























# Atlas

zu

## Dingler's polytechnisches Journal.

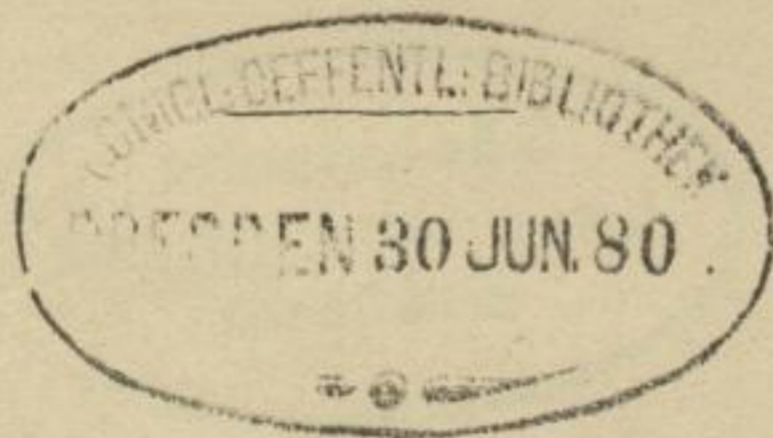
Band 236.

(Einundsechzigster Jahrgang.)

Jahrgang 1880.

---

Enthaltend 42 lithographirte Tafeln.



Augsburg.

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

23



Asia

Journal asiatique

1858

(Paris)

1858

Paris



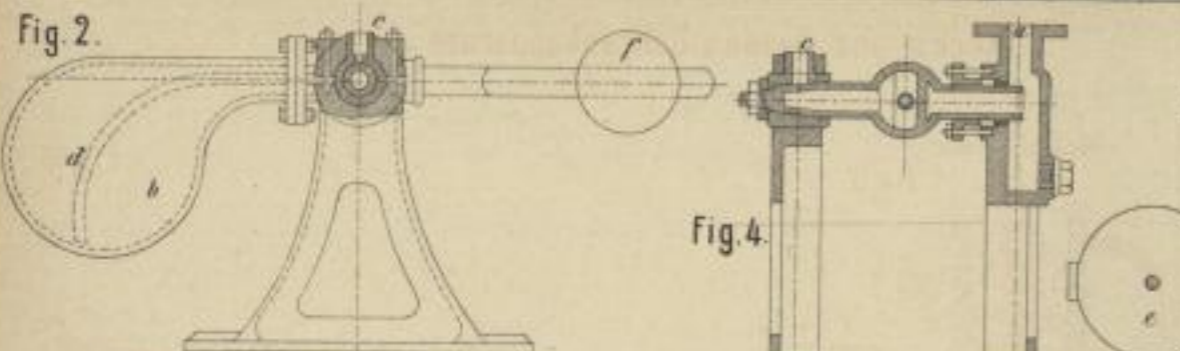
Sächsische Landesbibliothek Dresden





Sächs.  
Landesbibl.  
Dresden





Haag's und Steinle-Hartung's  
Condensationswasser- Ableiter. (1 bez 2-4.)

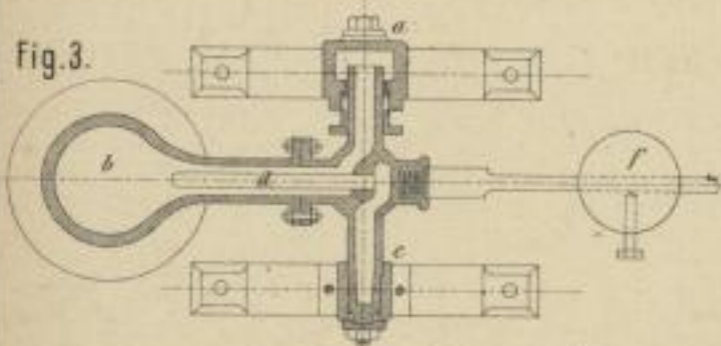


Fig. 3.

Fig. 4.

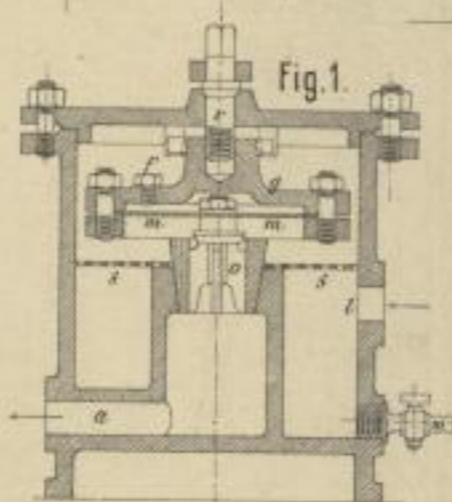


Fig. 1.

