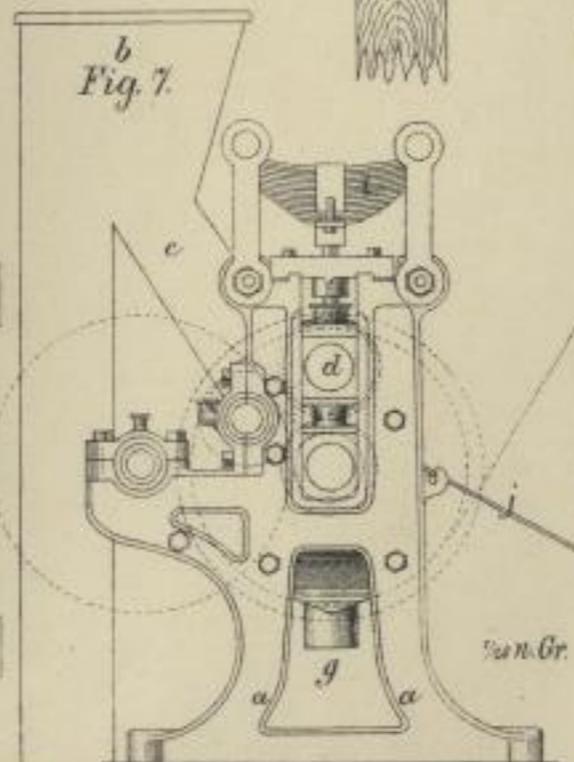


Fig. 7.

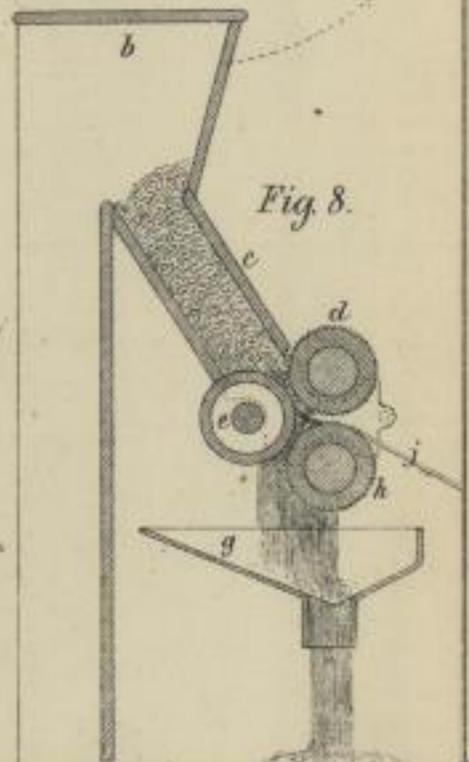
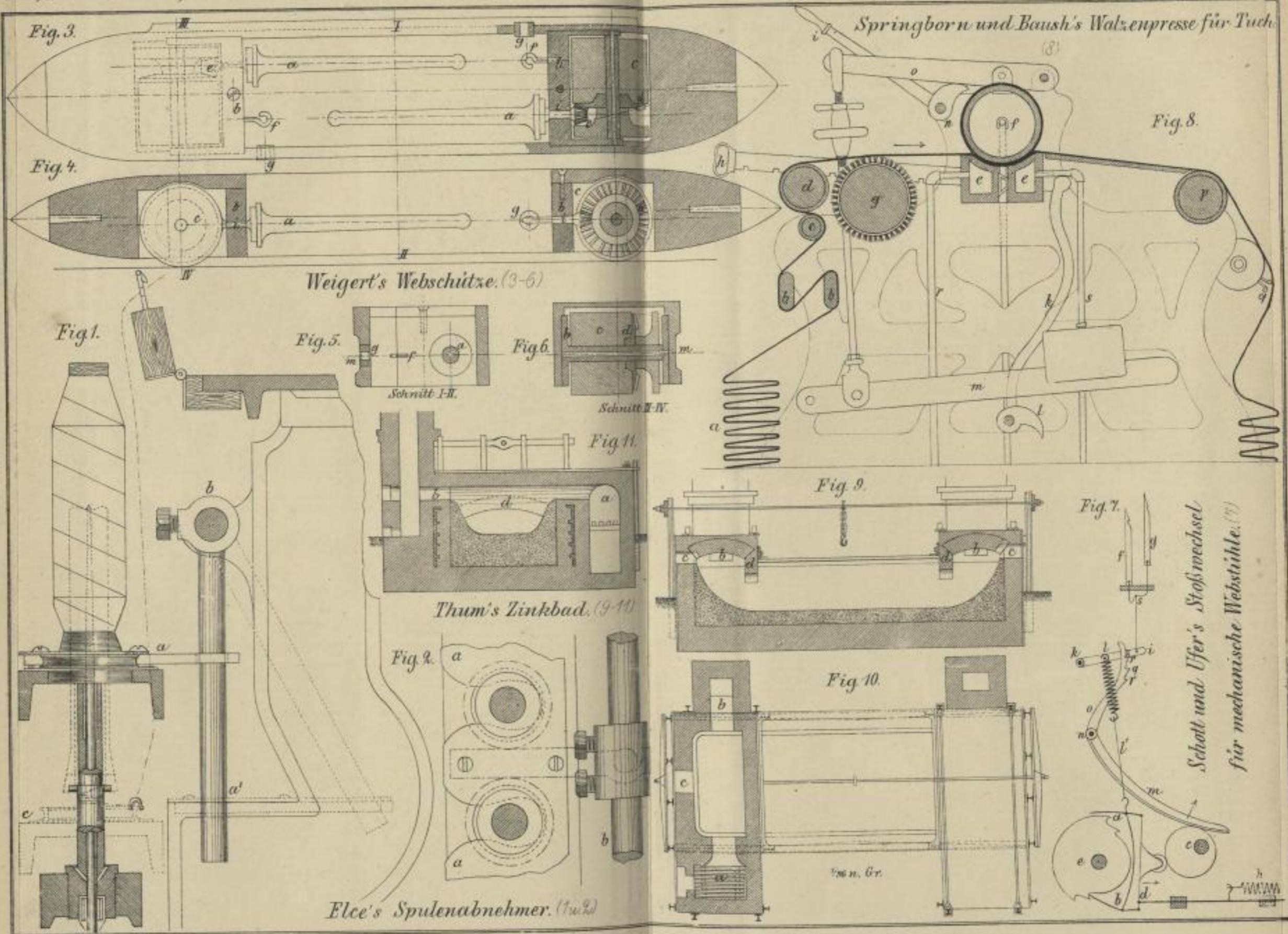


Fig. 8.



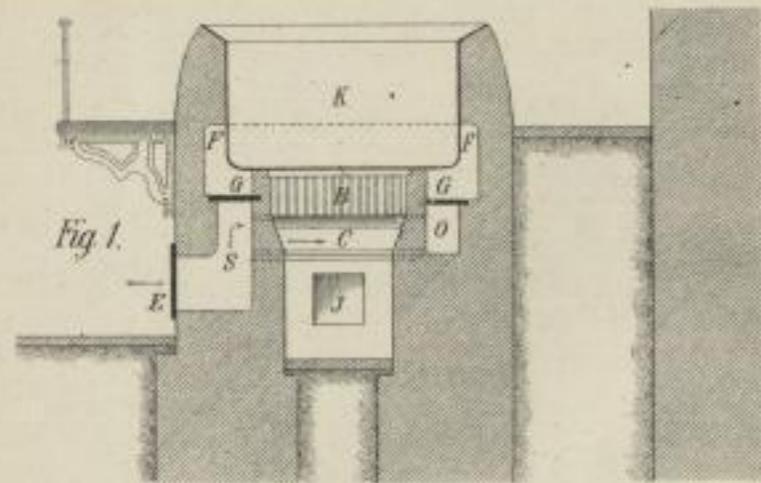


Fig. 1.

Novak's Gasheizung für Braupfannen. (1 u. 2.)

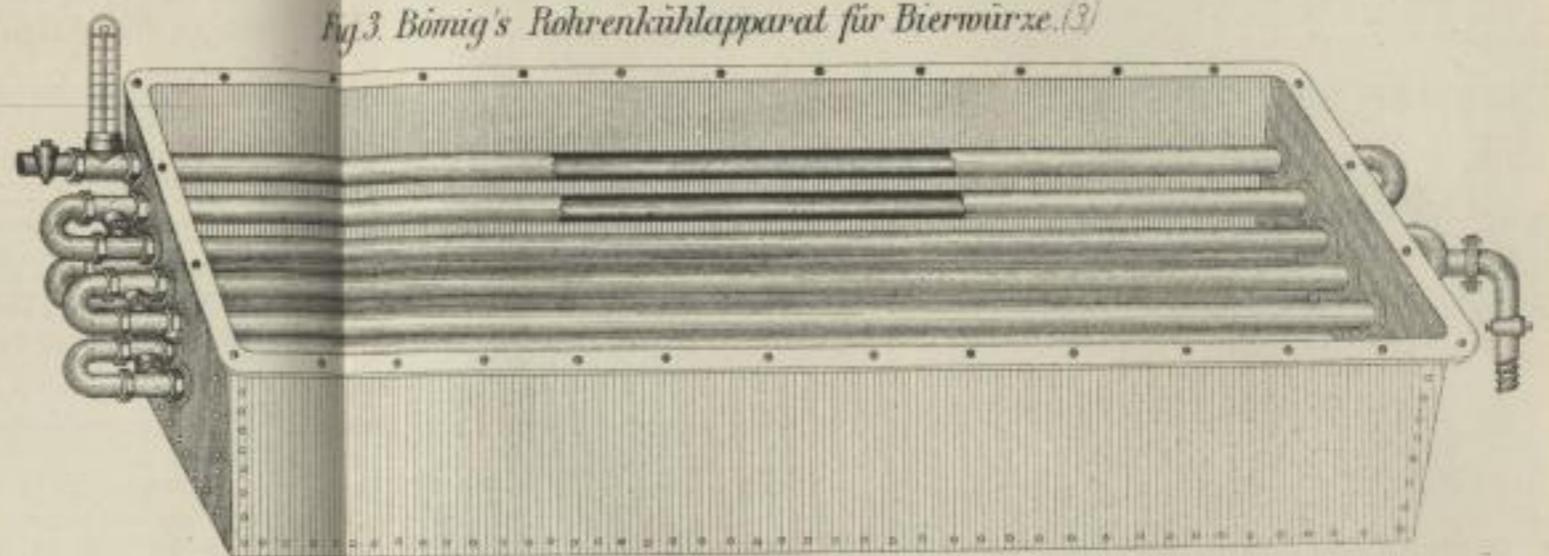


Fig. 3. Bönig's Rohrenkühlapparat für Bierwürze. (3.)

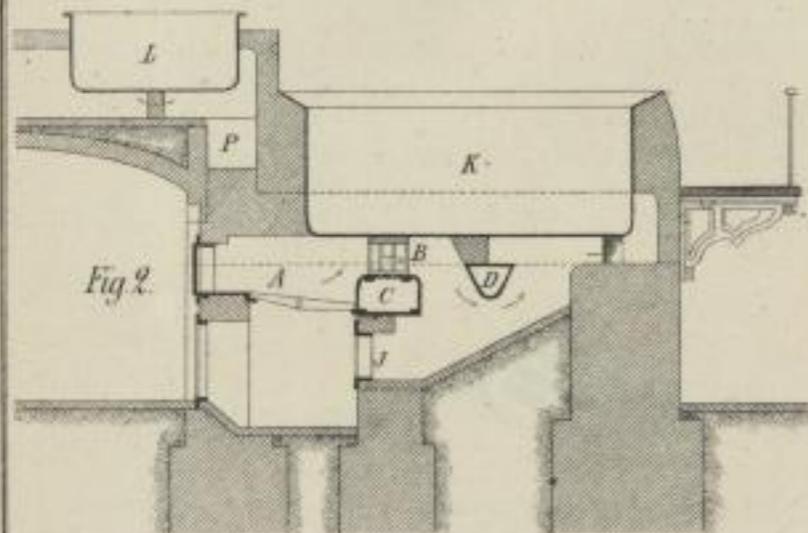
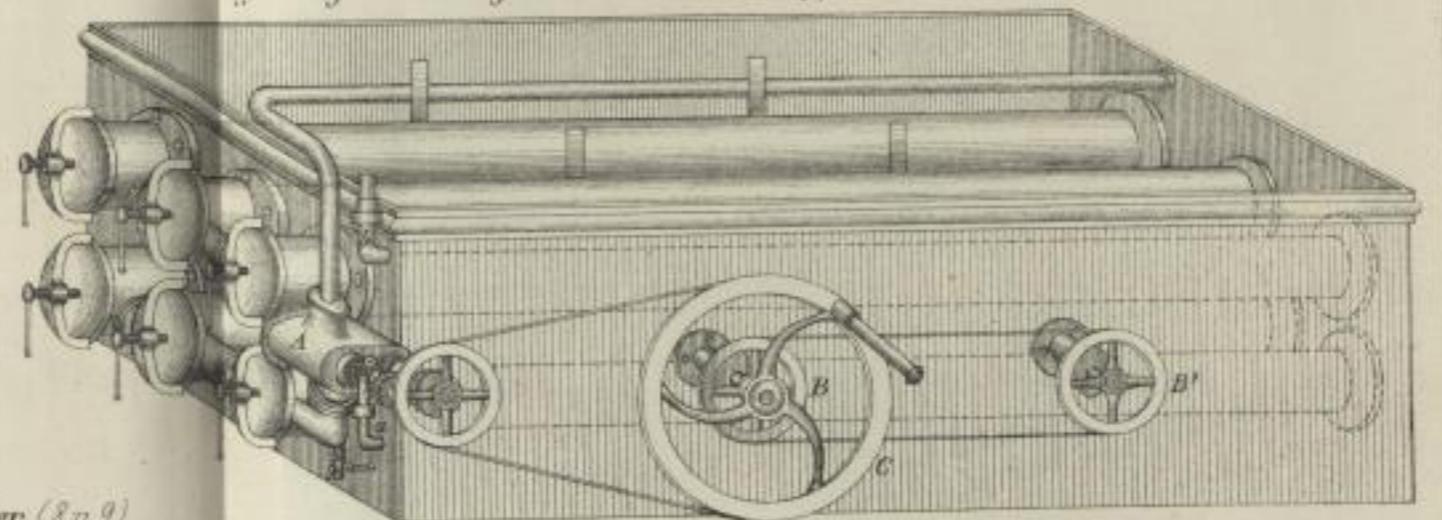


Fig. 2.

Fig. 4. Schwinghald's Würzekühlapparat. (4.)



Gottfried's Kühlapparat. (10.)

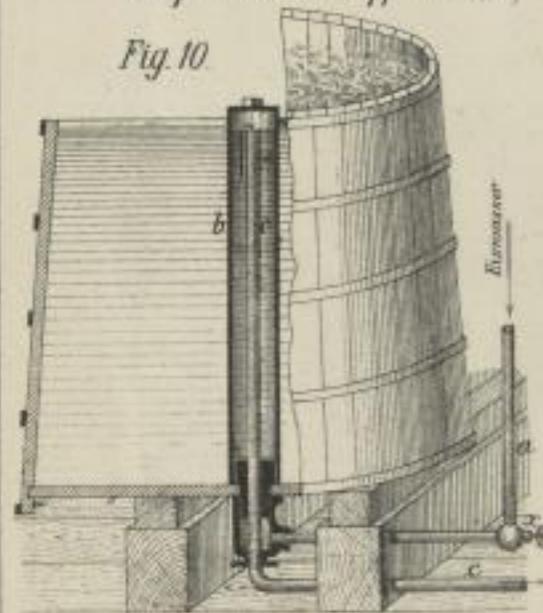


Fig. 10.

Pallausch's Kühler. (8 u. 9.)

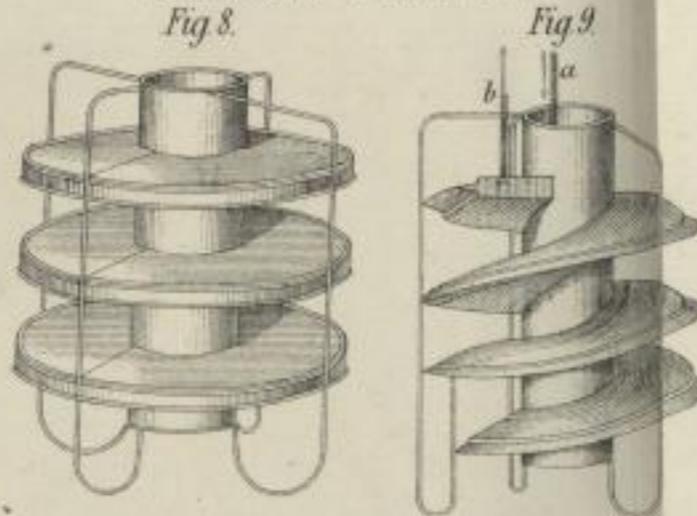


Fig. 8.

Fig. 9.

Novak's Eisschwimmer. (5-7.)

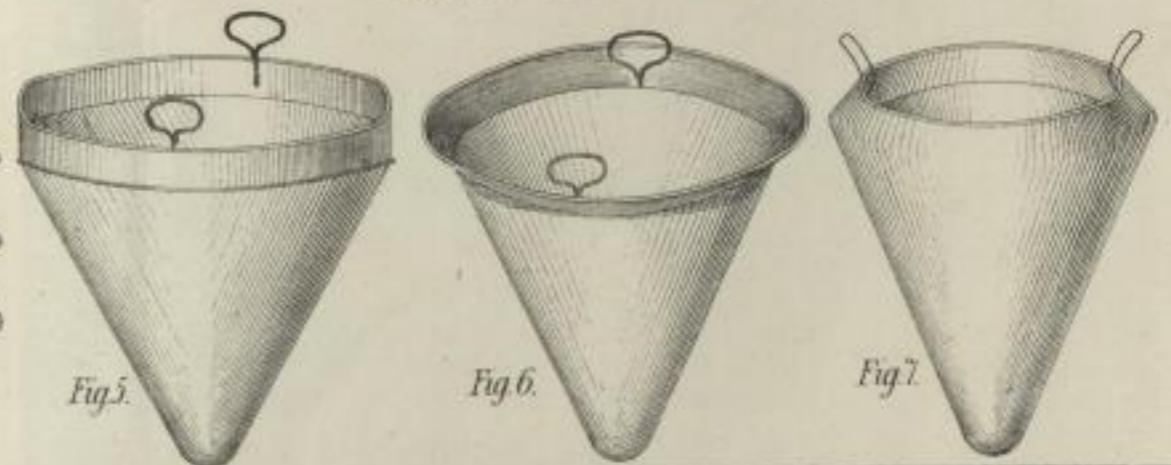


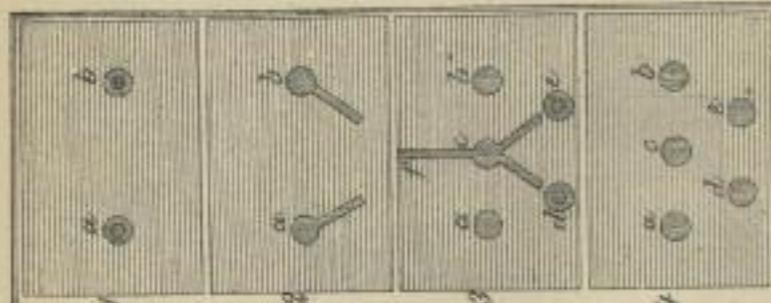
Fig. 5.

Fig. 6.

Fig. 7.

Lith. Anstalt v. F. Wirtz, Darmstadt





Jablochhoff's elektrische Lampe. (2 u. 3)

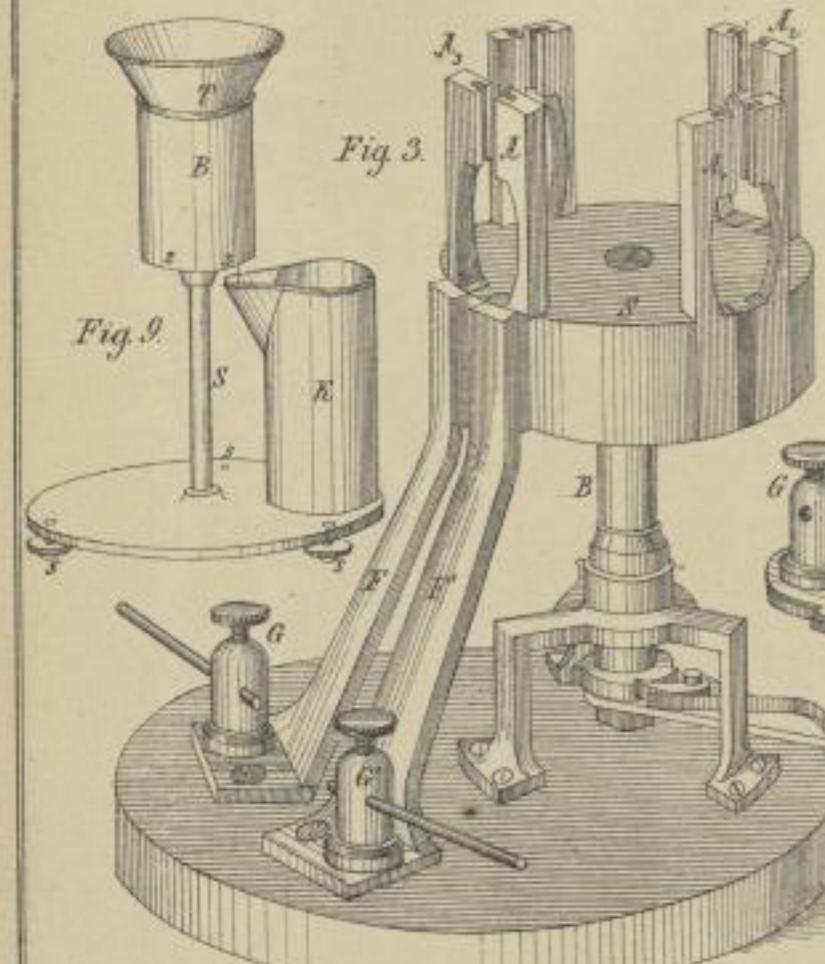


Fig. 3.