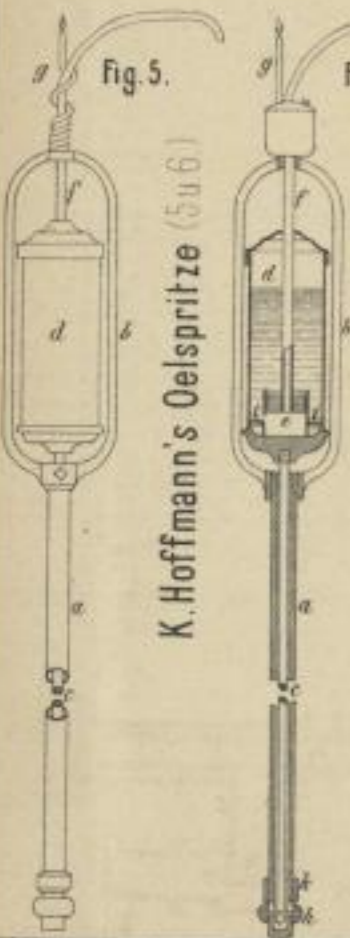


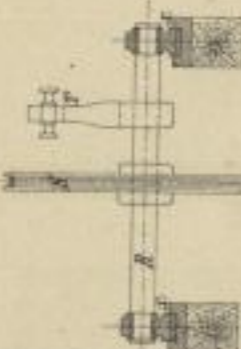
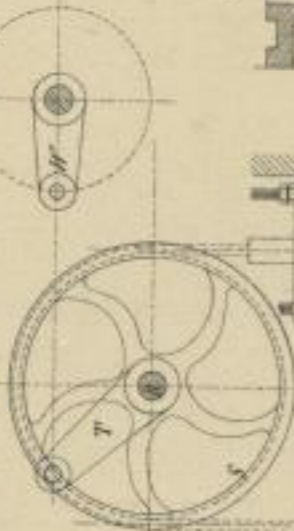
Fig. 5.

Fig. 6.

K. Hoffmann's Oelspritze (5 u 6)

Fig. 8.

Fig. 7.



Hilt und Daelen's Rittingerpumpe mit Seilbetrieb (7 u 8.)

Isch. Aut. A. F. Wren, Darmstadt.

Fleck's und Doane's Schränkapparate (9 u 10, bez. 11 u 12.)

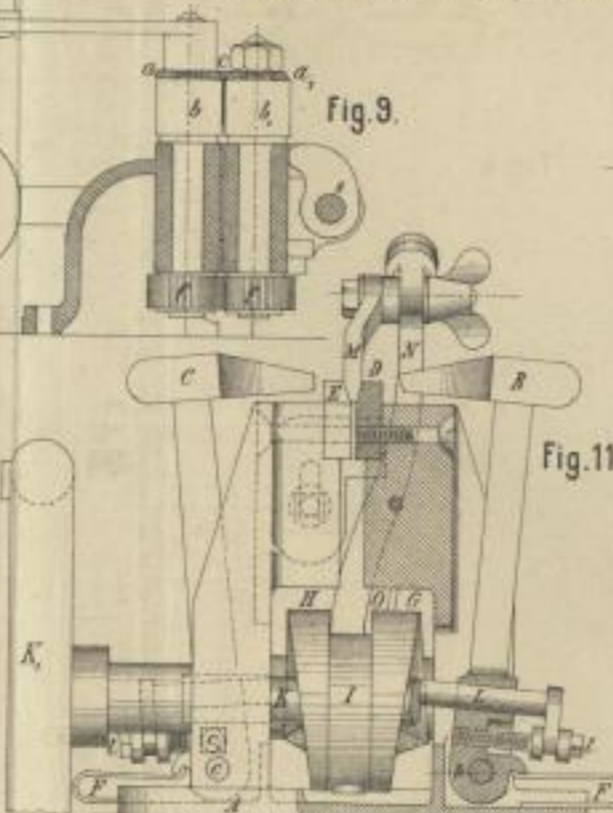


Fig. 9.

Fig. 11.

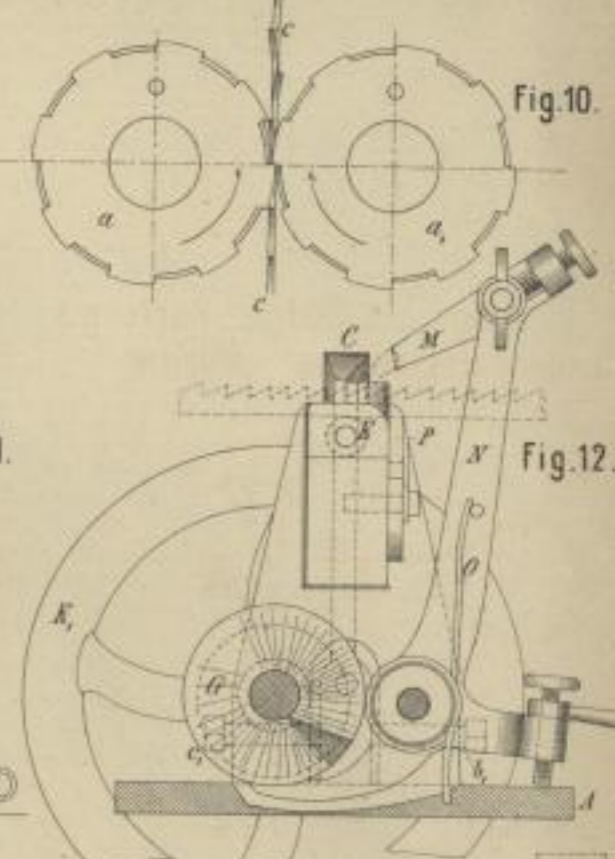
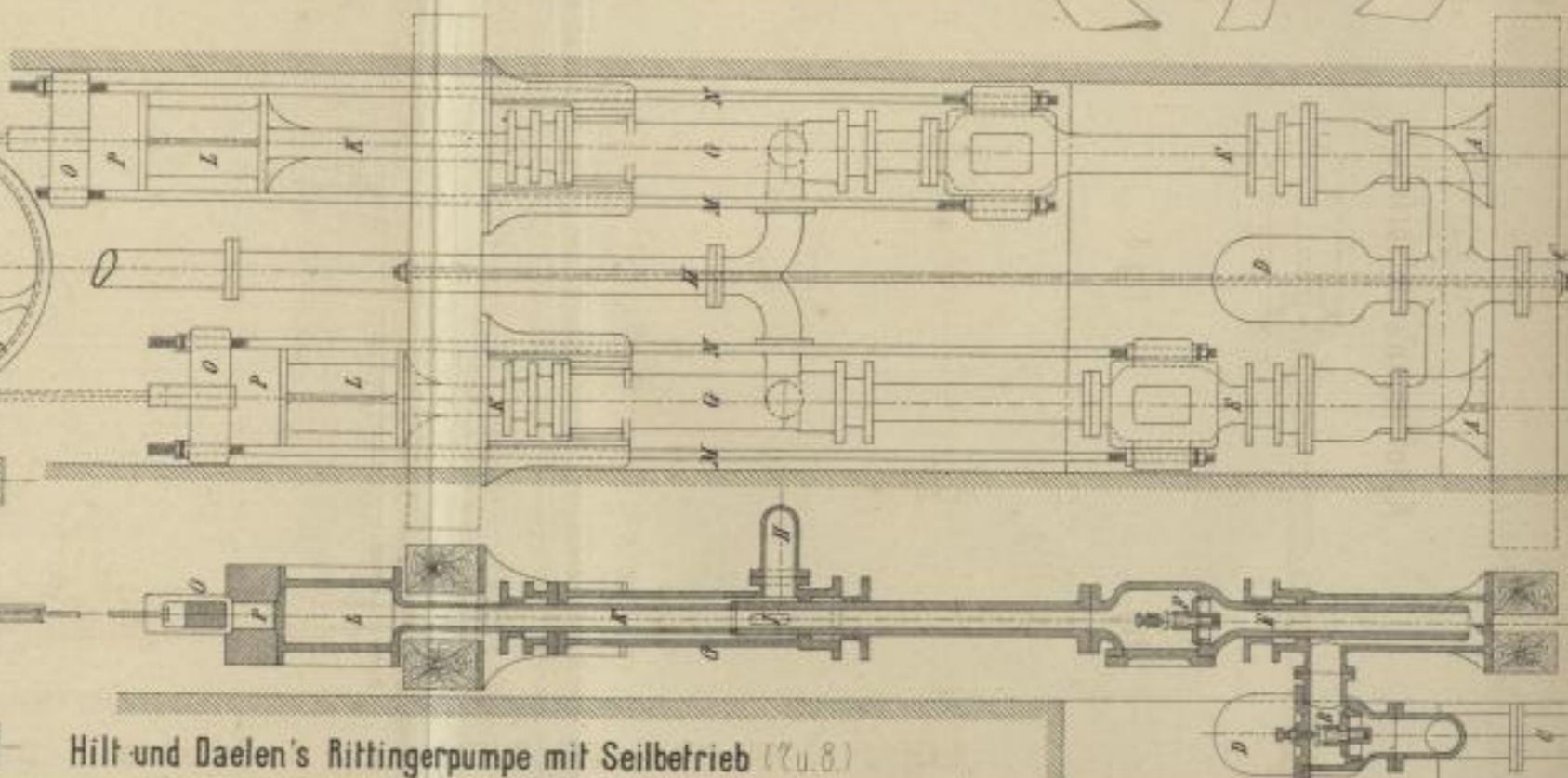