Fig. 9.

Fig. 10.

Prandtl's Milchtheiler. (9 u. 10)

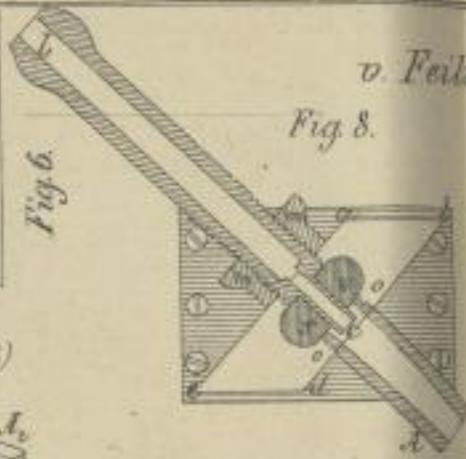


Fig. 8.

v. Feilitzsch's hydrodynamische Luftpumpe. (4-8)

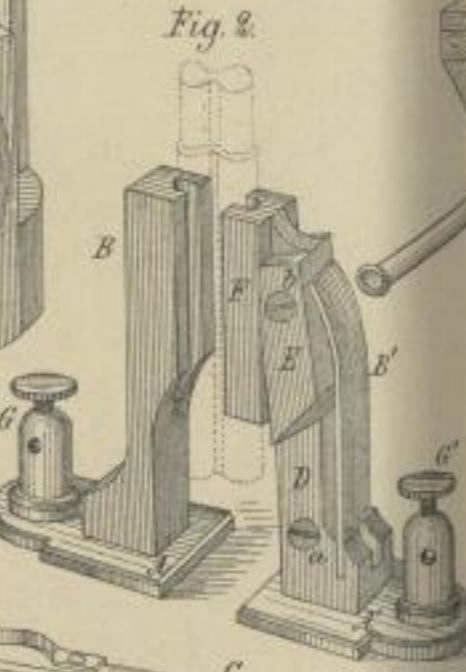


Fig. 2.

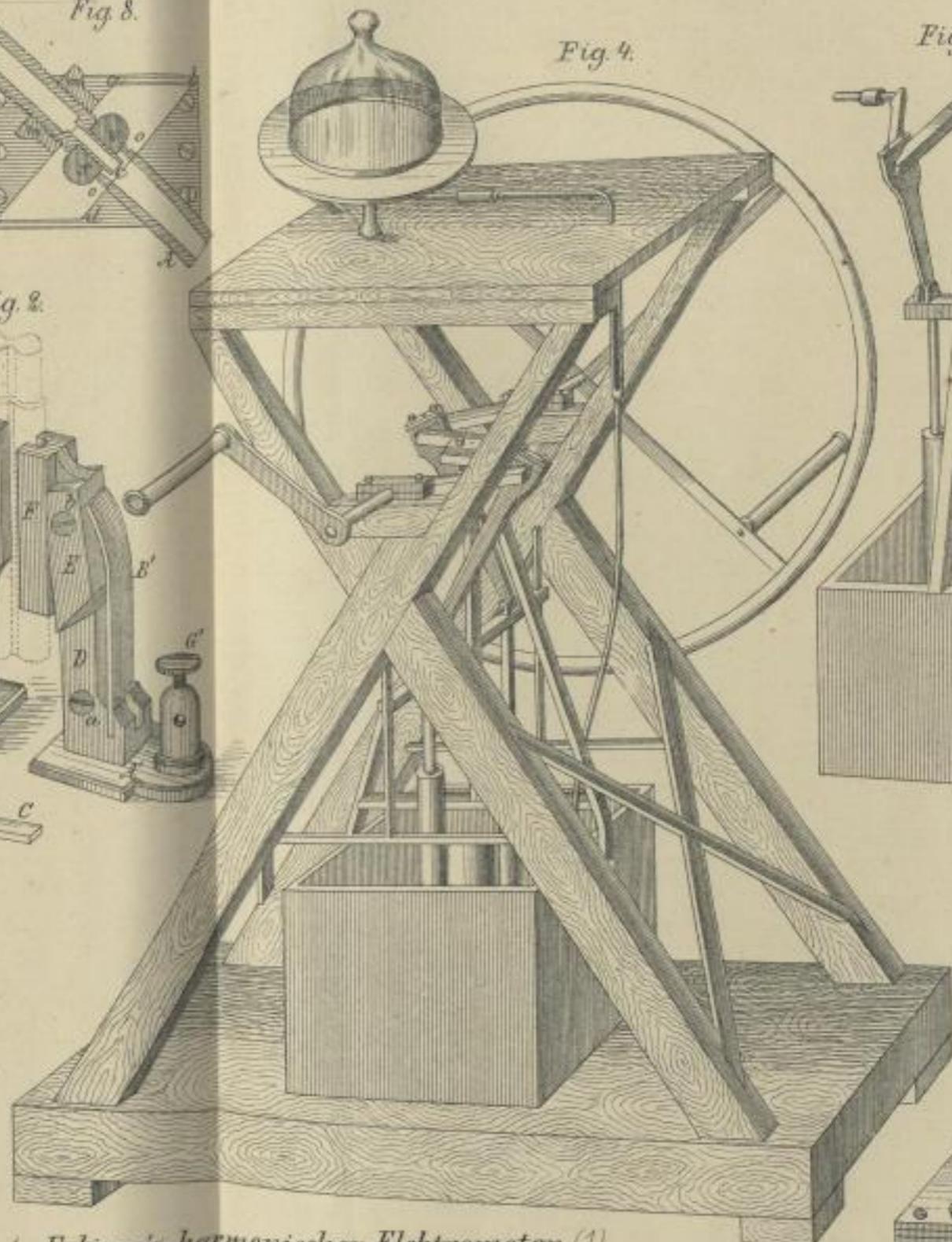


Fig. 4.

Fig. 1. Edison's harmonischer Elektromotor. (1)

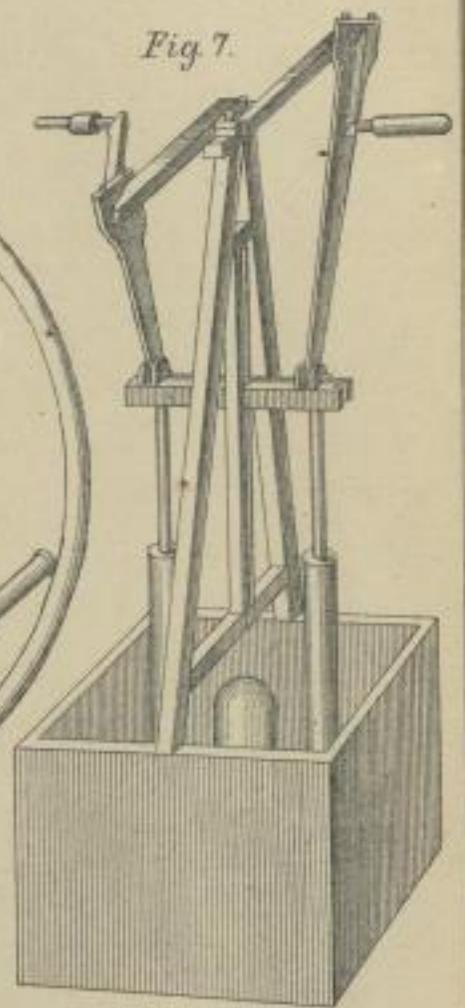


Fig. 7.

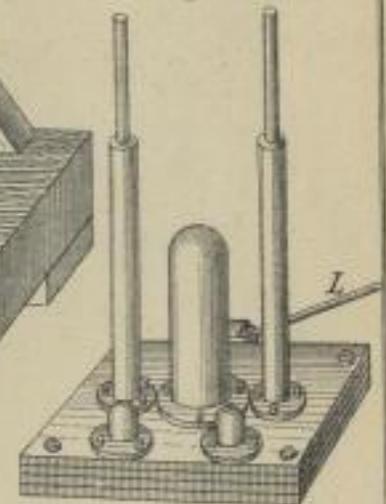
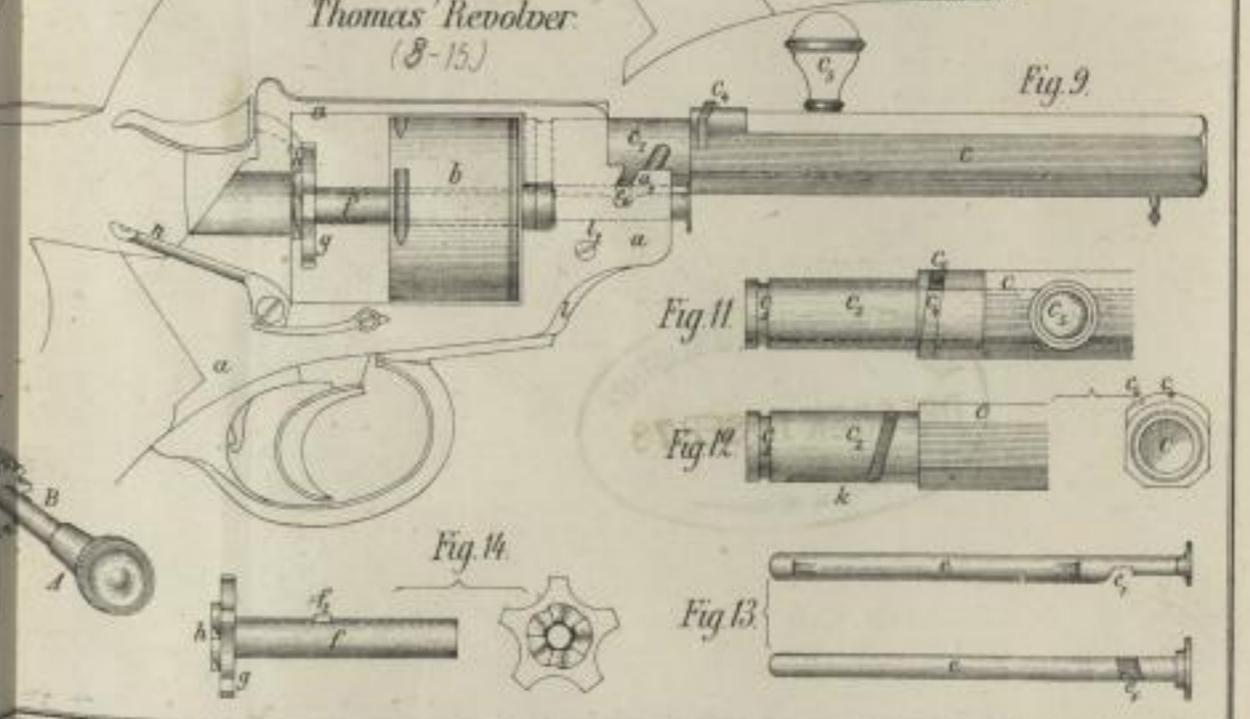
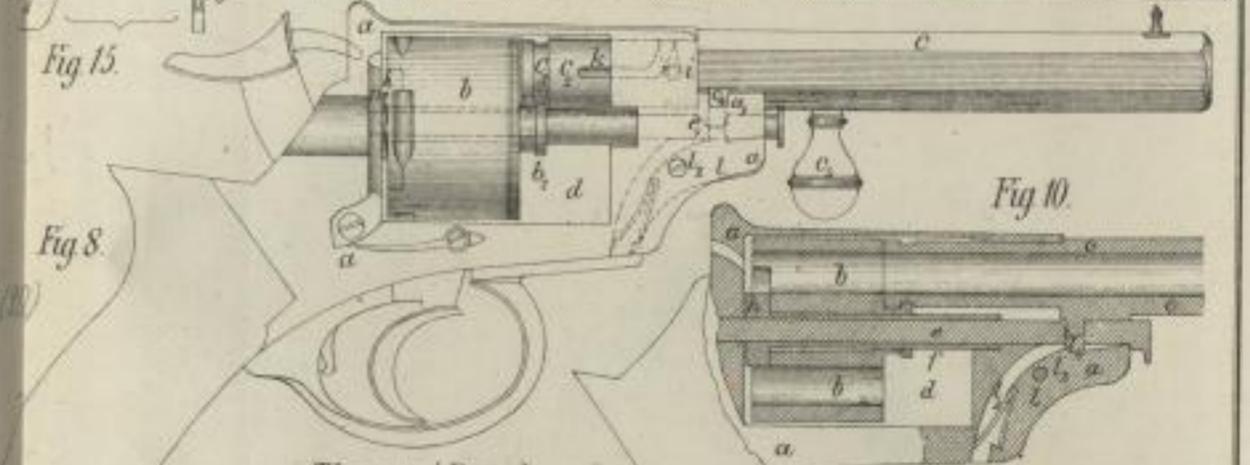
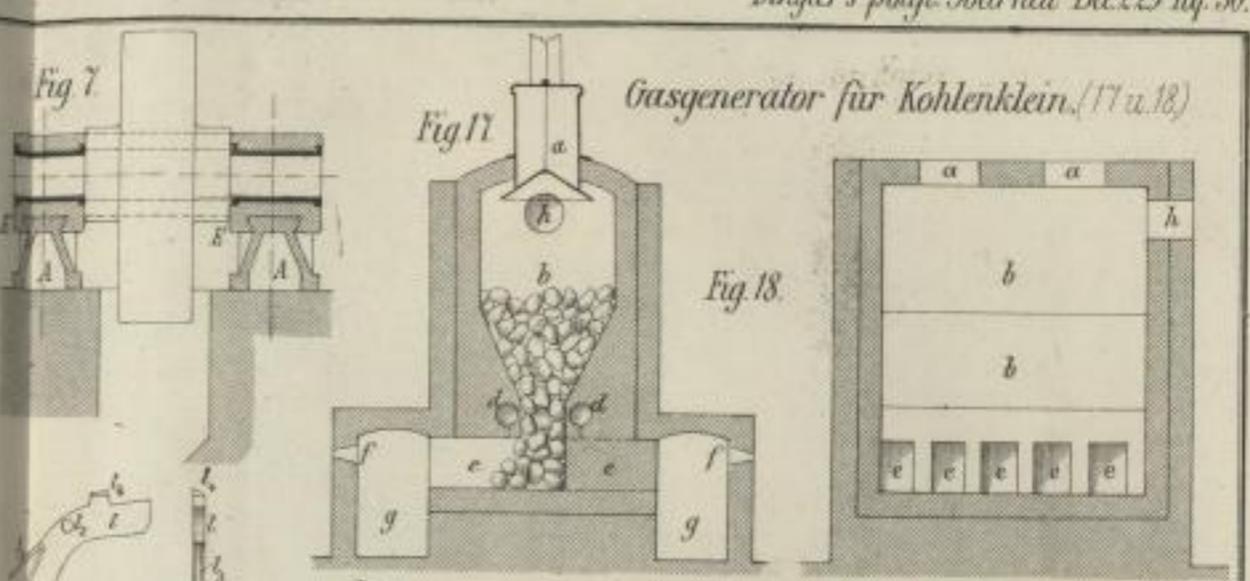
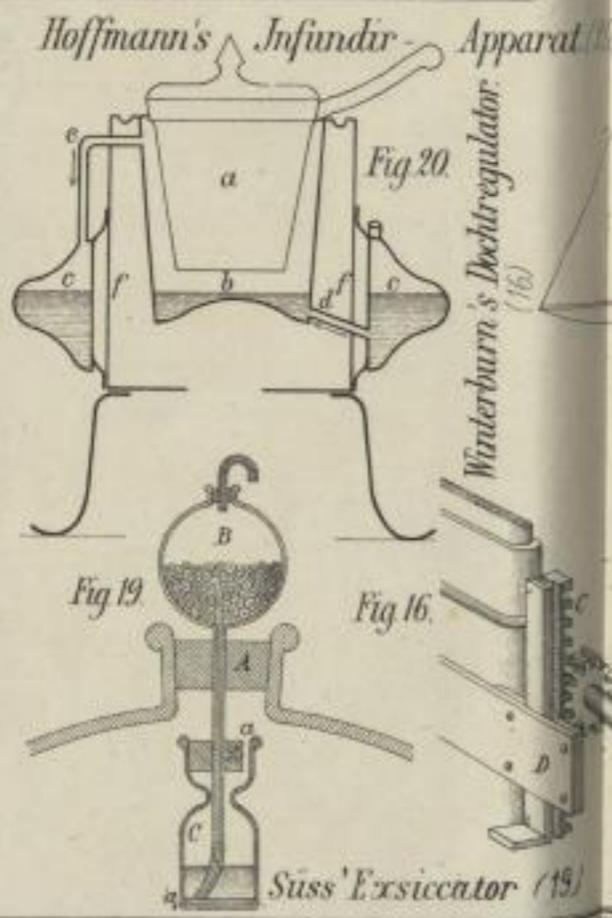
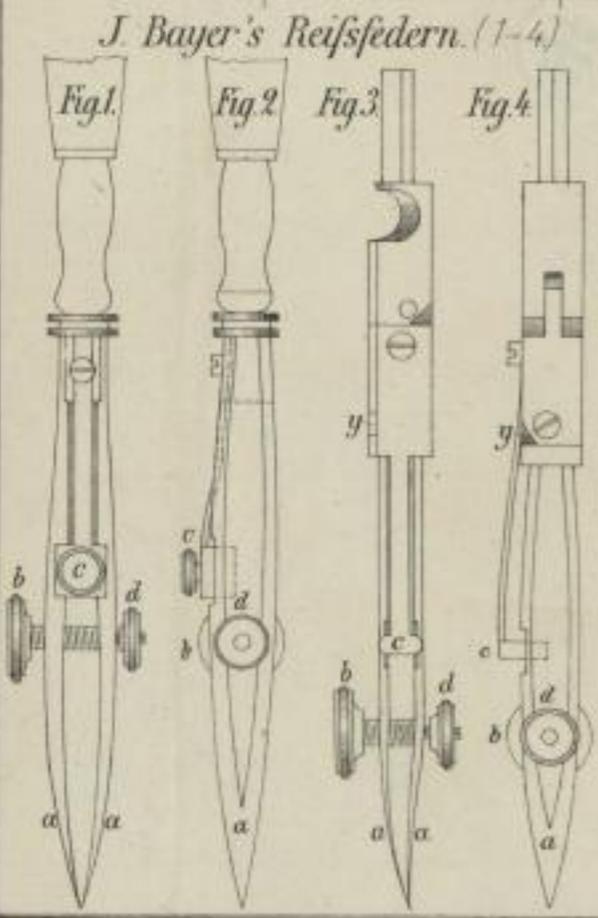
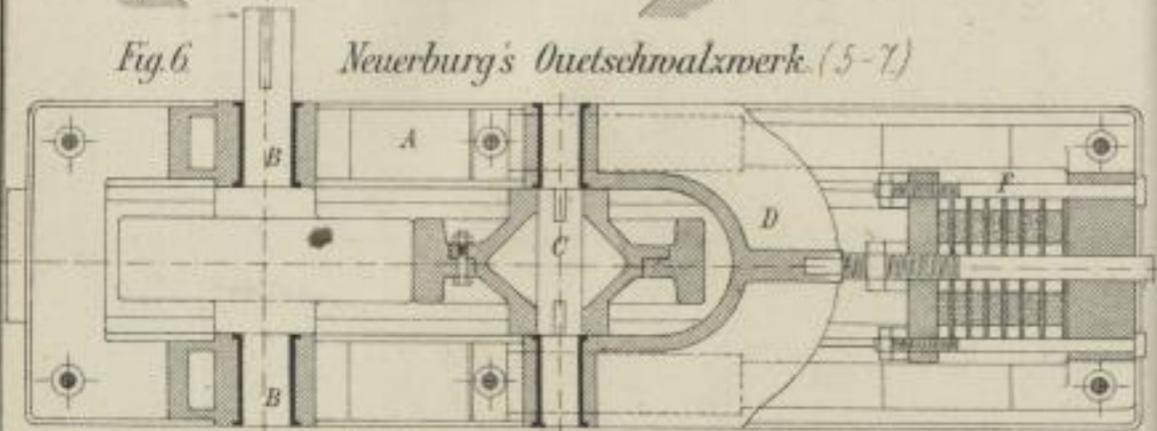
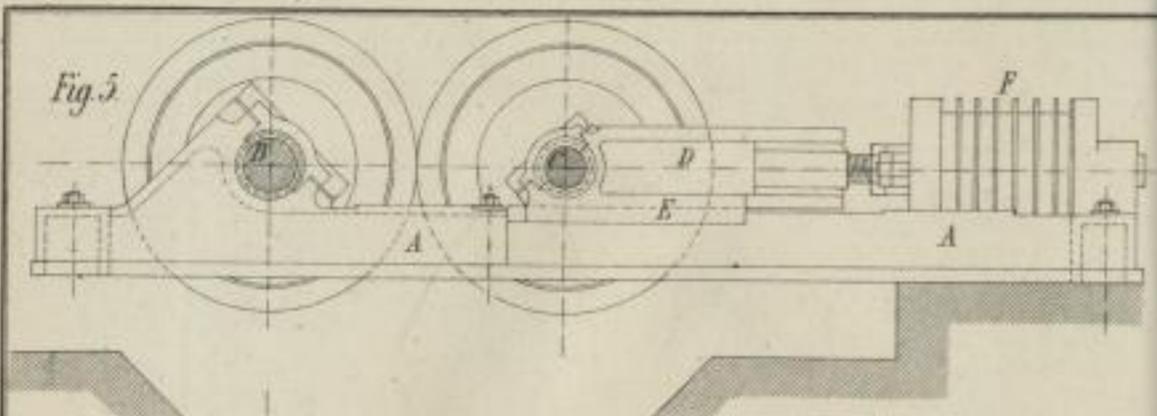


Fig. 5.