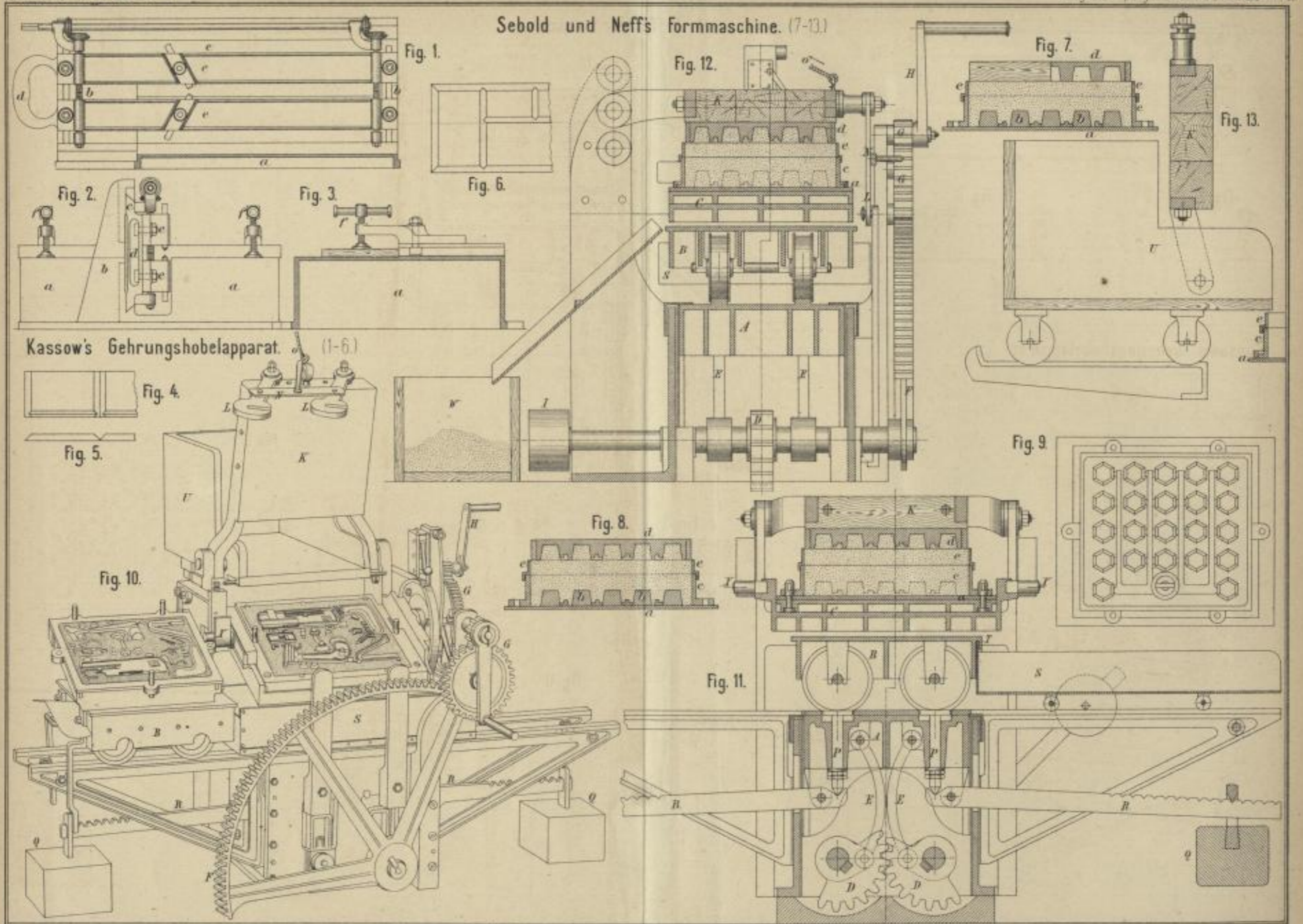
Fig. 10.