Lith. Anstalt v. Wittl, Darmstadt

Fig. 1. Plan der Pariser Weltausstellung 1878. (1)

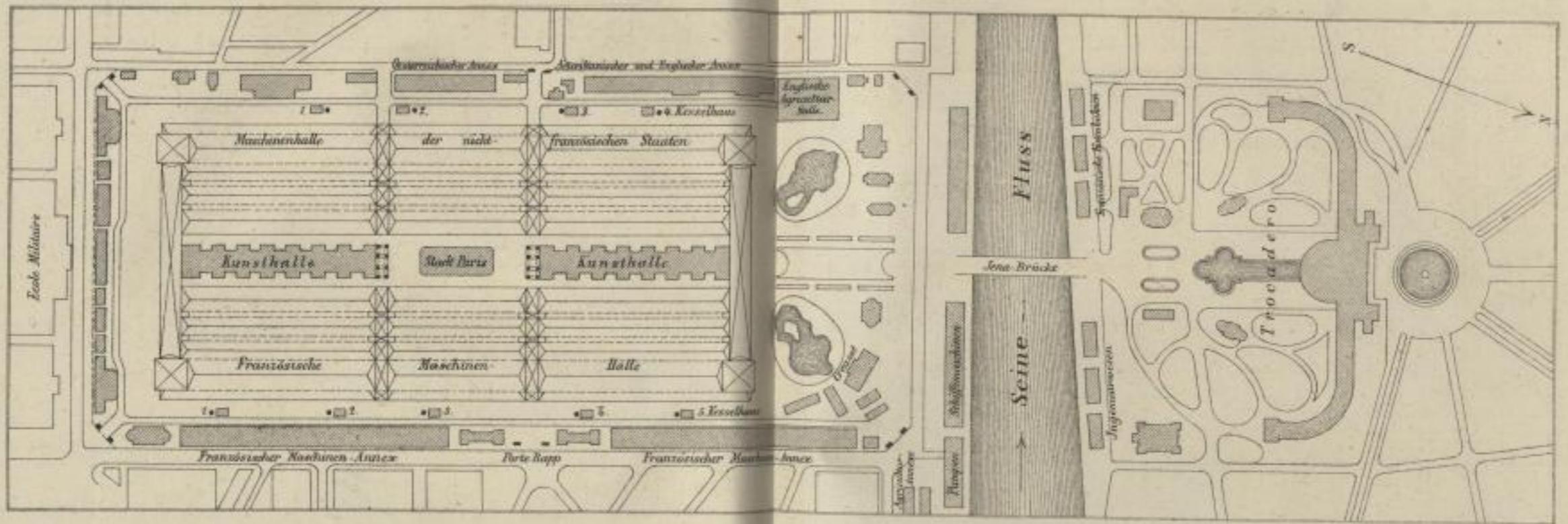


Fig. 2. Plan der Schneider'schen Werke zu Creusot. (2)

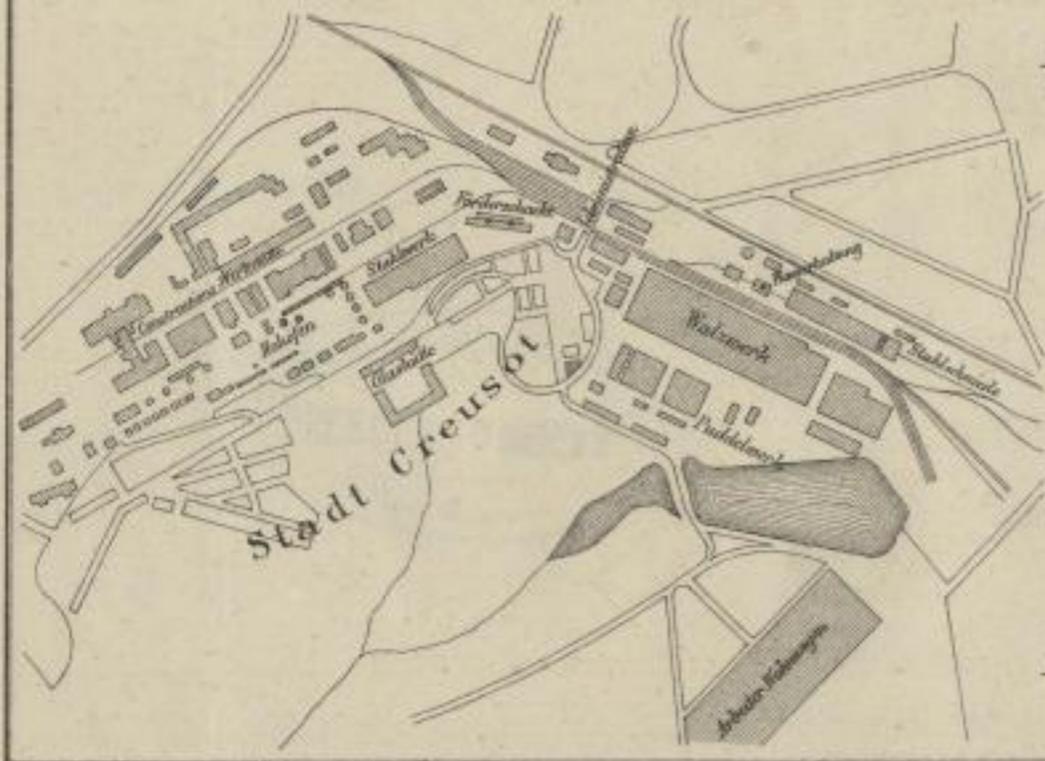
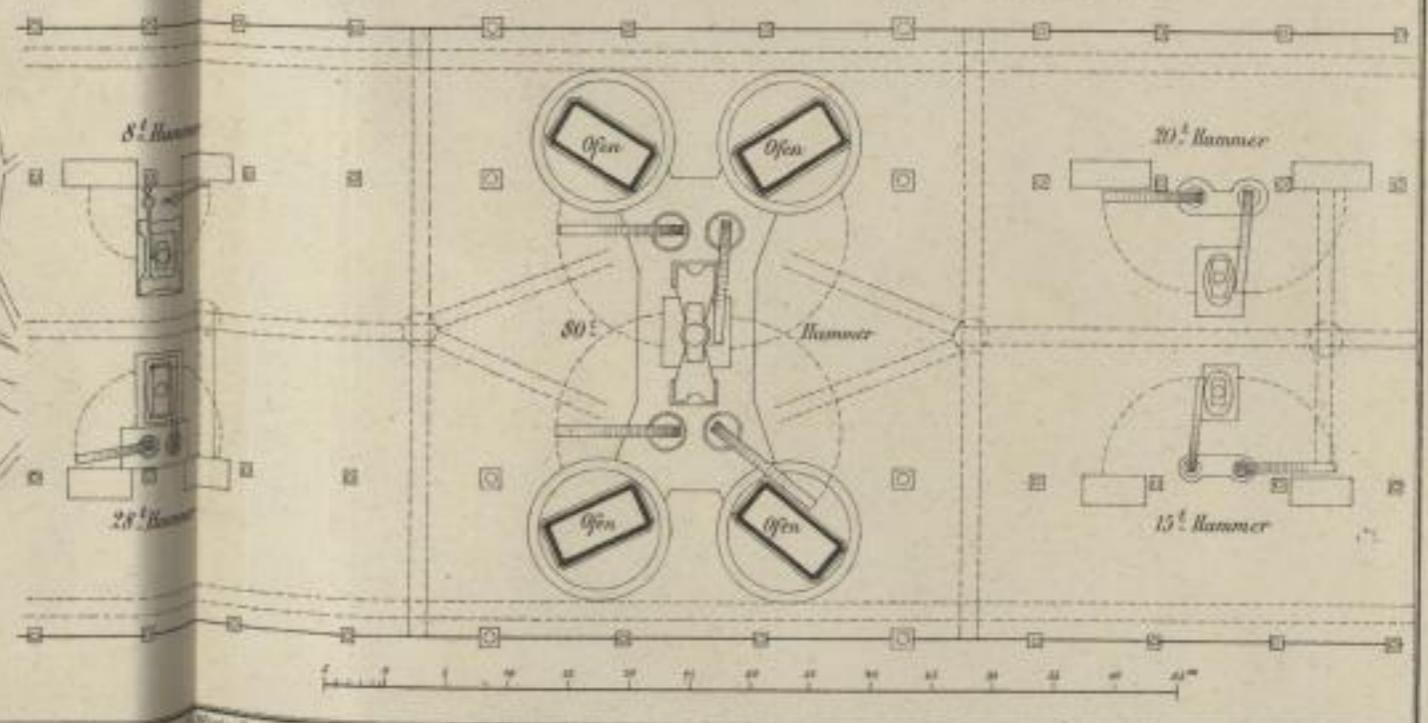


Fig. 3. Dampfhammer-Anlage von Schneider u. Comp. zu Creusot. (3)



Zuk. Ansicht von oben, Vermutlich



Dampfhammer-Anlage von Schneider und Comp. zu Creusot.  
Siemens'sche Regenerativöfen  
(Vgl. auch Tafel 31.)

Fig. 1.

Vorderansicht.

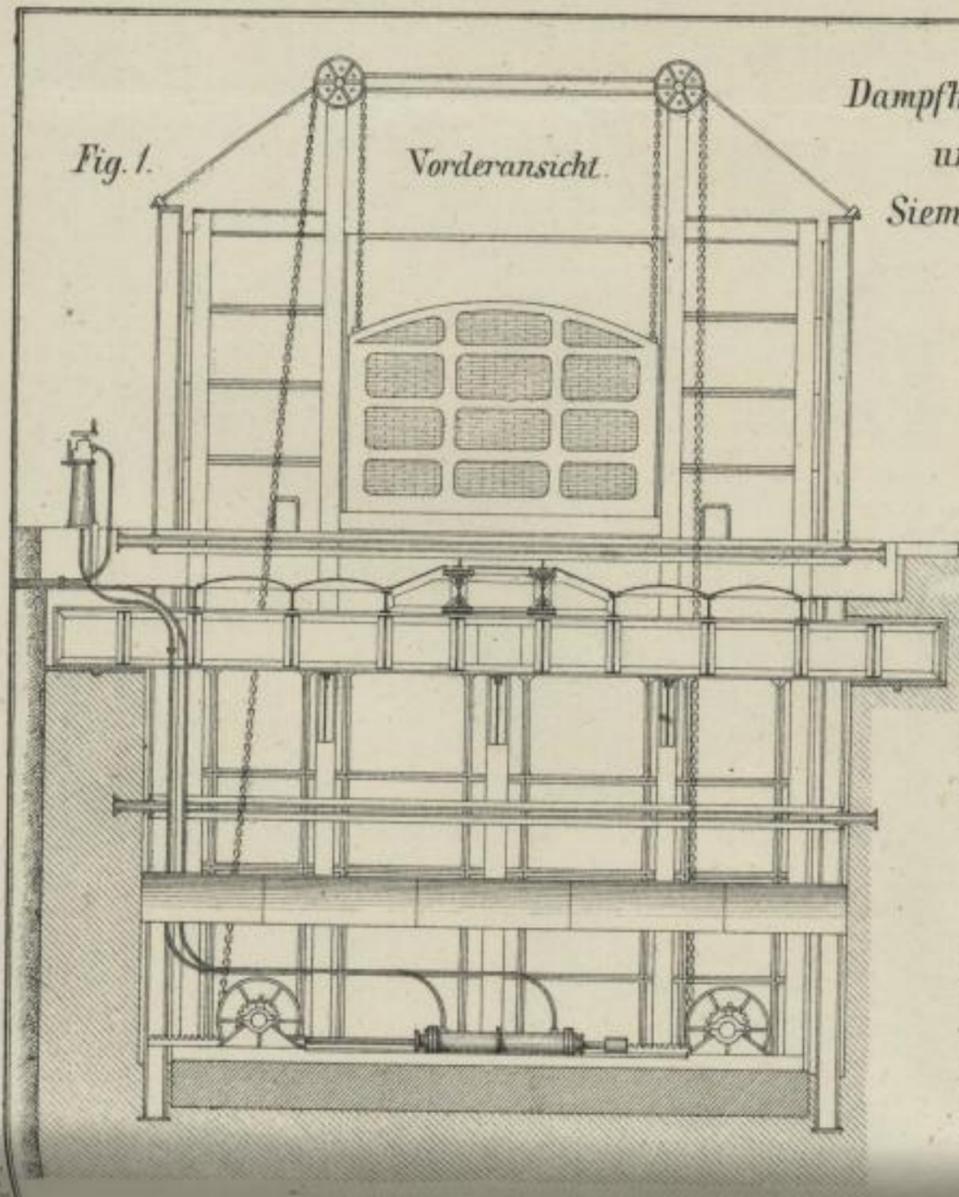


Fig. 2.

Querschnitt

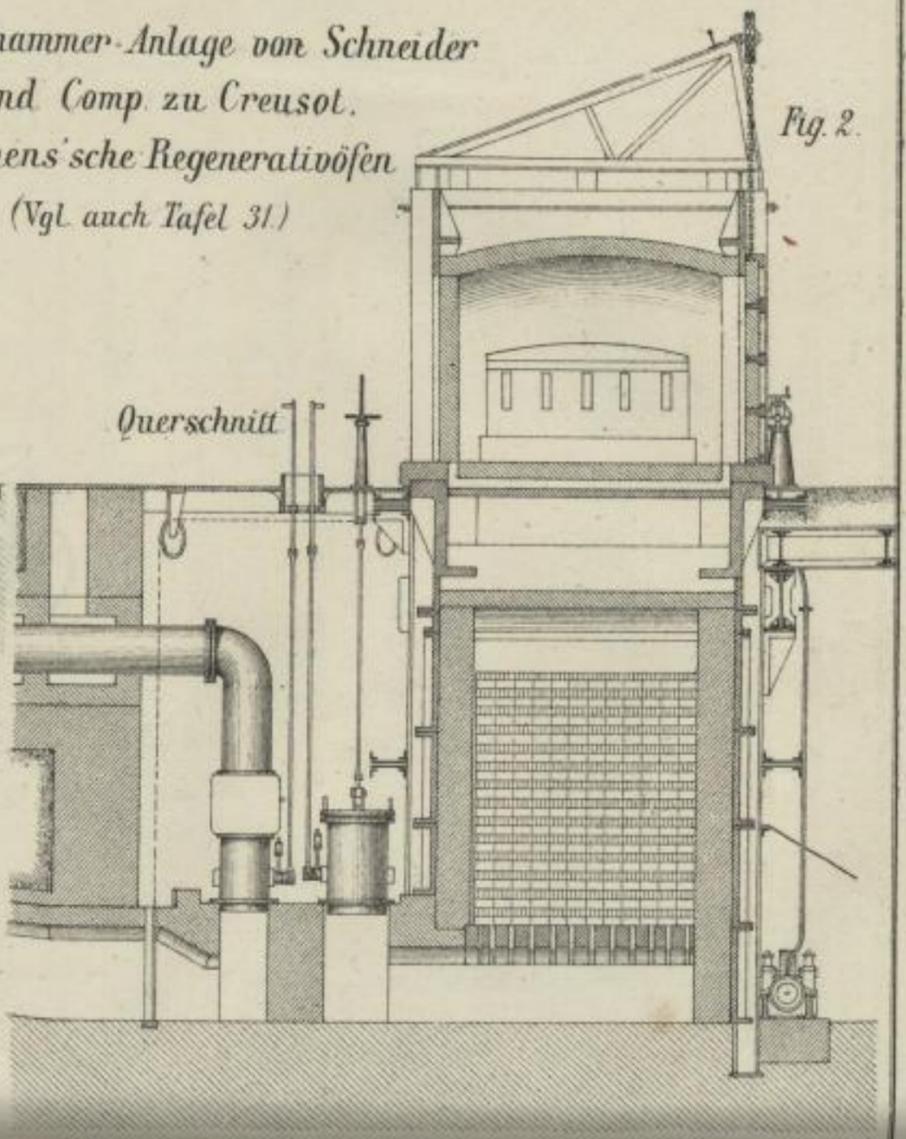


Fig. 3.

Grundriss.

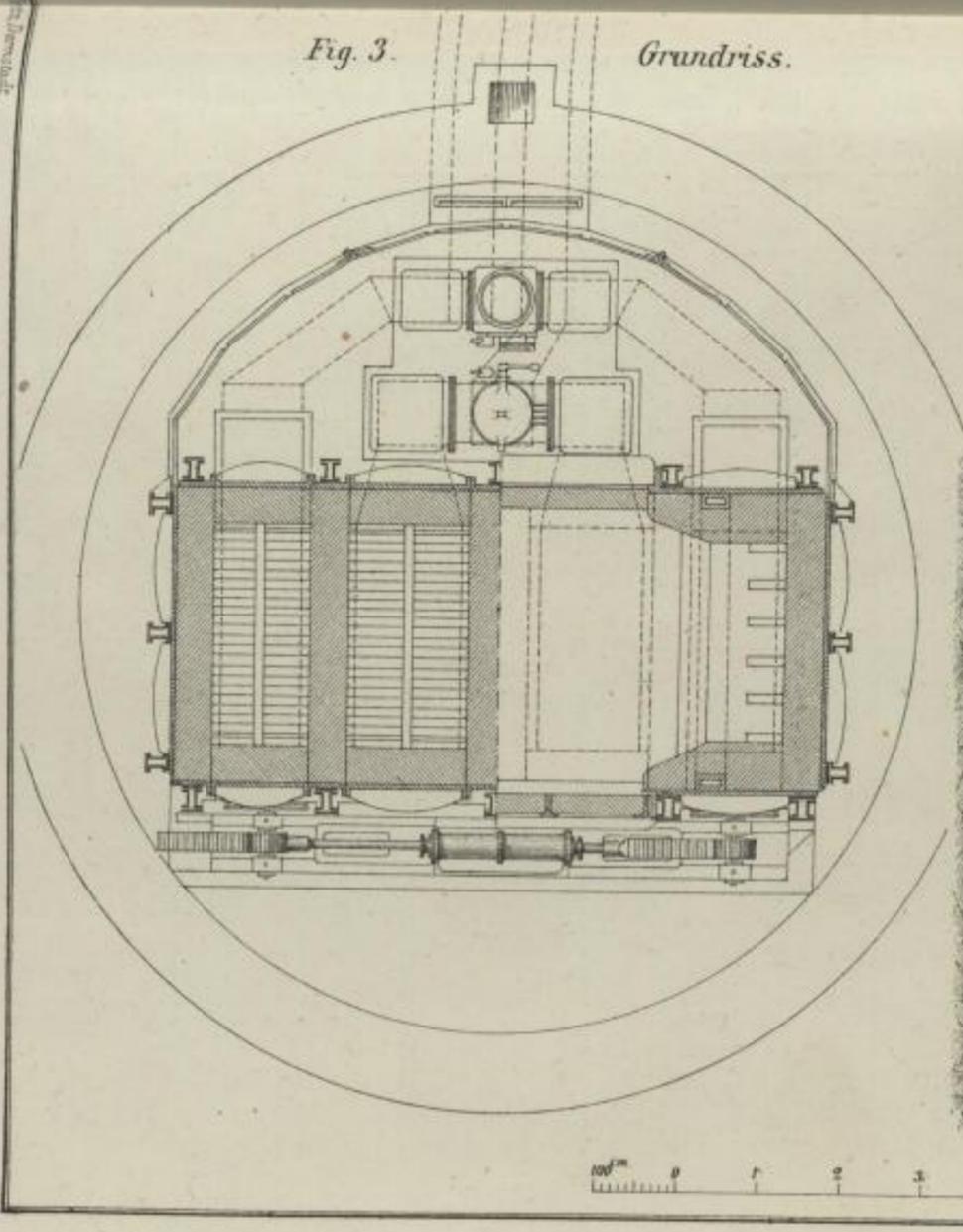
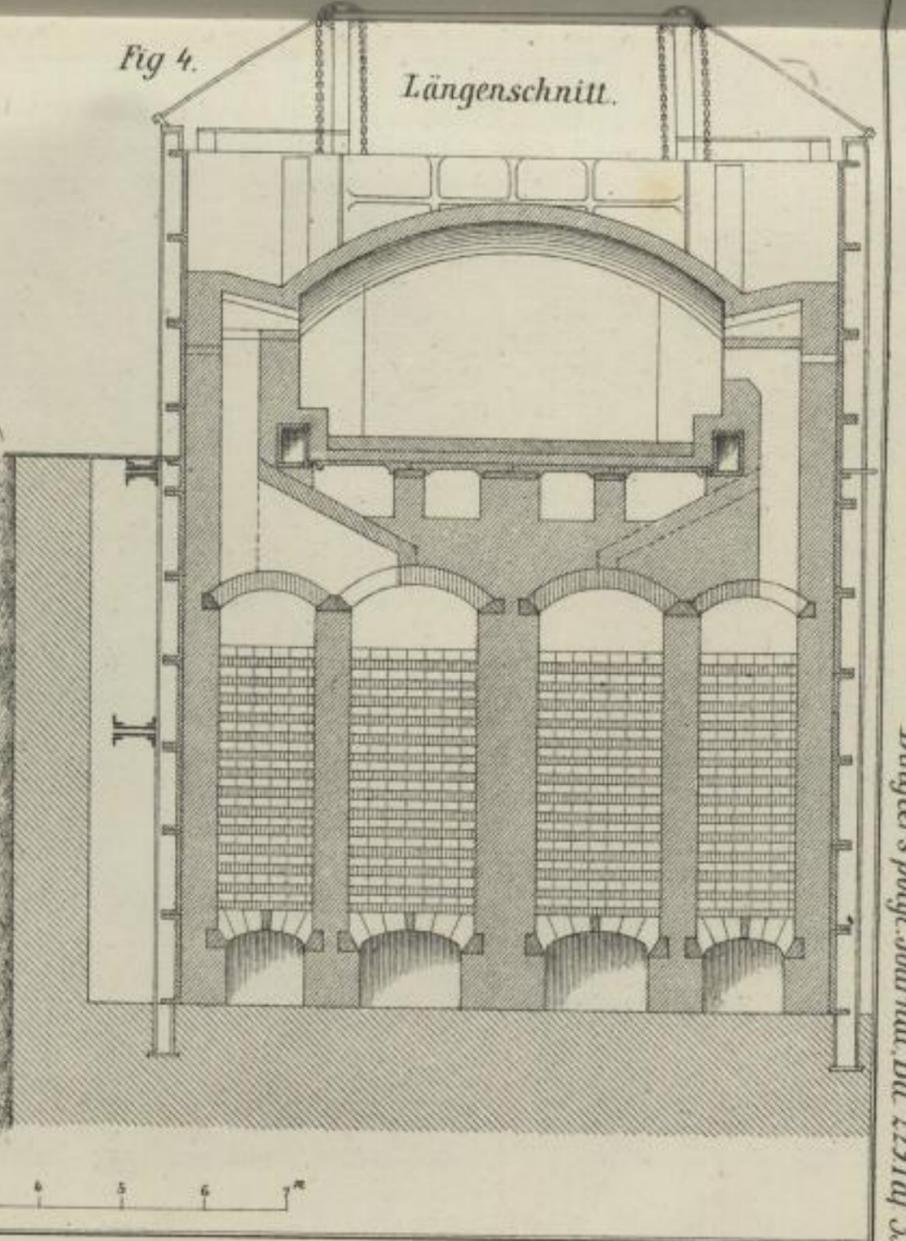