Fig. 12.

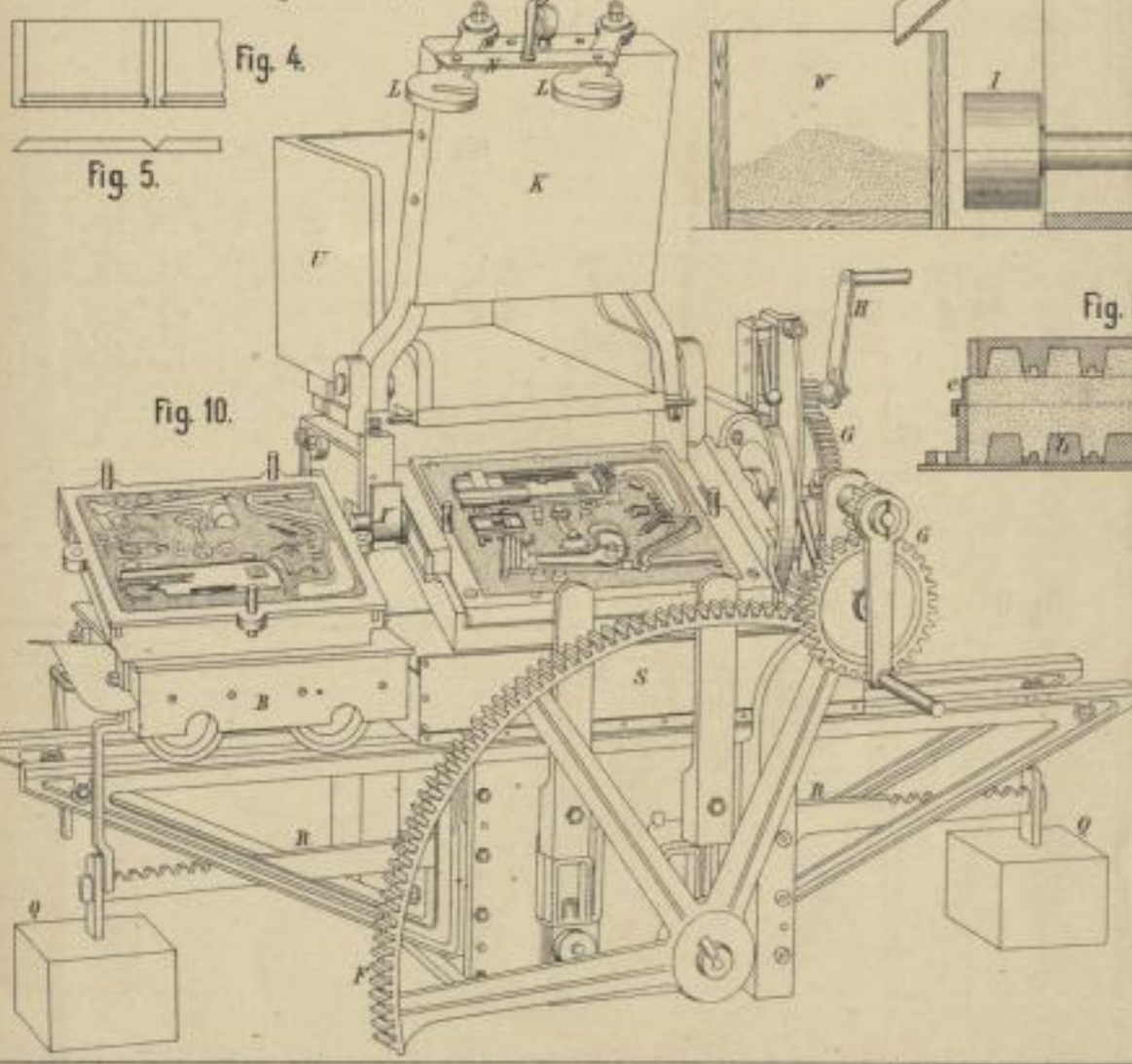




Sebold und Neff's Formmaschine. (7-13.)