Fig. 4.

Längenschnitt.



Voith's Aufspannwelle für Papierrollen.

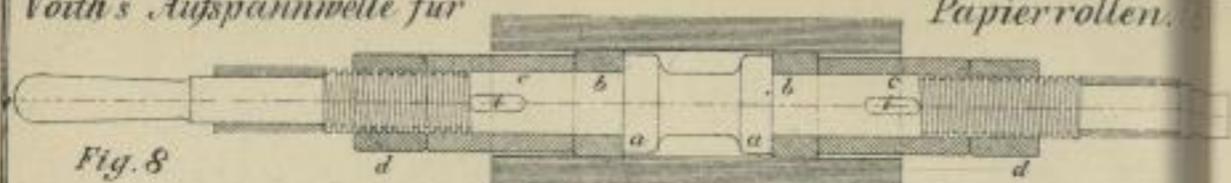
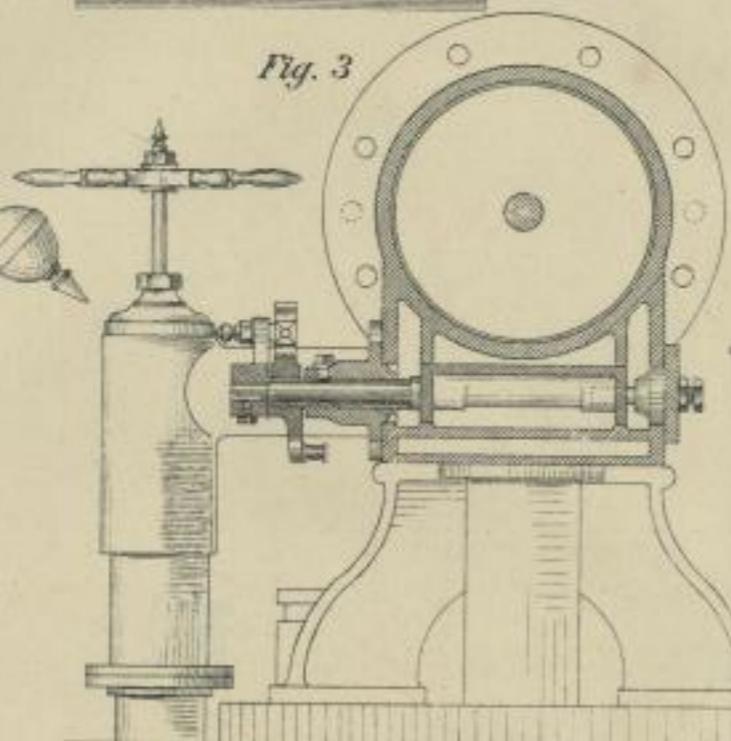


Fig. 8

Papierrollen.

Fig. 3



Wheelock's Dampfmaschine. (1-3)

1/2 n. Gr.

Fig. 2

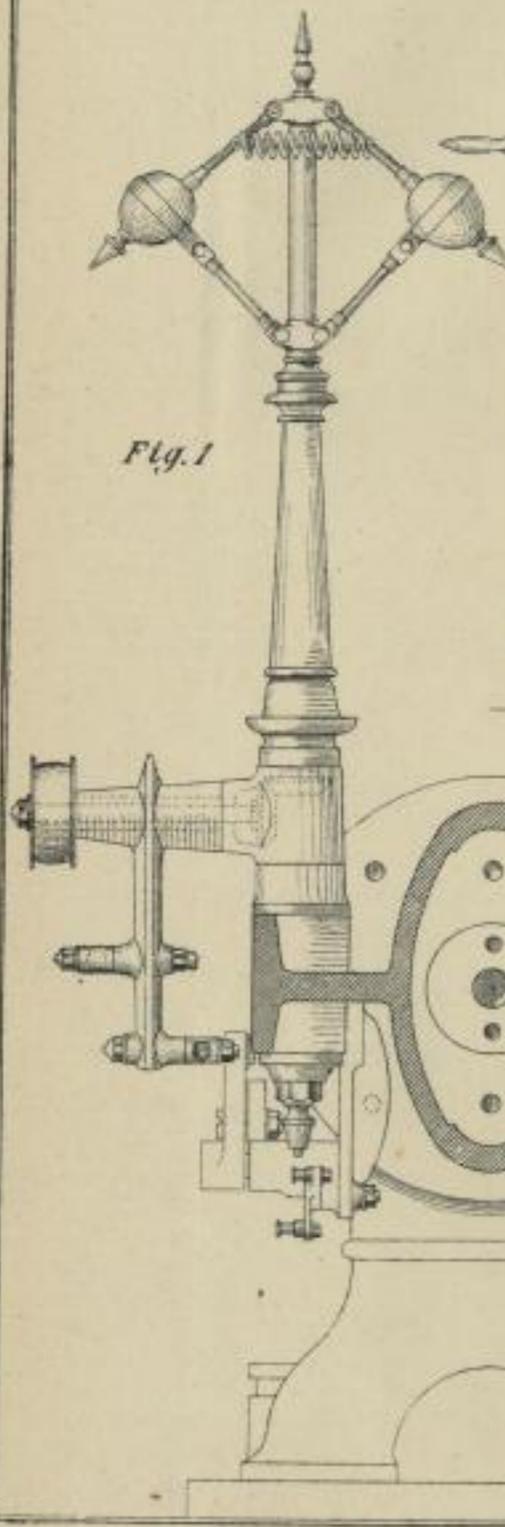
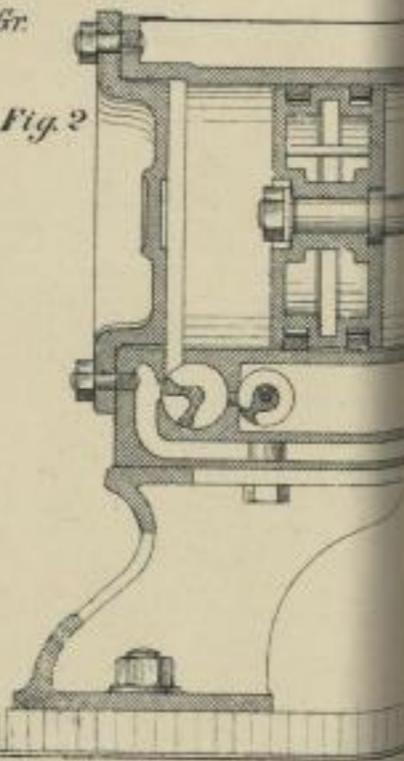


Fig. 1

Bennie's Kielblech-Biegmachine. (5-7)

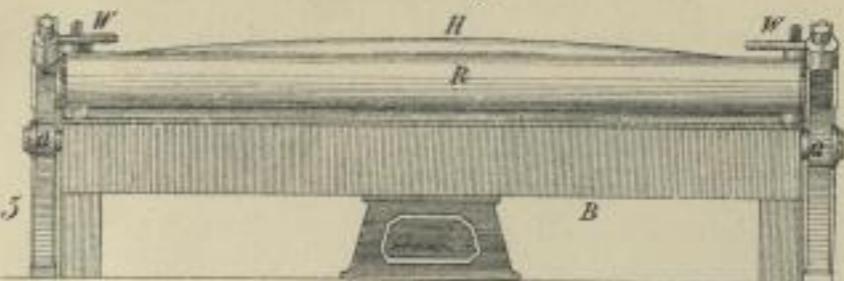
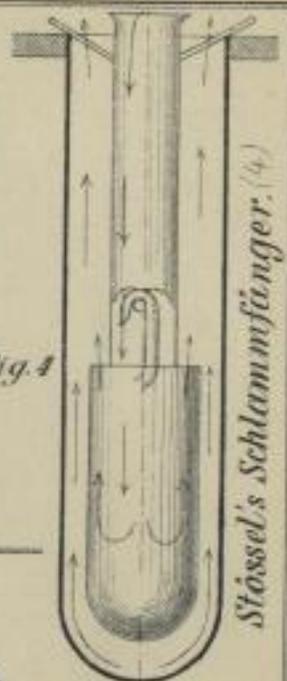


Fig. 5

Fig. 4



Stössel's Schlammfänger. (4)

Fig. 6

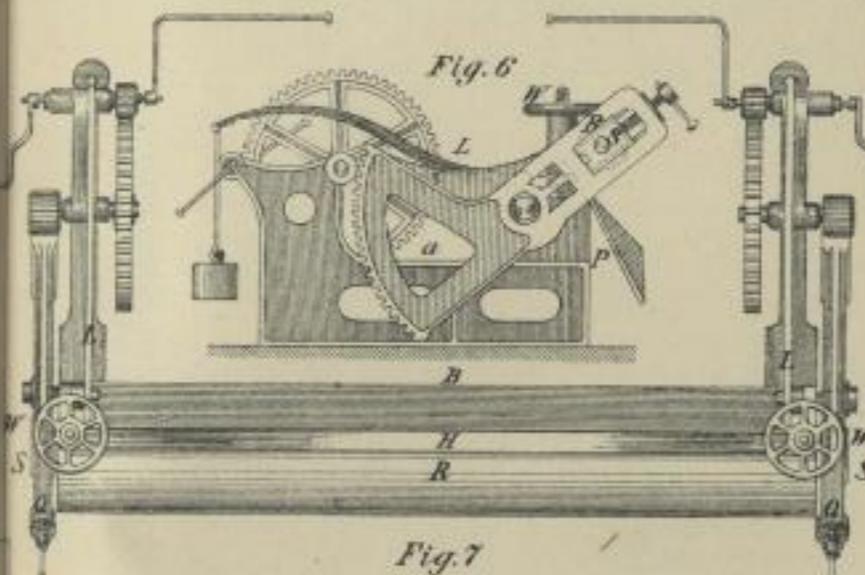


Fig. 7

Neuerburg's Kohlen-Verladetrichter. (9 u. 10)

(9 u. 10)

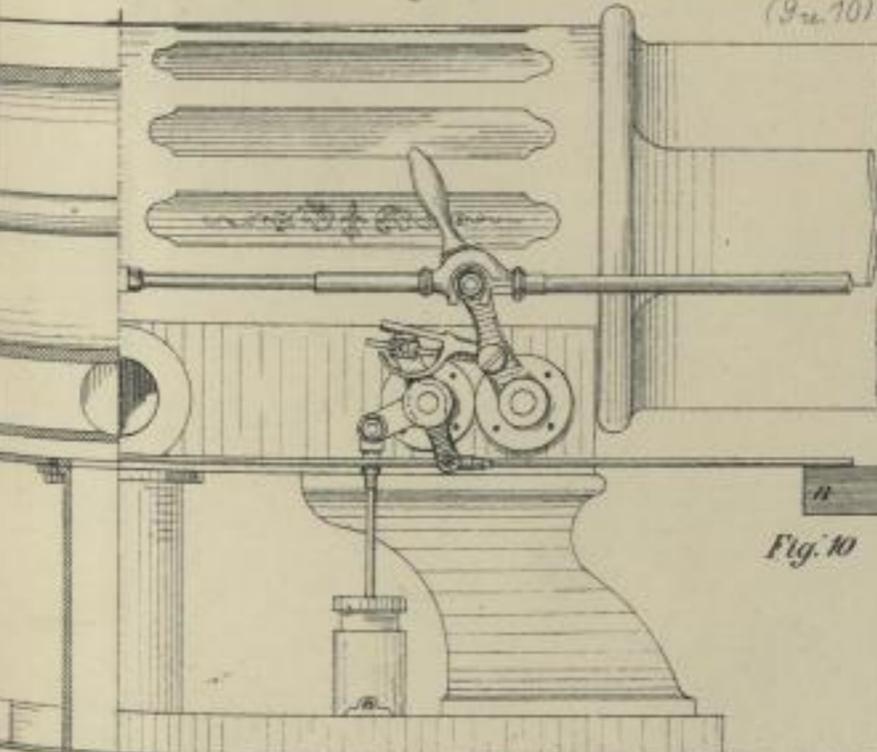
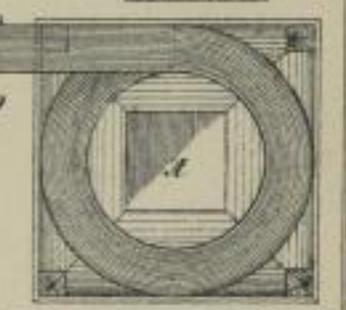


Fig. 9

Fig. 10



Burr's Baumwollpresse. (6-9)

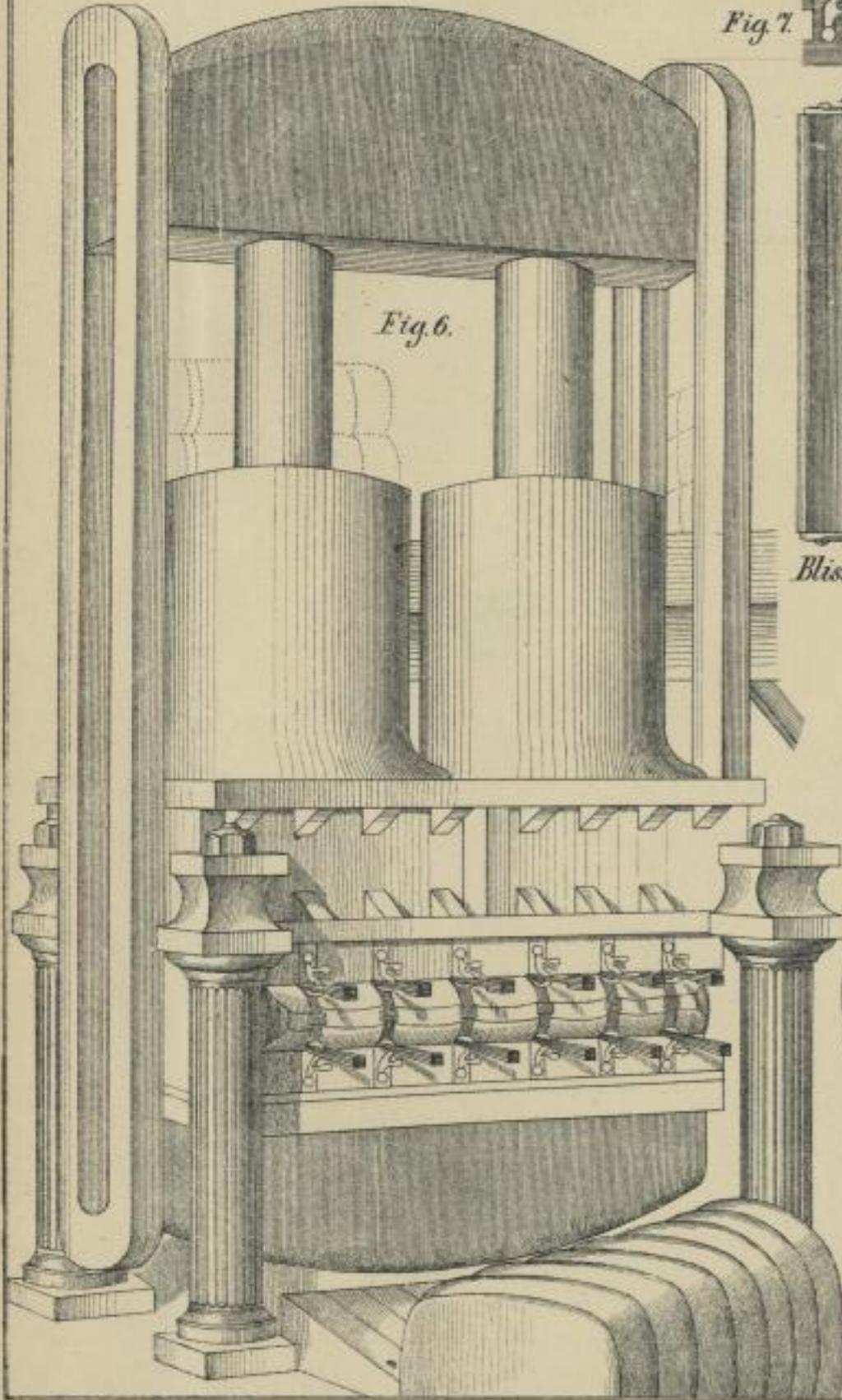
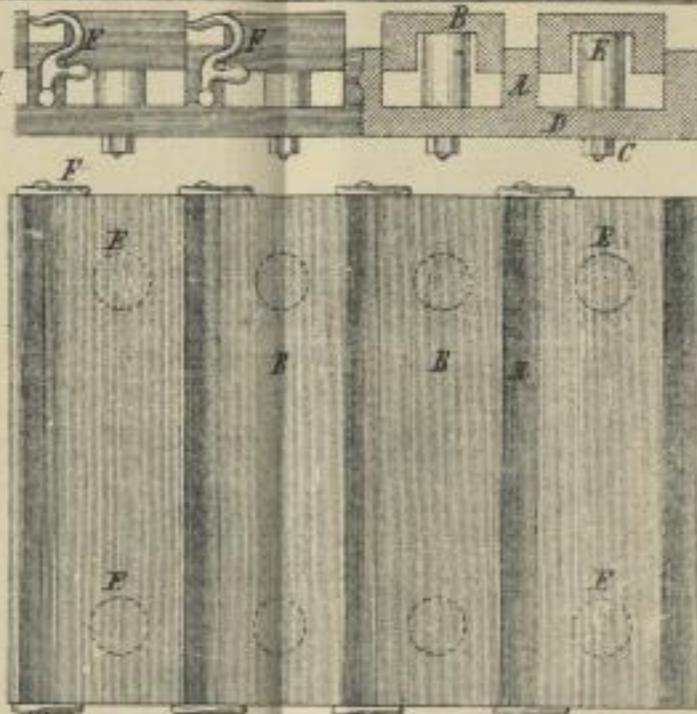


Fig. 6.

Fig. 7.



Bliss und Williams' Blechbüchsen-Press. (3 u. 4)

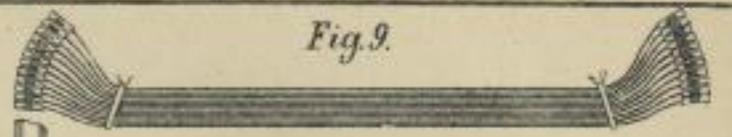
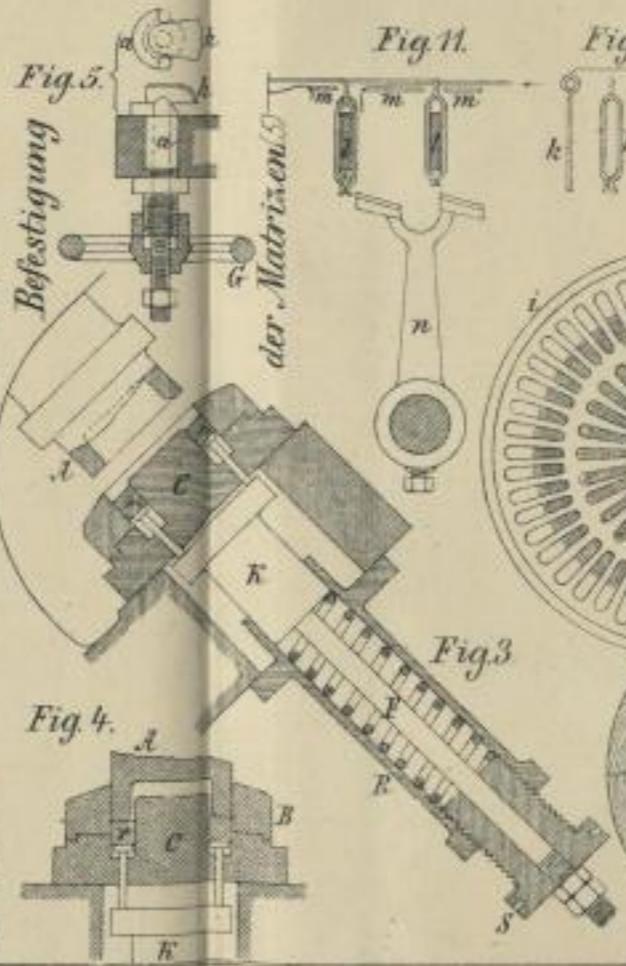


Fig. 9.

Röhrenverbindung bei Accumulatoren. (1 u. 2)

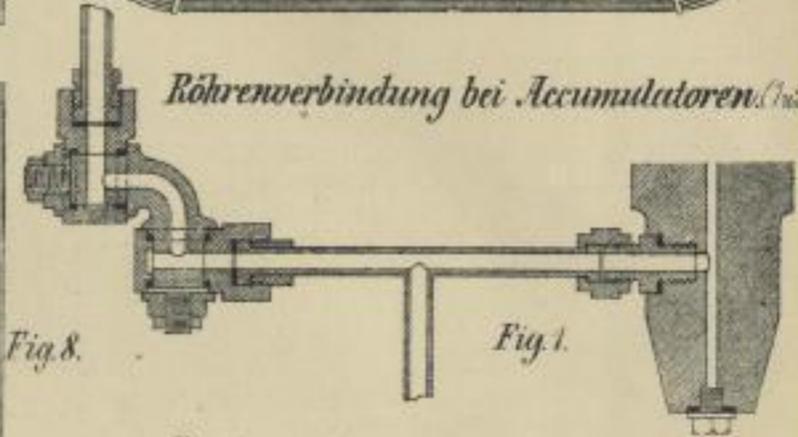


Fig. 1.

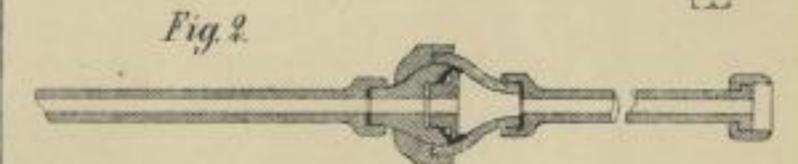


Fig. 2.

Mather und Rosseter's Schermaschine. (10-12)

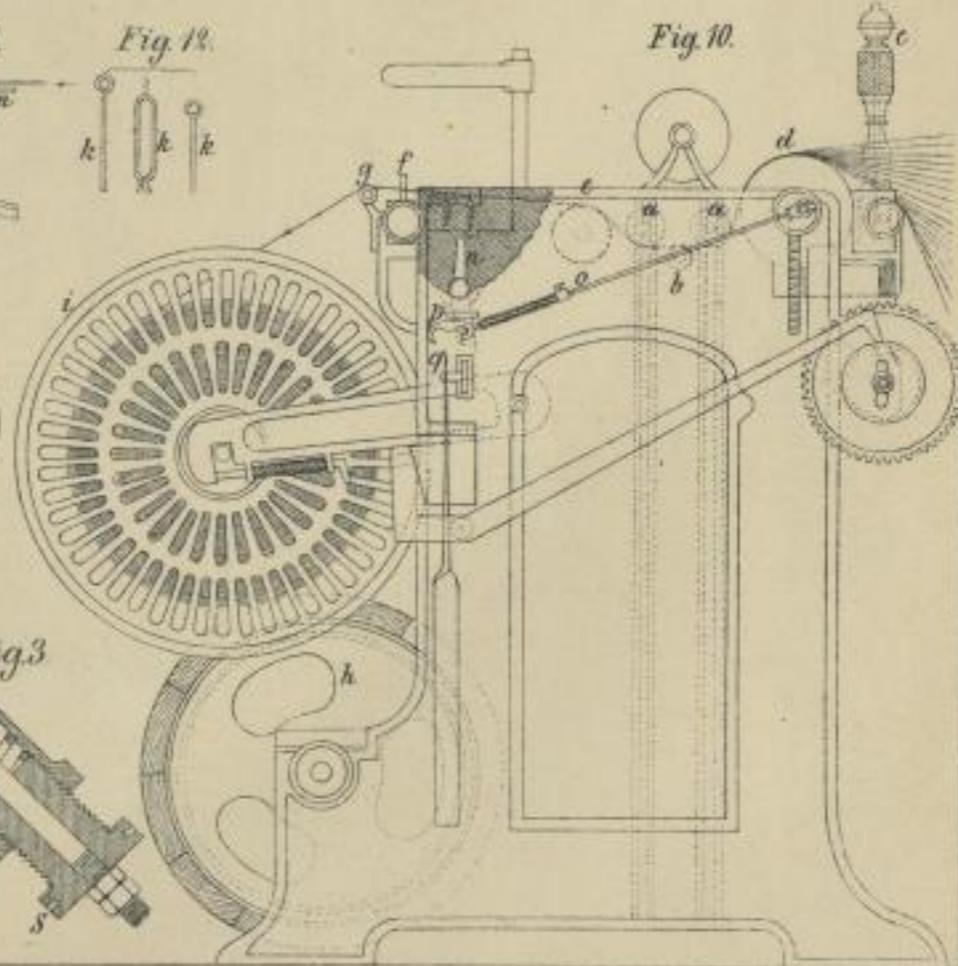
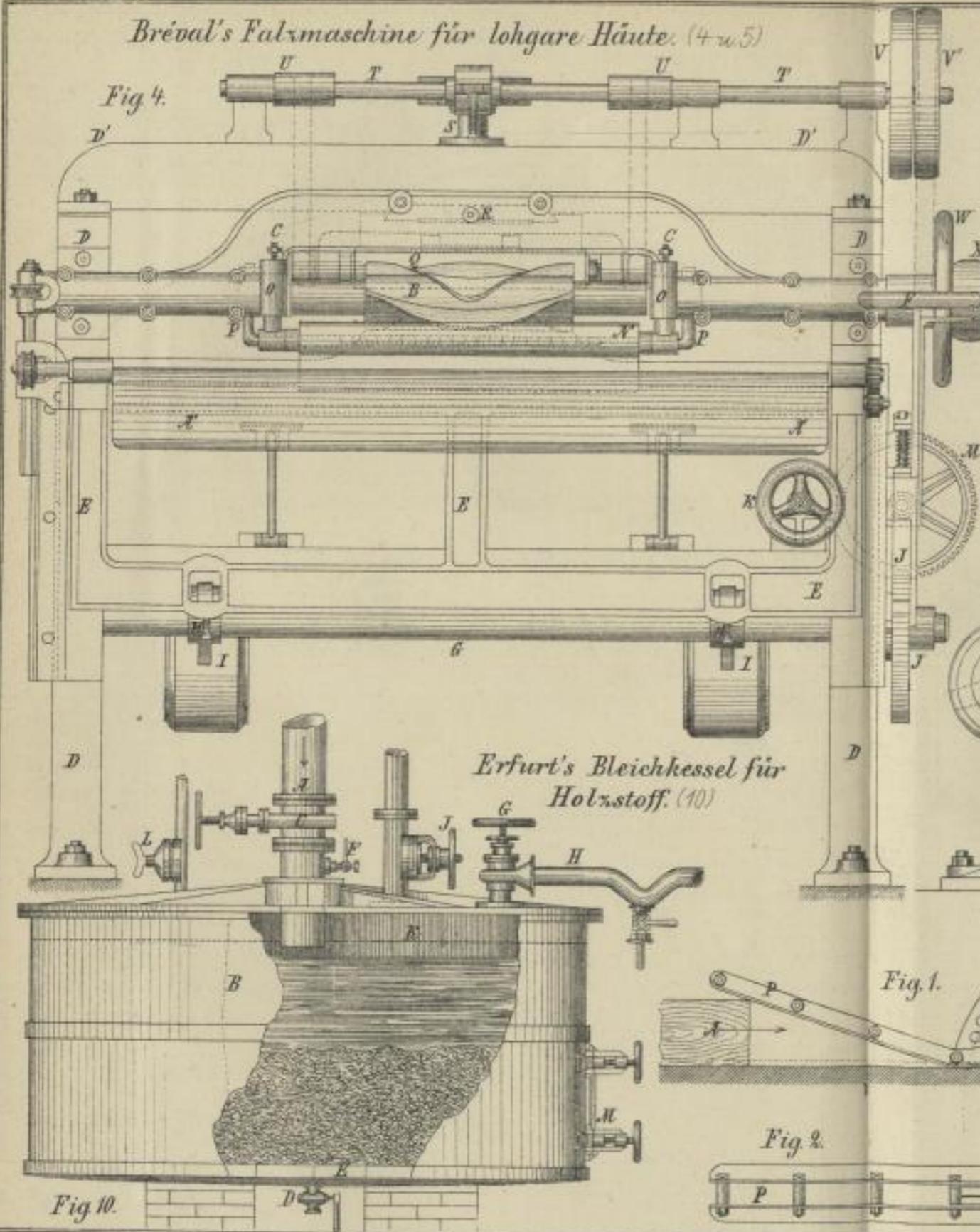
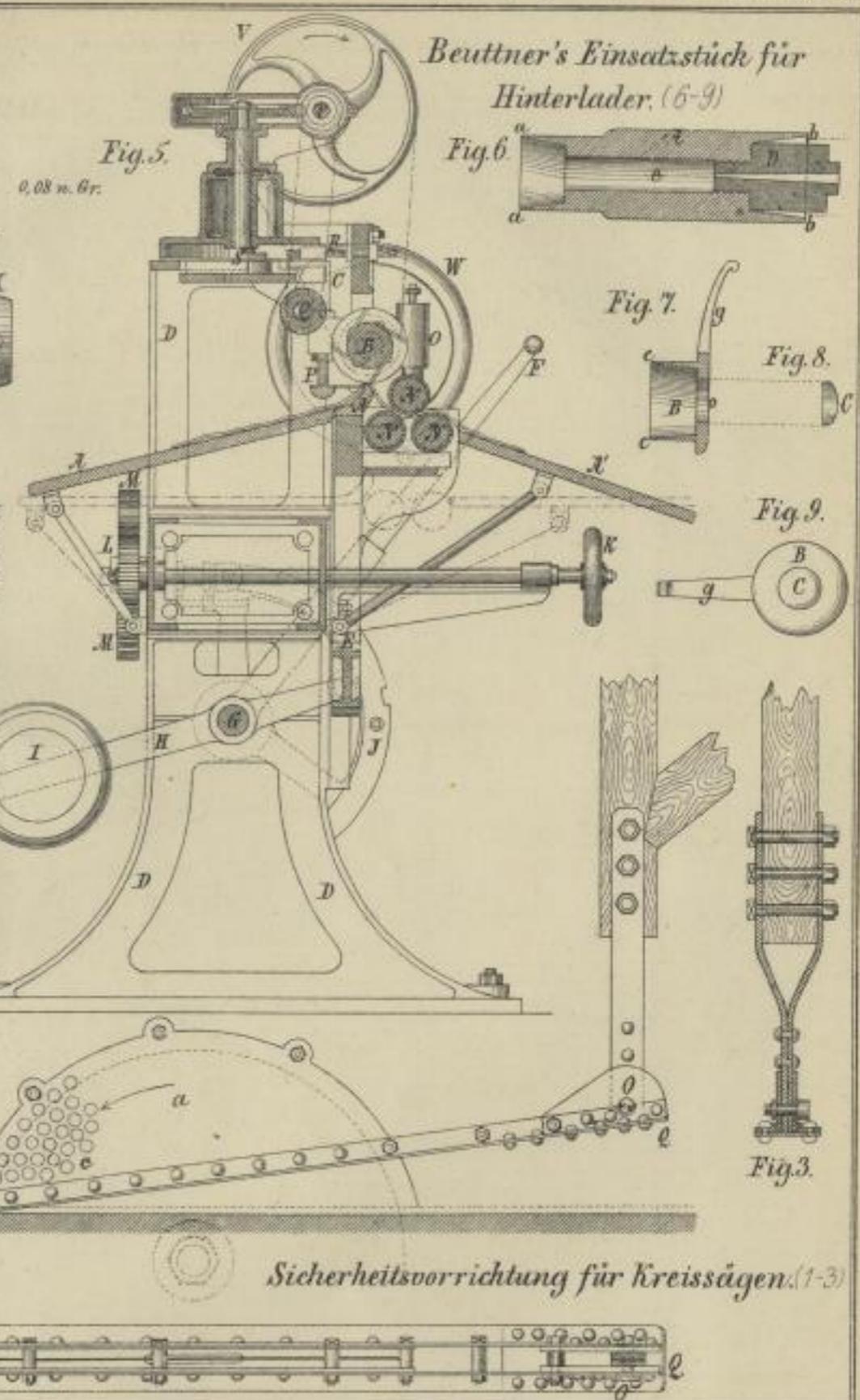


Fig. 10.

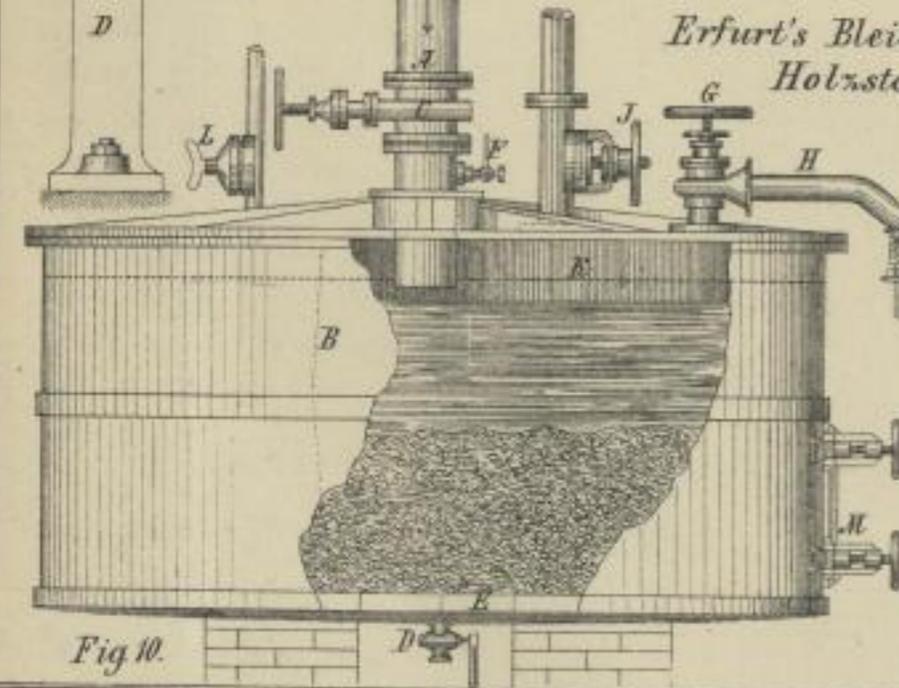
Bréval's Falzmaschine für lohgare Häute. (4 u. 5)



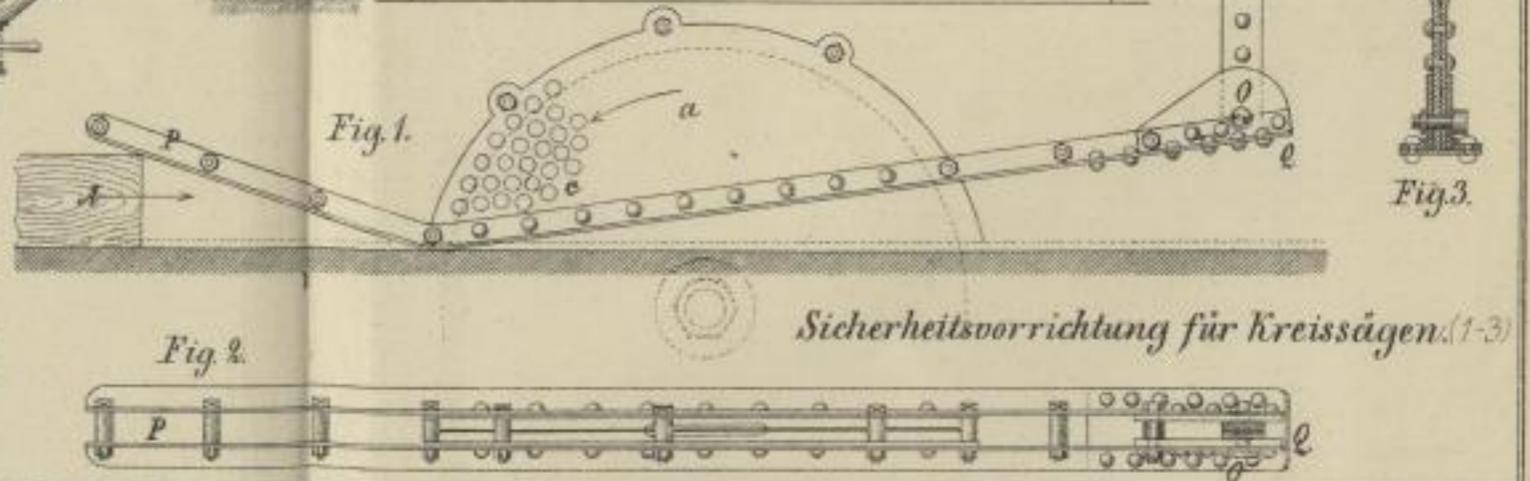
Beuttner's Einsatzstück für Hinterlader. (6-9)



Erfurt's Bleichkessel für Holzstoff. (10)



Sicherheitsvorrichtung für Kreissägen. (1-3)



Apparat zur Erweiterung von Siederöhrenden. (1 u. 2)

Fig. 9.

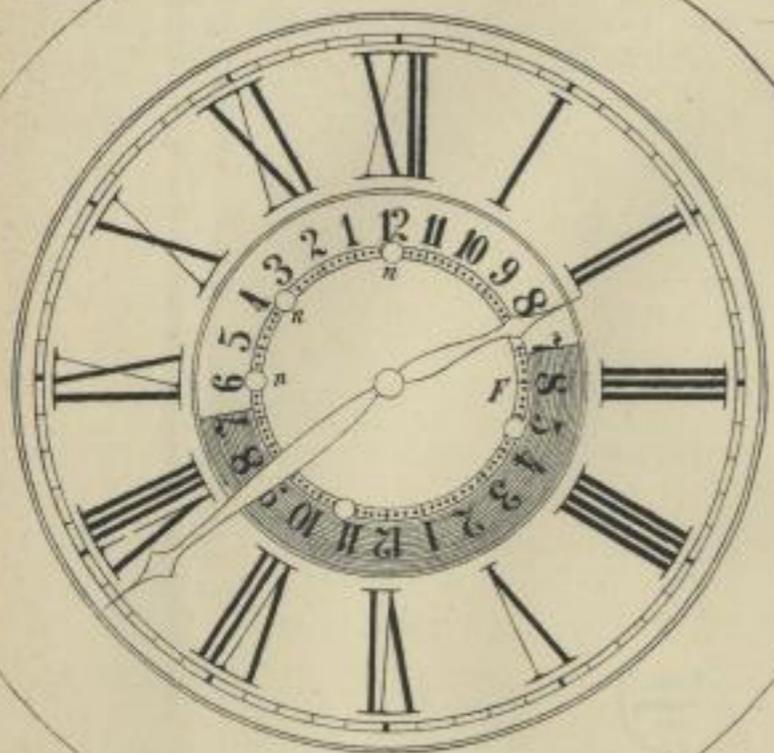


Fig. 1

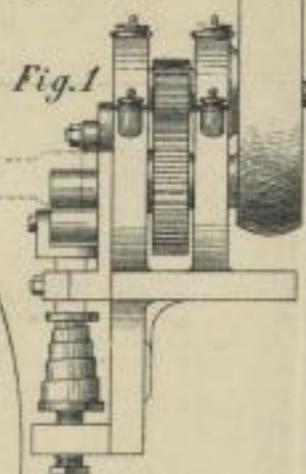


Fig. 7

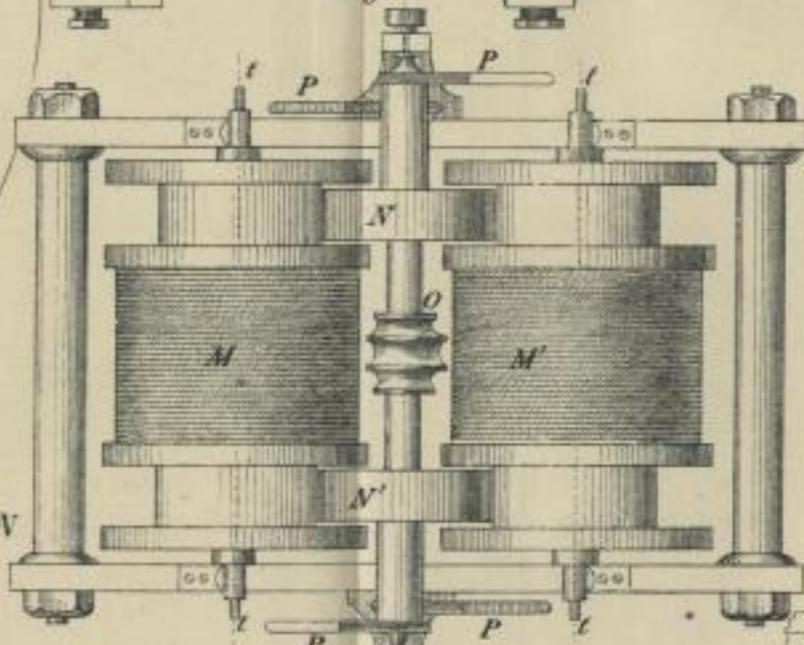


Fig. 2

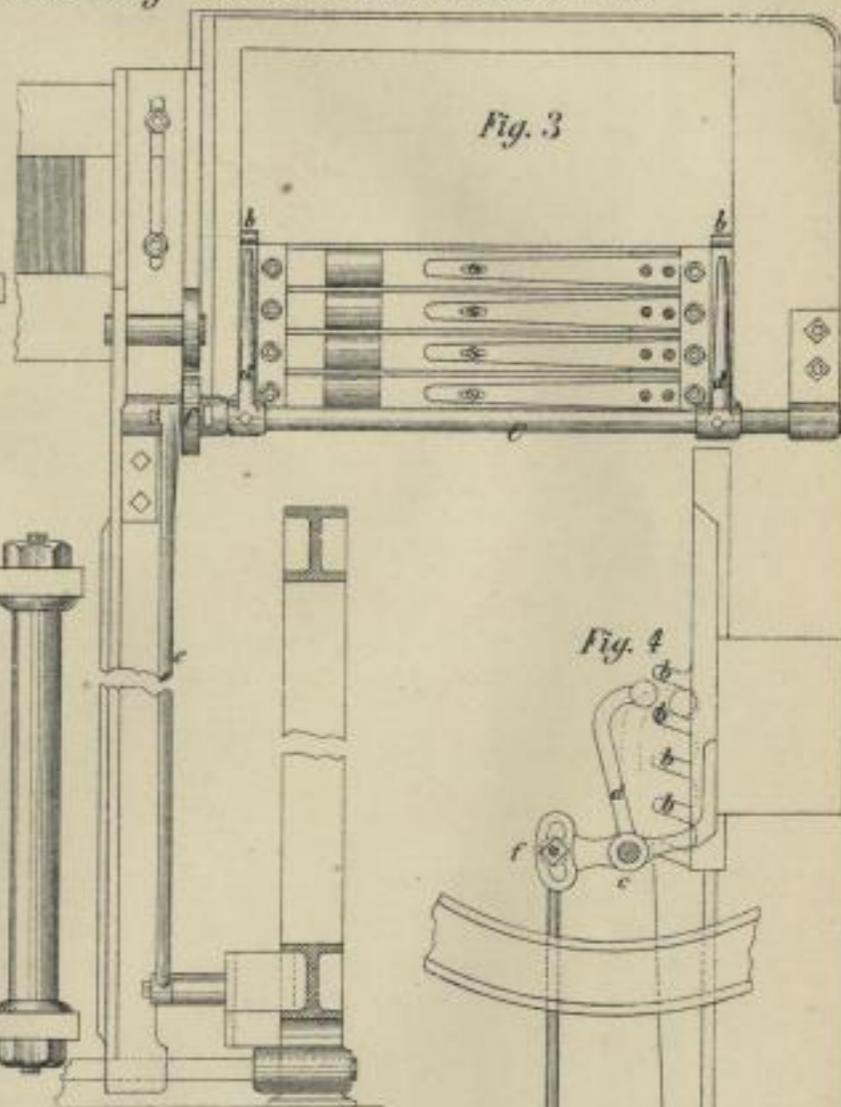
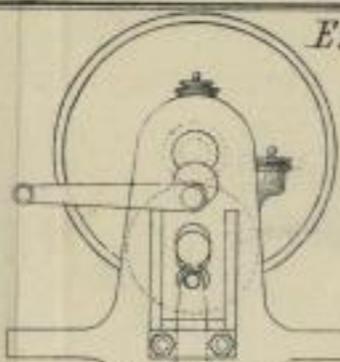


Fig. 3

Fig. 4

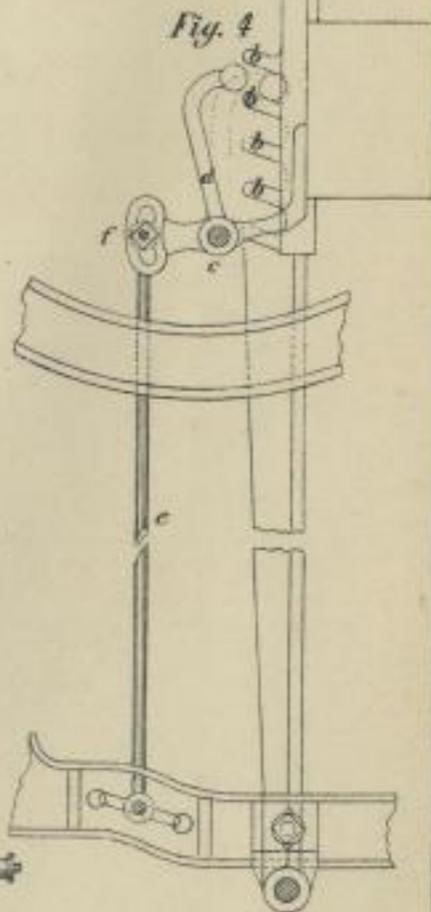


Fig. 8

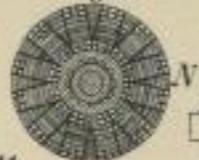


Fig. 10

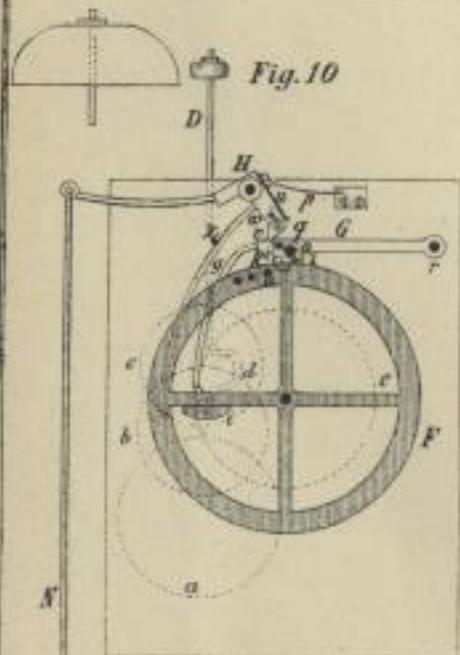


Fig. 11

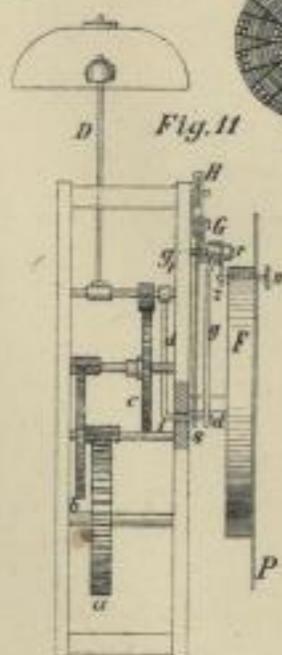


Fig. 12

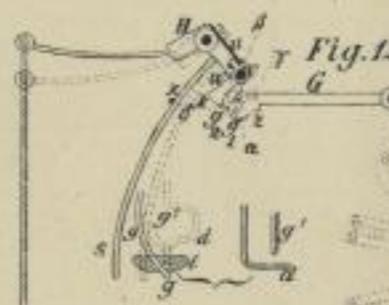


Fig. 13

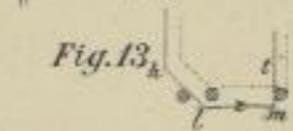


Fig. 5

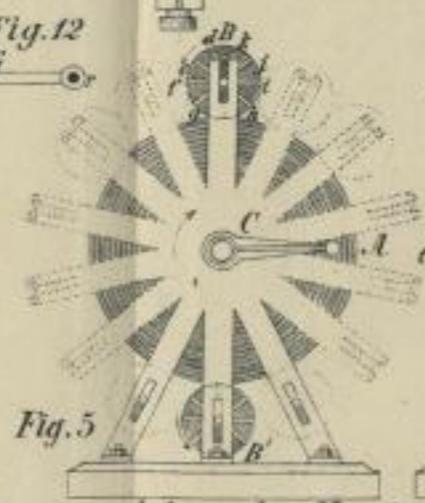
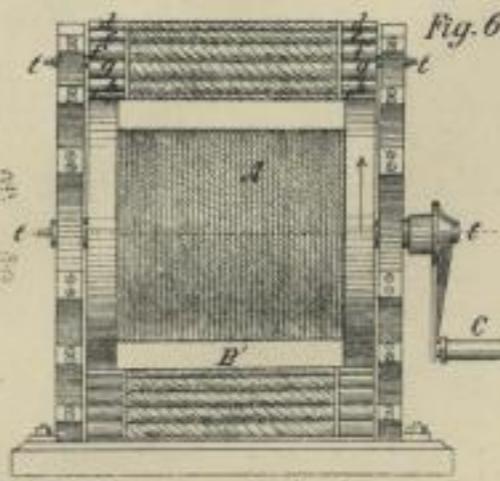


Fig. 6



Hummel's Universal-Weckeruhr. (9-13)

Trouvé's dynamo-elektrische Maschine. (5-8)

Sicherheitsvorrichtung für Webstühle. (3 u. 4)

Thofer's Petroleumlampe für Eisenbahnen. (8)

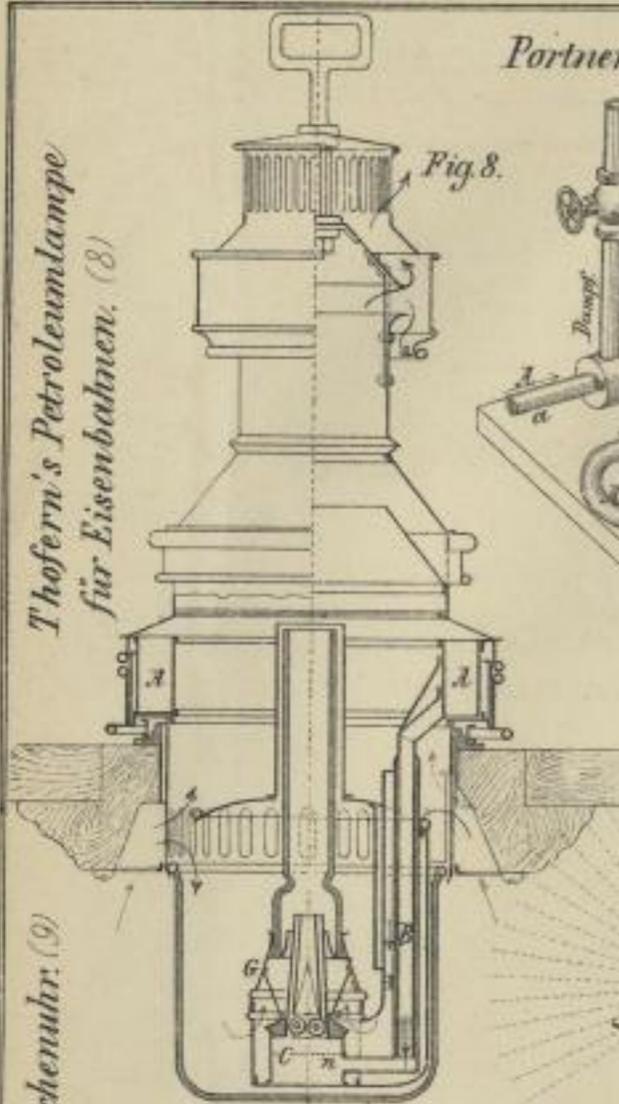


Fig. 8.

Portner's Apparat zum Pasteurisiren des Bieres. (6 u. 7)

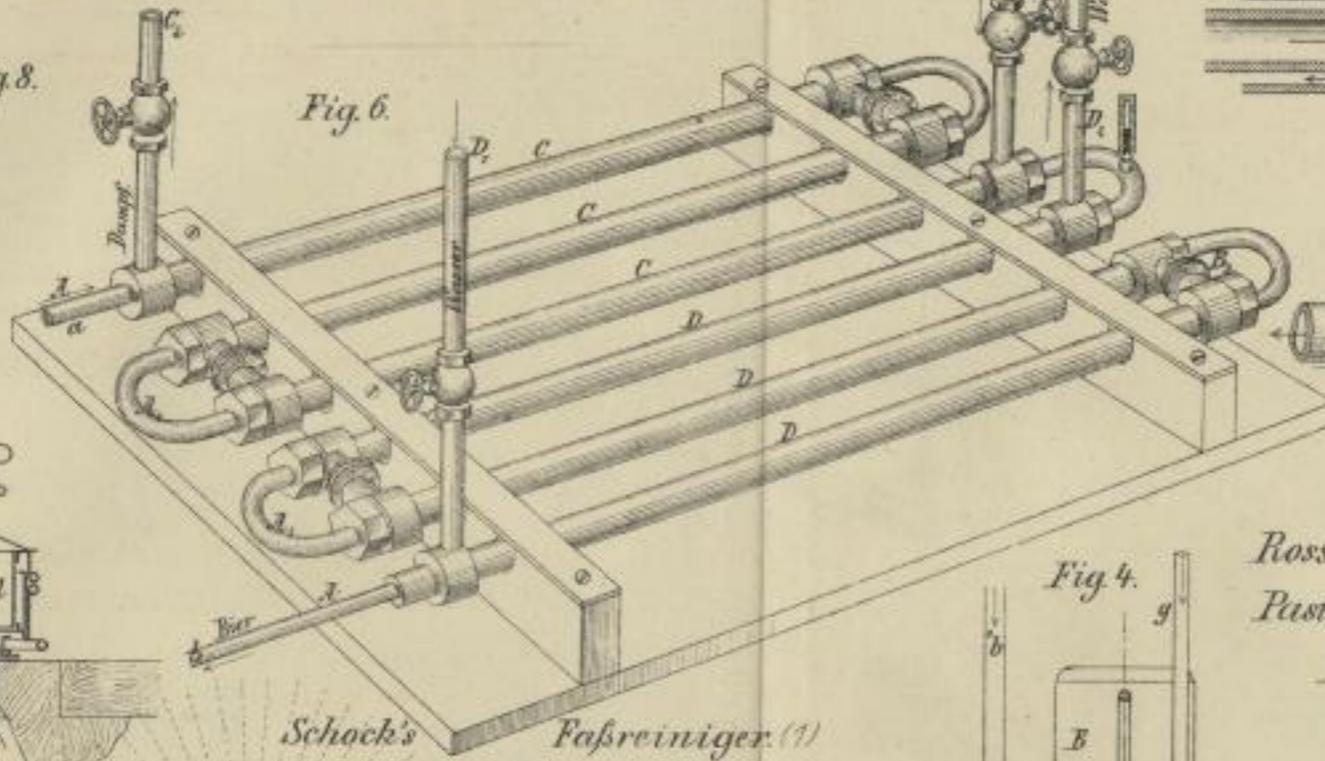


Fig. 6.

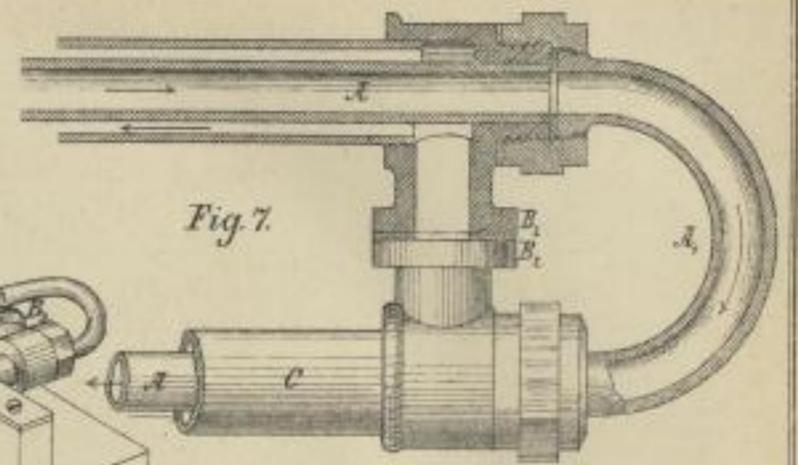


Fig. 7.

Schock's Faszreiniger. (1)

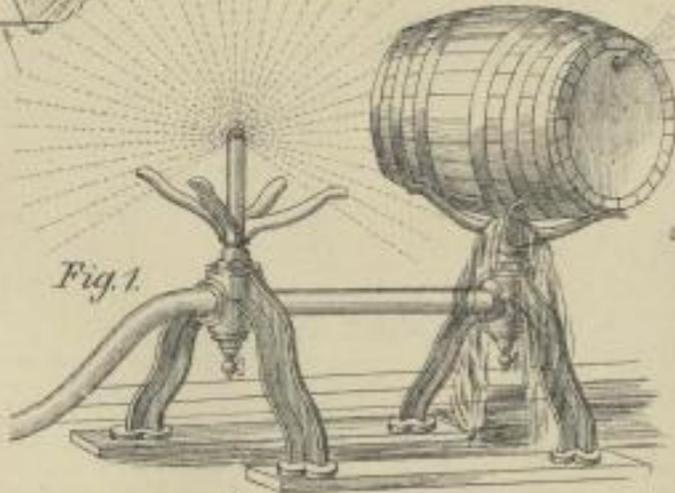


Fig. 1.

Ross' Apparat zum Pasteurisiren des Bieres. (2-5)

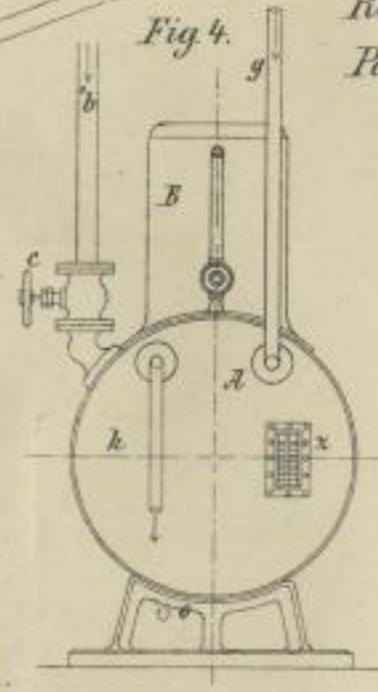


Fig. 4.

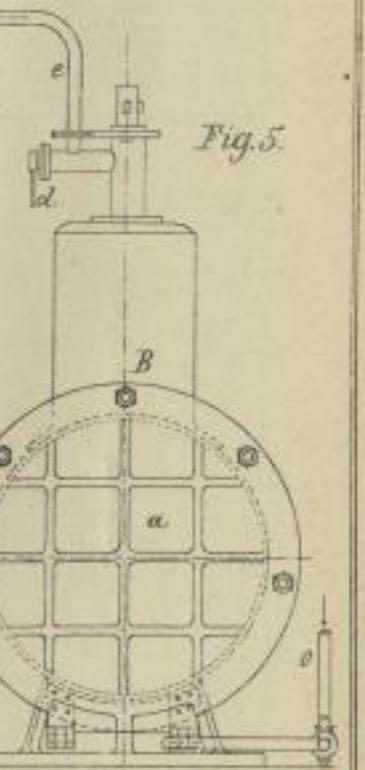


Fig. 5.

v. Löhr's selbstaufziehende Taschenuhr. (9)

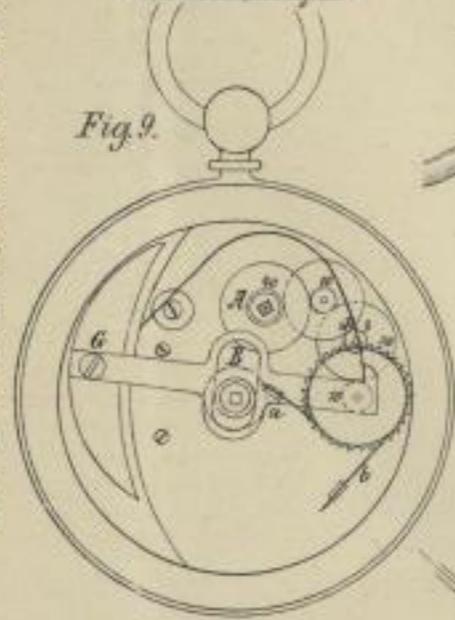


Fig. 9.

Fig. 2.

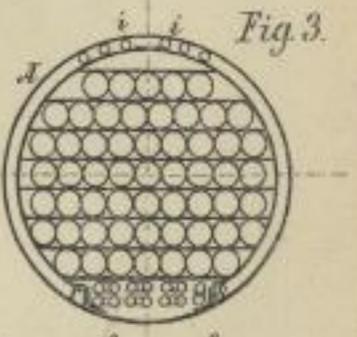
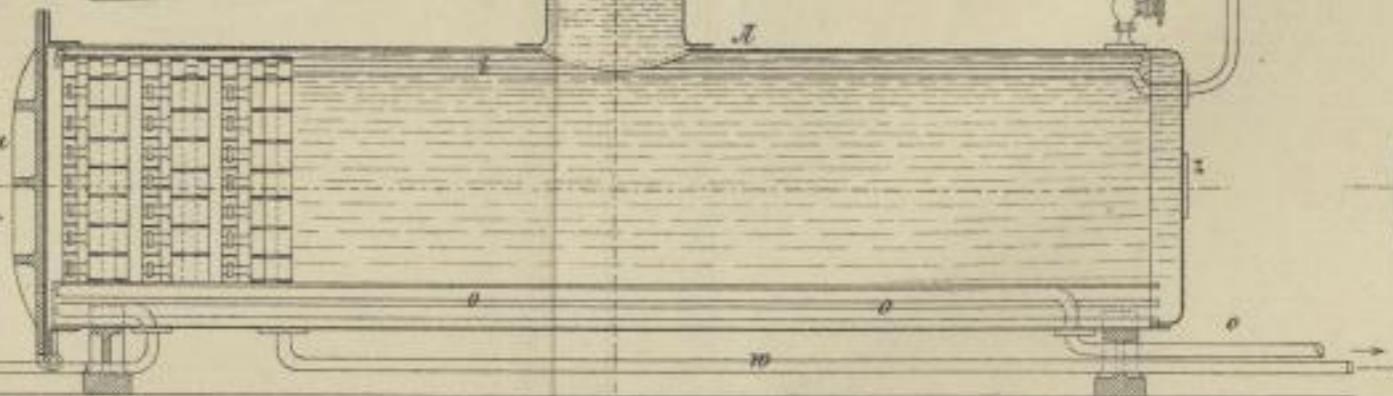
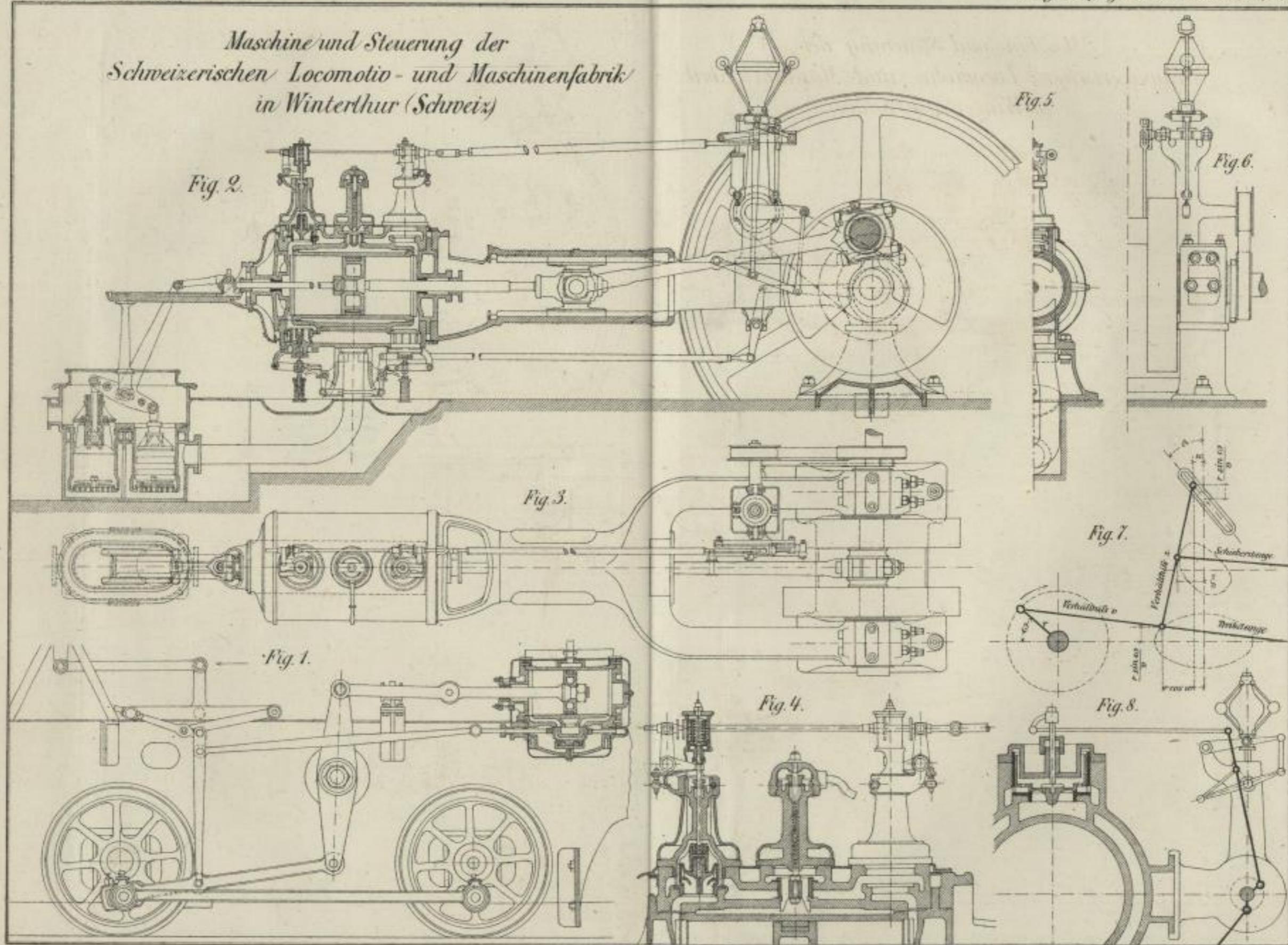
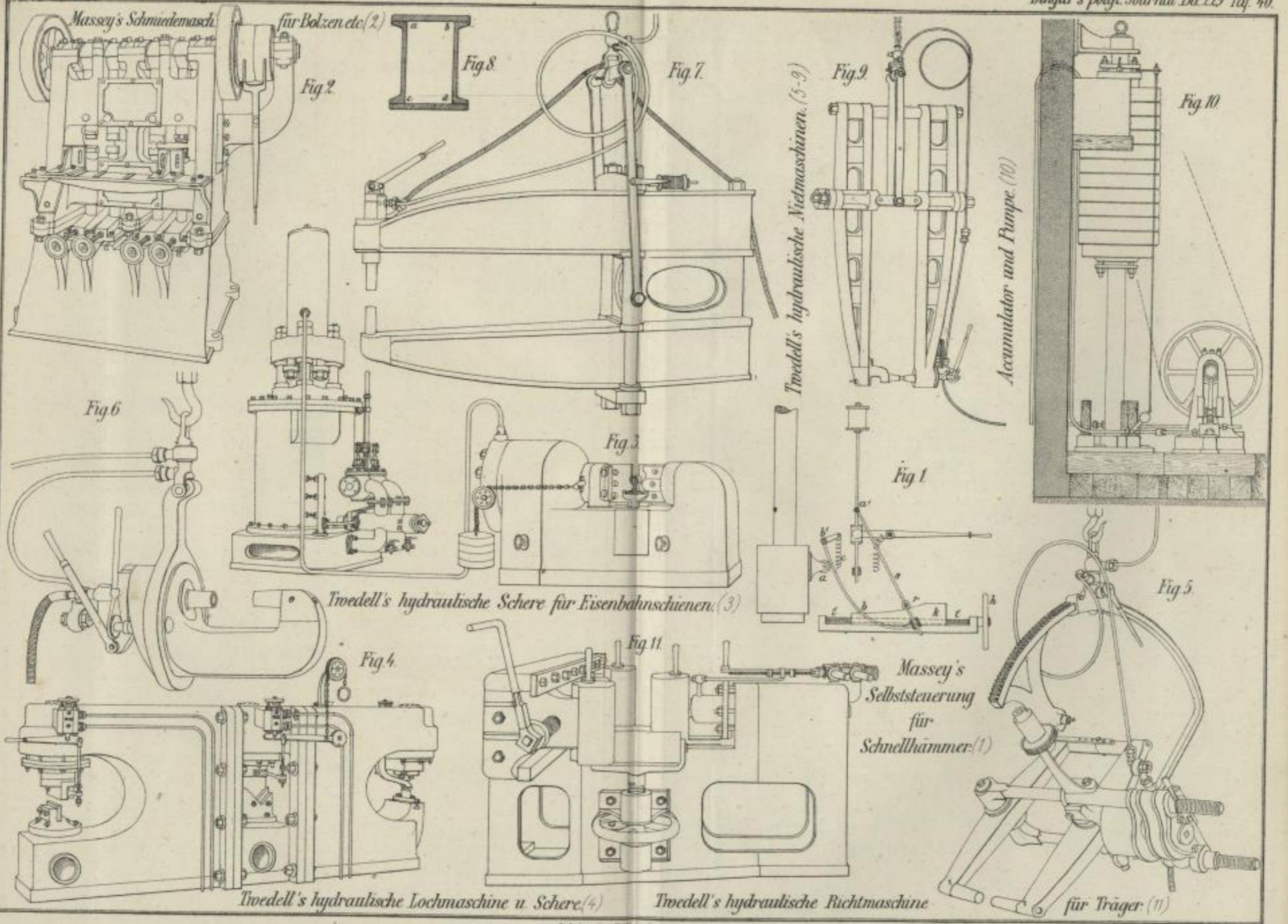


Fig. 3.

Maschine und Steuerung der Schweizerischen Locomotiv- und Maschinenfabrik in Winterthur (Schweiz)



Isch. Anstalt v. F. W. v. Dornstadt



Lith. Anstalt v. F. W. W. Dornschütz.

Bowser's Dampfmaschine. (1 u. 2.)

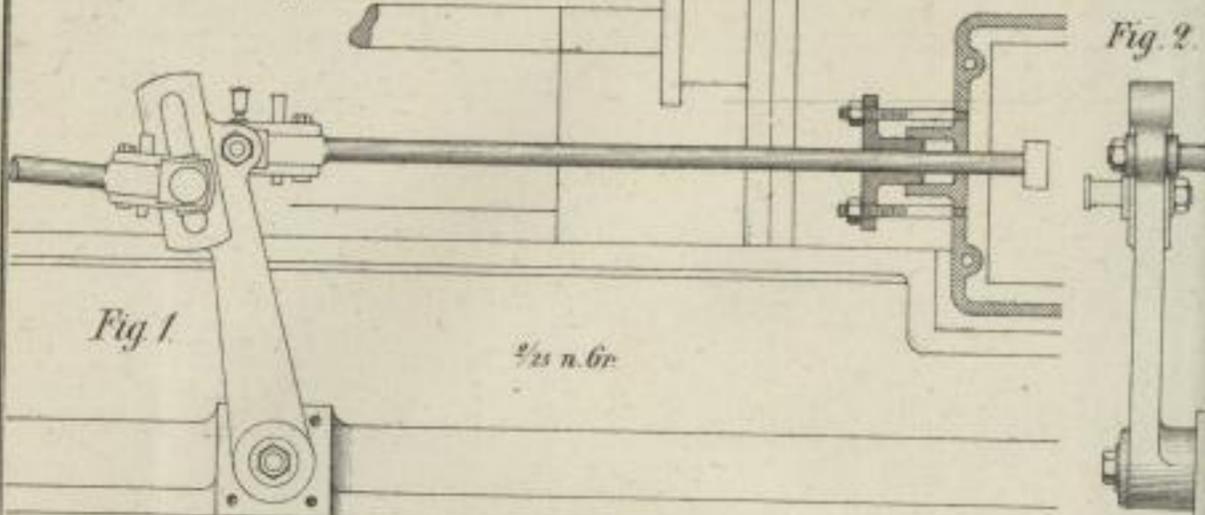
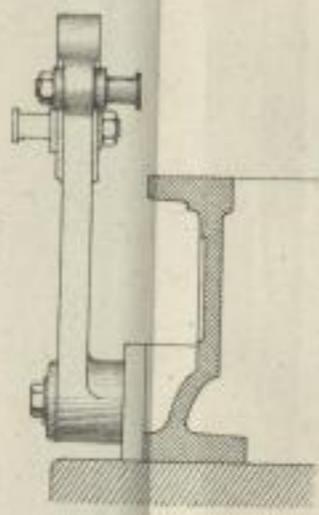


Fig. 2.



Mouvier's Revolver Ueberspringer (6 u. 7)

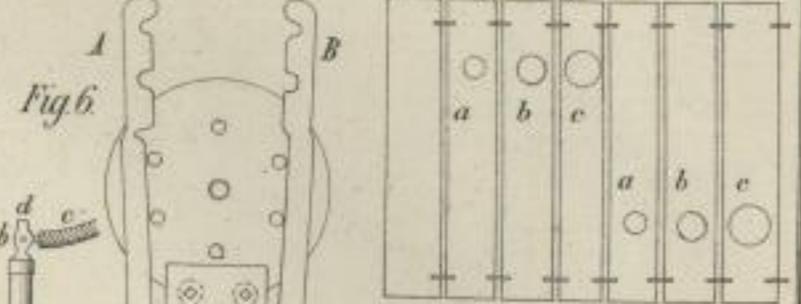


Fig. 6.

Fig. 7.

Wardell's Steinstemm-Maschinen (4 u. 5.)

Fig. 8.

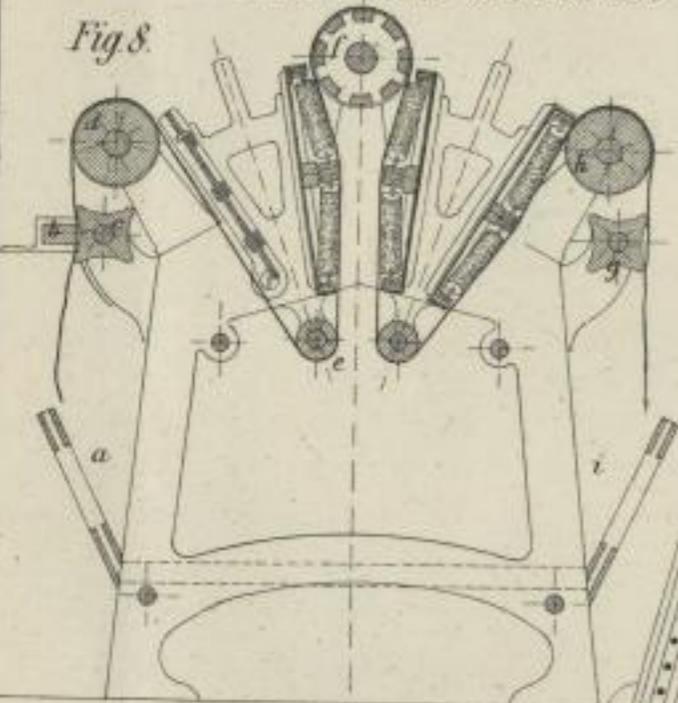


Fig. 4.

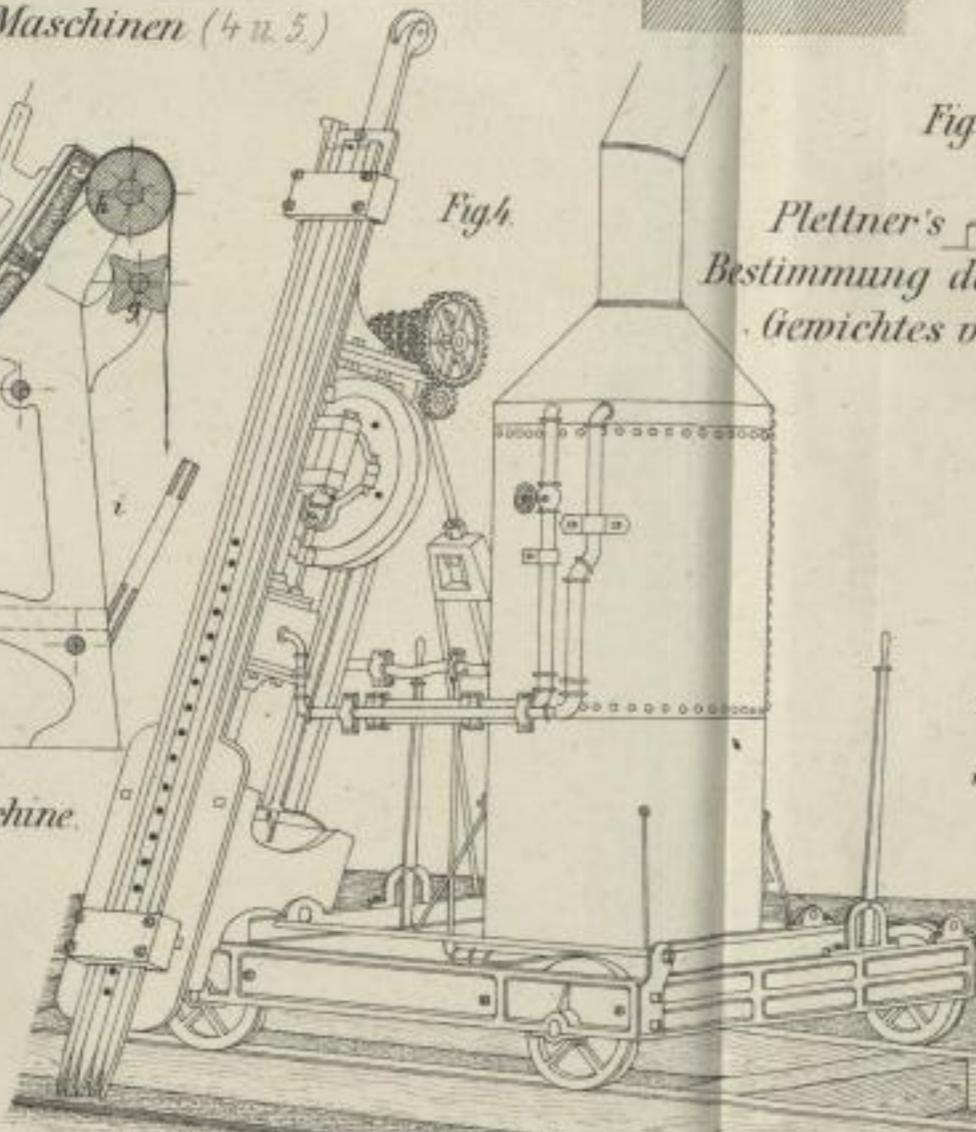
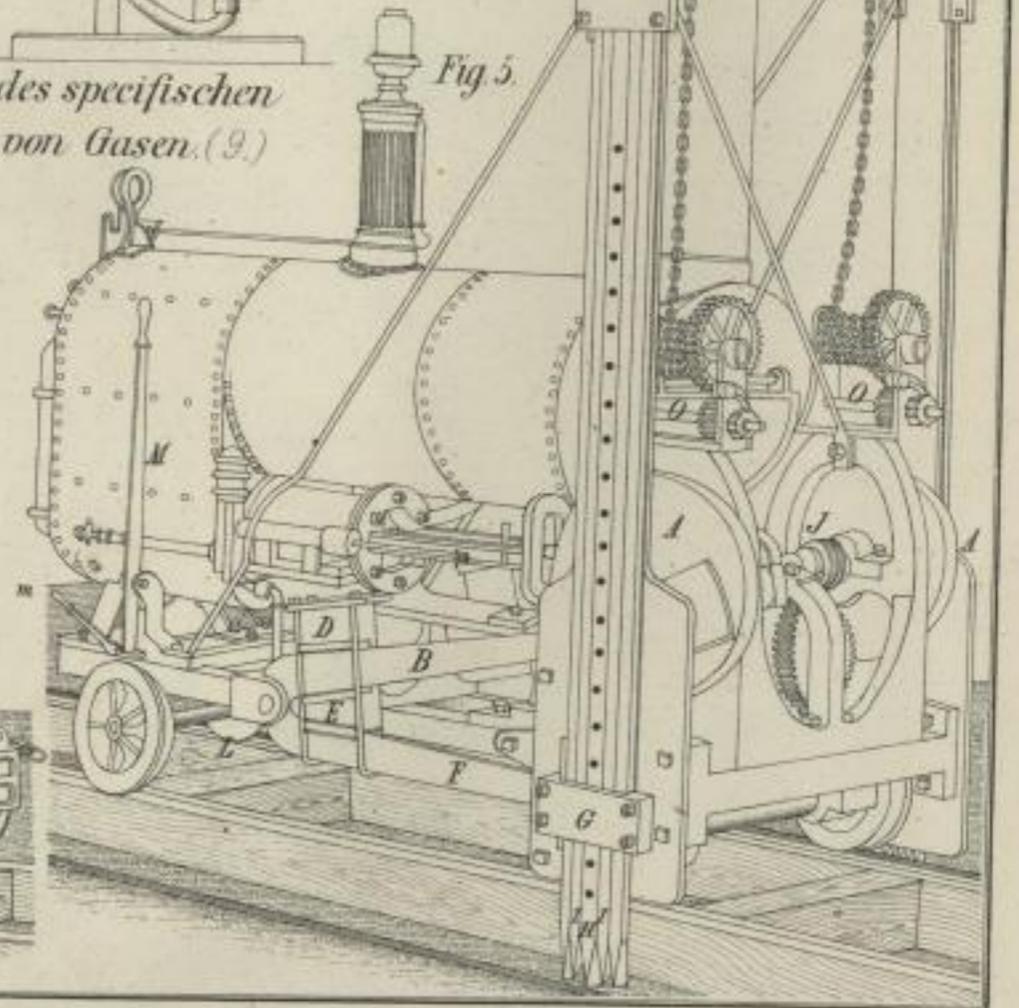


Fig. 9.

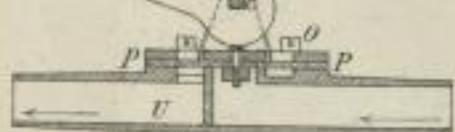
Plettner's Bestimmung des specifischen Gewichtes von Gasen. (9.)

Fig. 5.



Erselius u. Benisch's Rauhmachine.

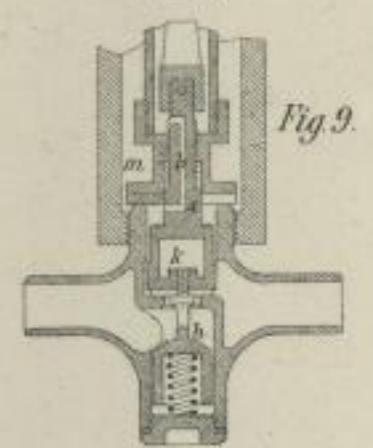
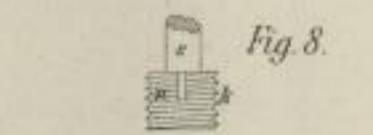
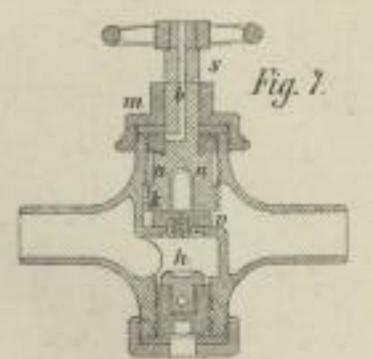
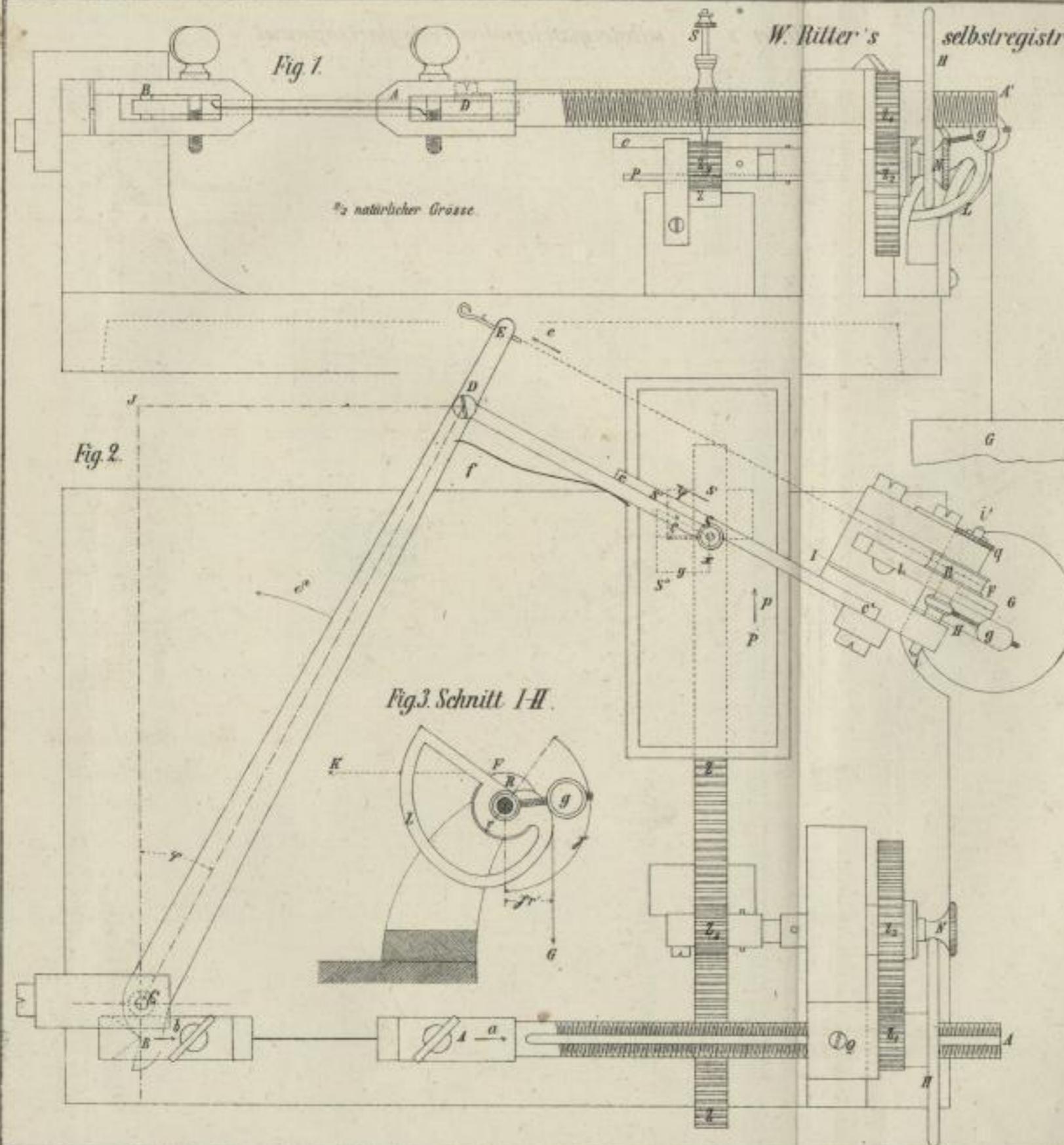
Fig. 3. (8.)



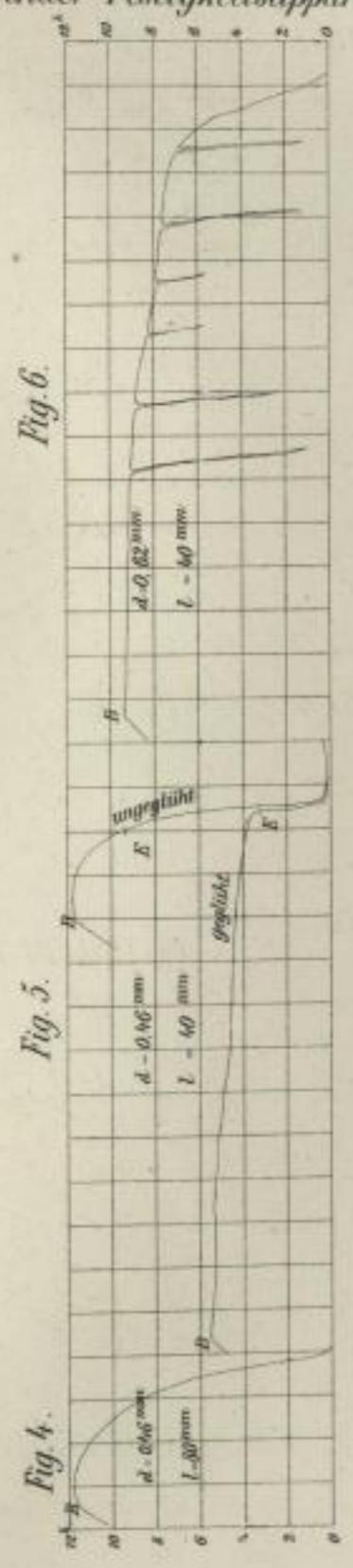
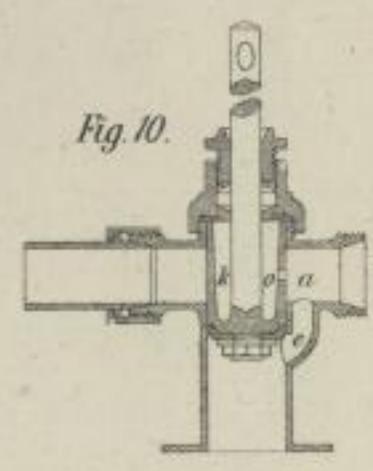
Oesten's Daumenhahn. (3.)

Tab. Anstalt v. F. Forts, Darmstadt.

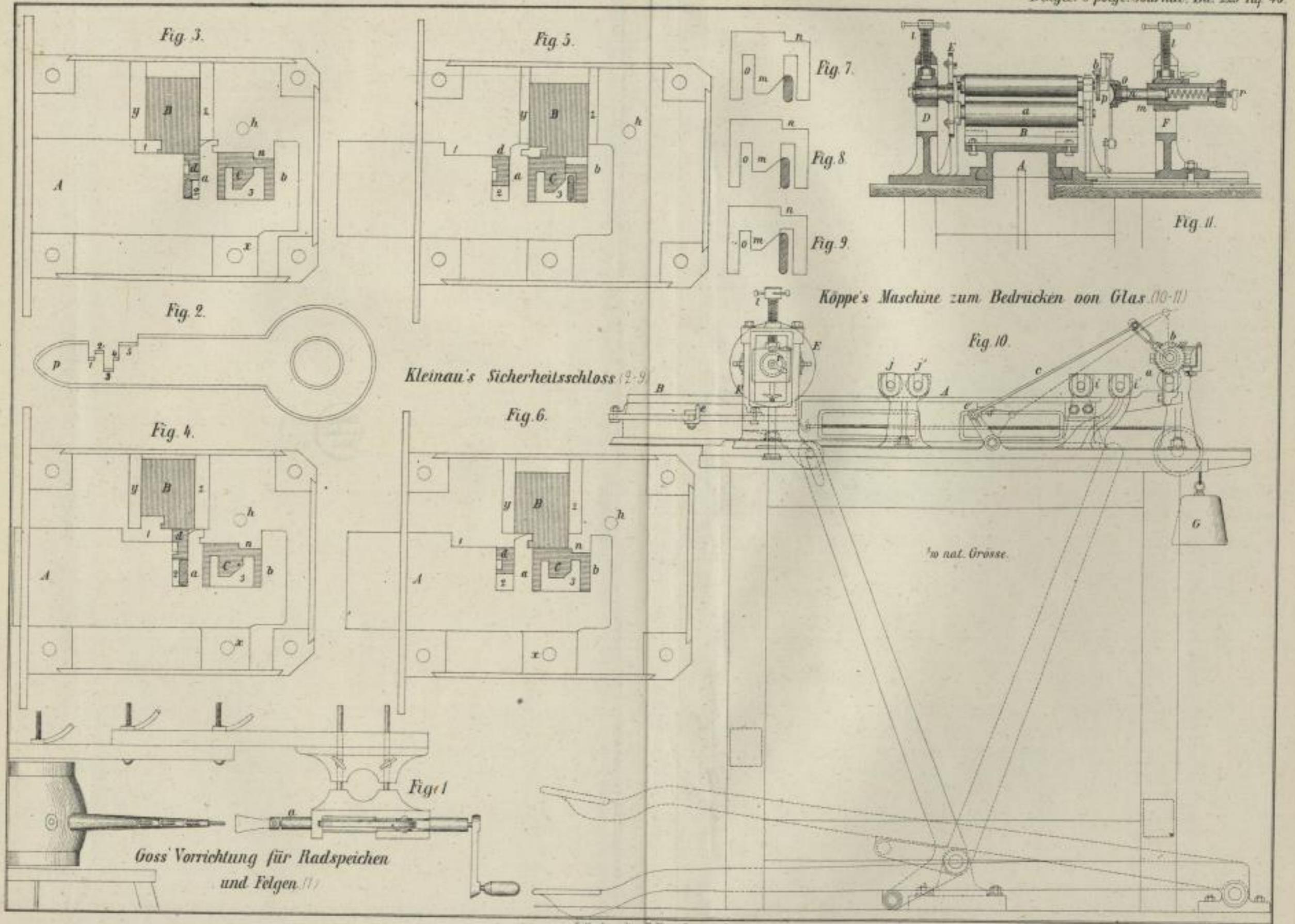
W. Ritter's selbstregistrierender Festigkeitsapparat. (1-6.)



Reese und Lübberts' Absperrventile. (7-10.)



Lith. Anstalt v. F. Wirtz, Darmstadt.



Goss's Vorrichtung für Radspeichen und Felgen. (11)

Kleinau's Sicherheitsschloss (2-9)

Köppe's Maschine zum Bedrucken von Glas. (10-11)

Lith. Anstalt v. F. Wirtz Darmstadt.



Keith's Entsilbern und Raffinieren von Werkblei mittels Elektrolyse. (10-14)

Fig. 11.

Fig. 10.

Fig. 14.

Fig. 12.

Fig. 13.

Fig. 1.

Neuerburg's Stängel- und Trommelsieb (1)

Fig. 9. Kosteritz und Hess' Brisanzmesser. (9)

Verbesserungen an Jacquardstühlen. (3-5)

Boyd's Doublir-Spulmaschine. (2)  
Fig. 3.

Fig. 7.

Fig. 8.

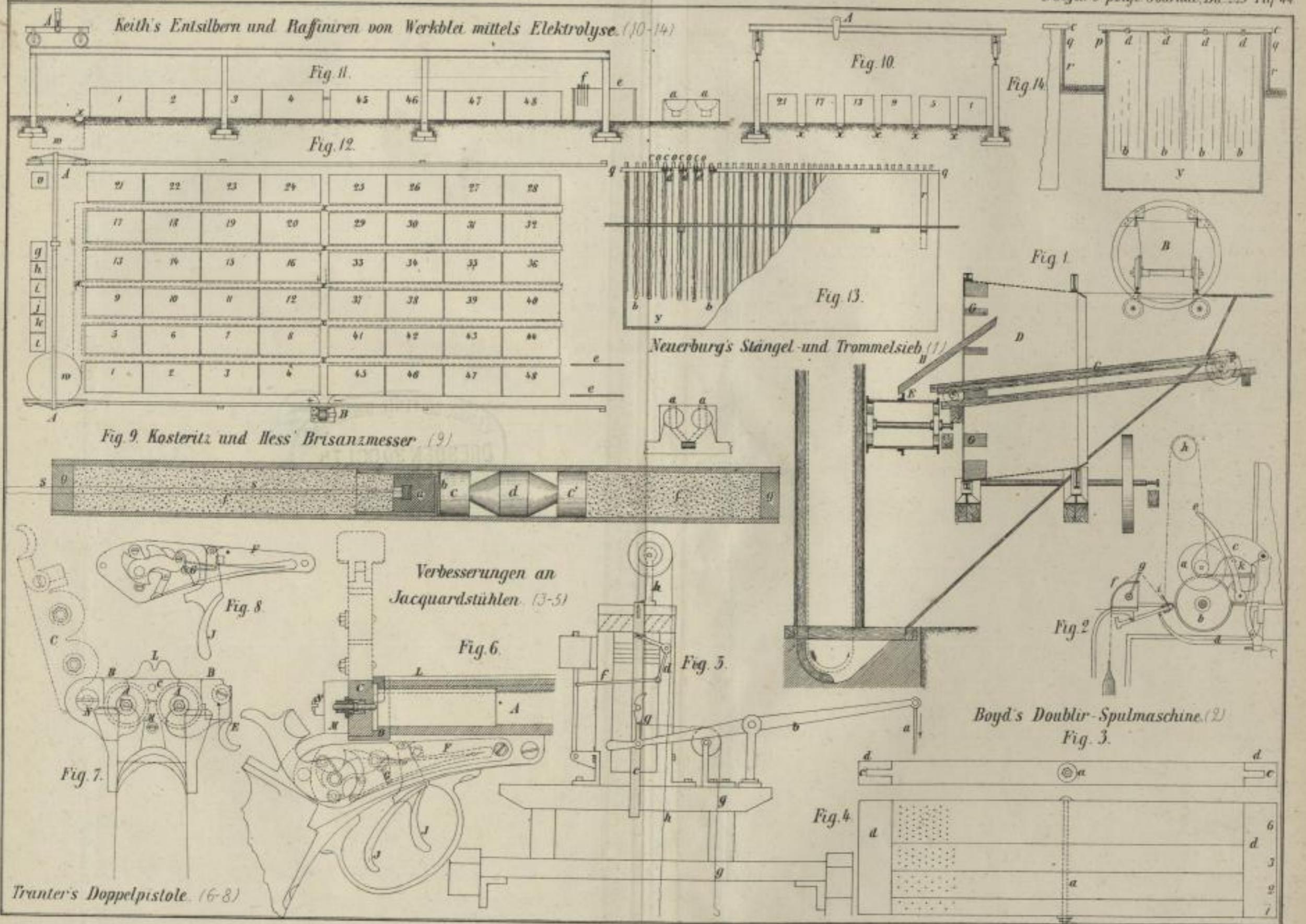
Fig. 6.

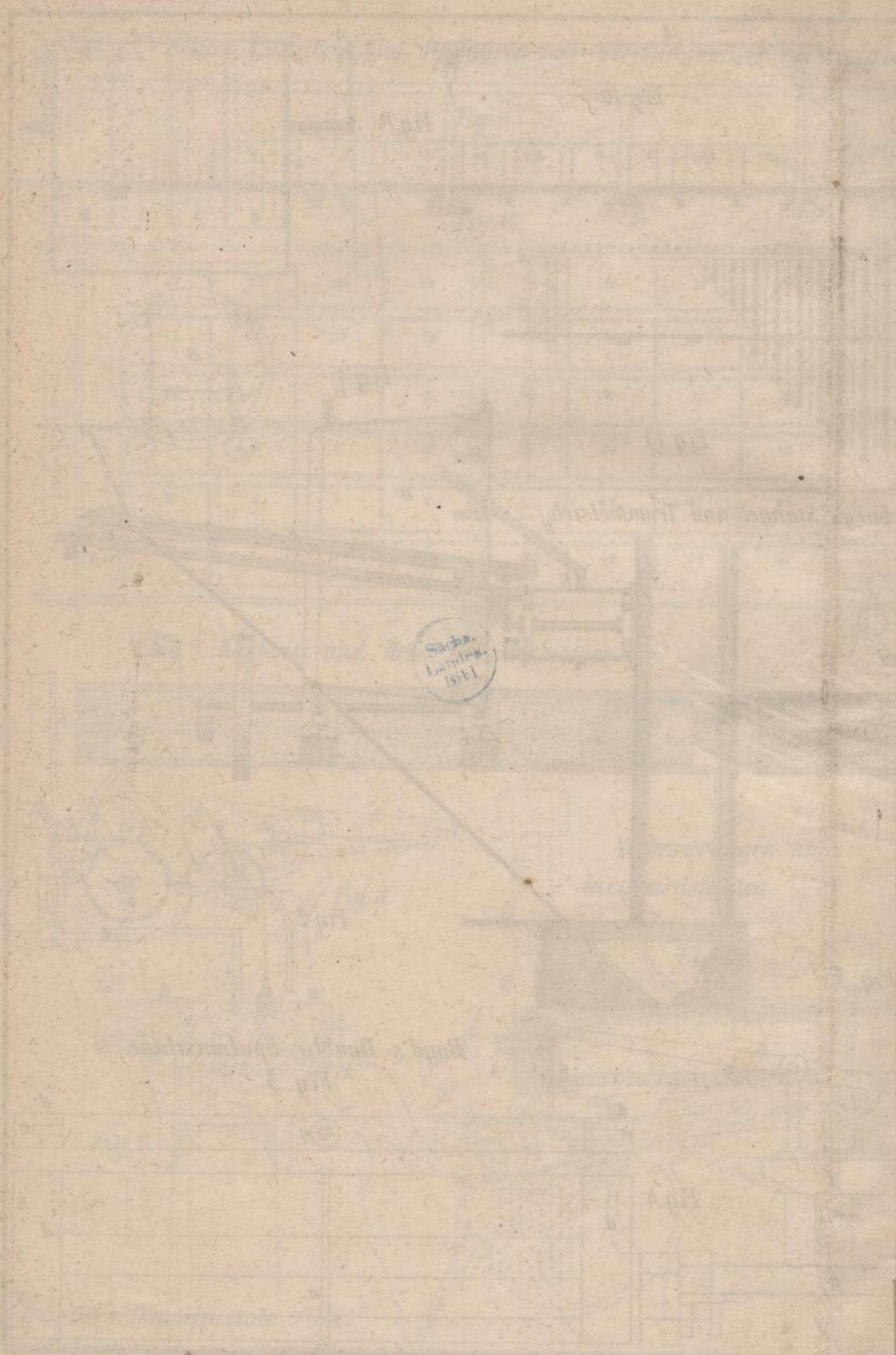
Fig. 5.

Fig. 4.

Tranter's Doppelpistole. (6-8)

Lith. Anstalt v. F. Witz, Darmstadt.





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