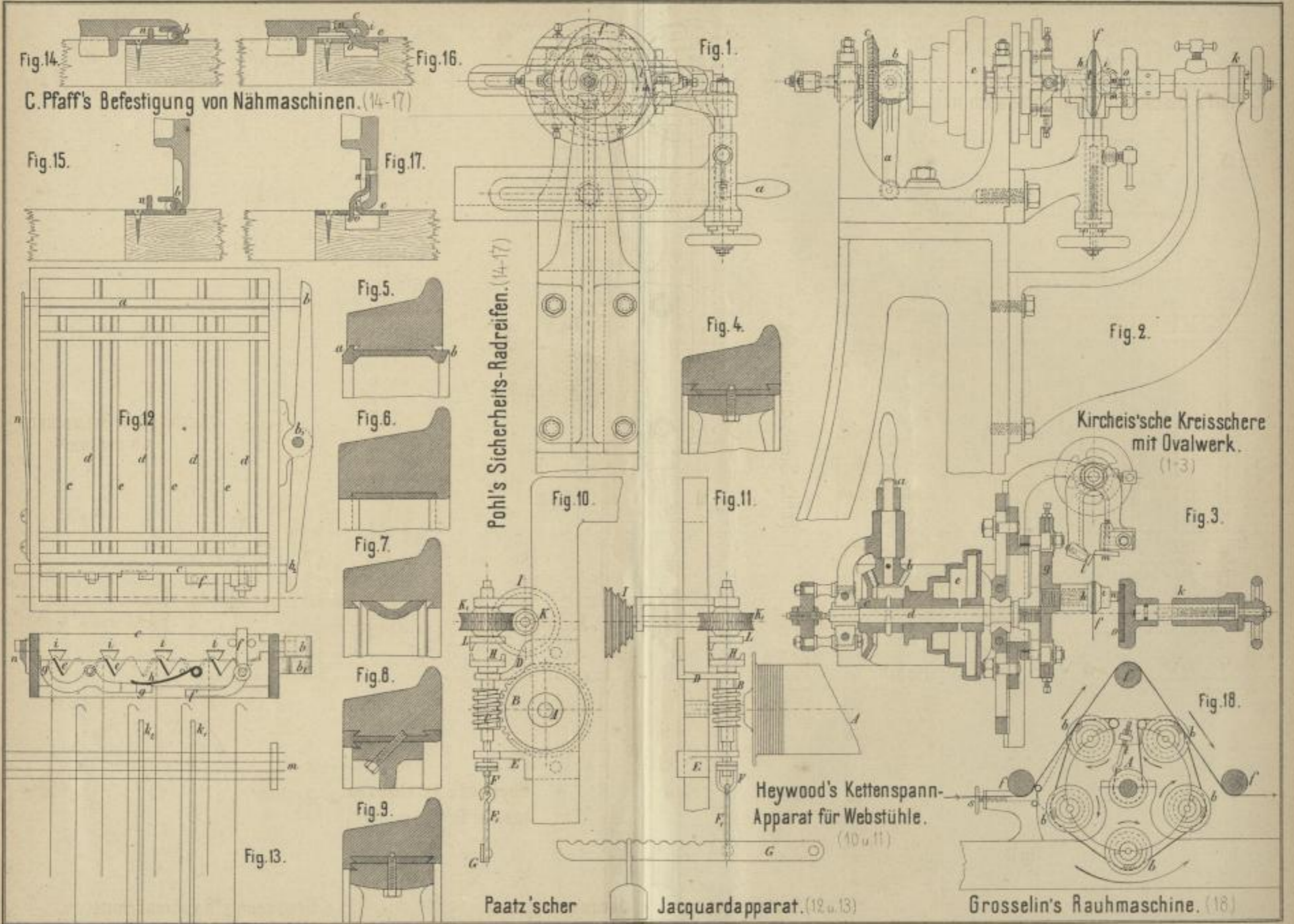


Kassow's Gehrungshobelapparat. (1-6.)



Edh. Anst. v. F. Korte Darmstadt.



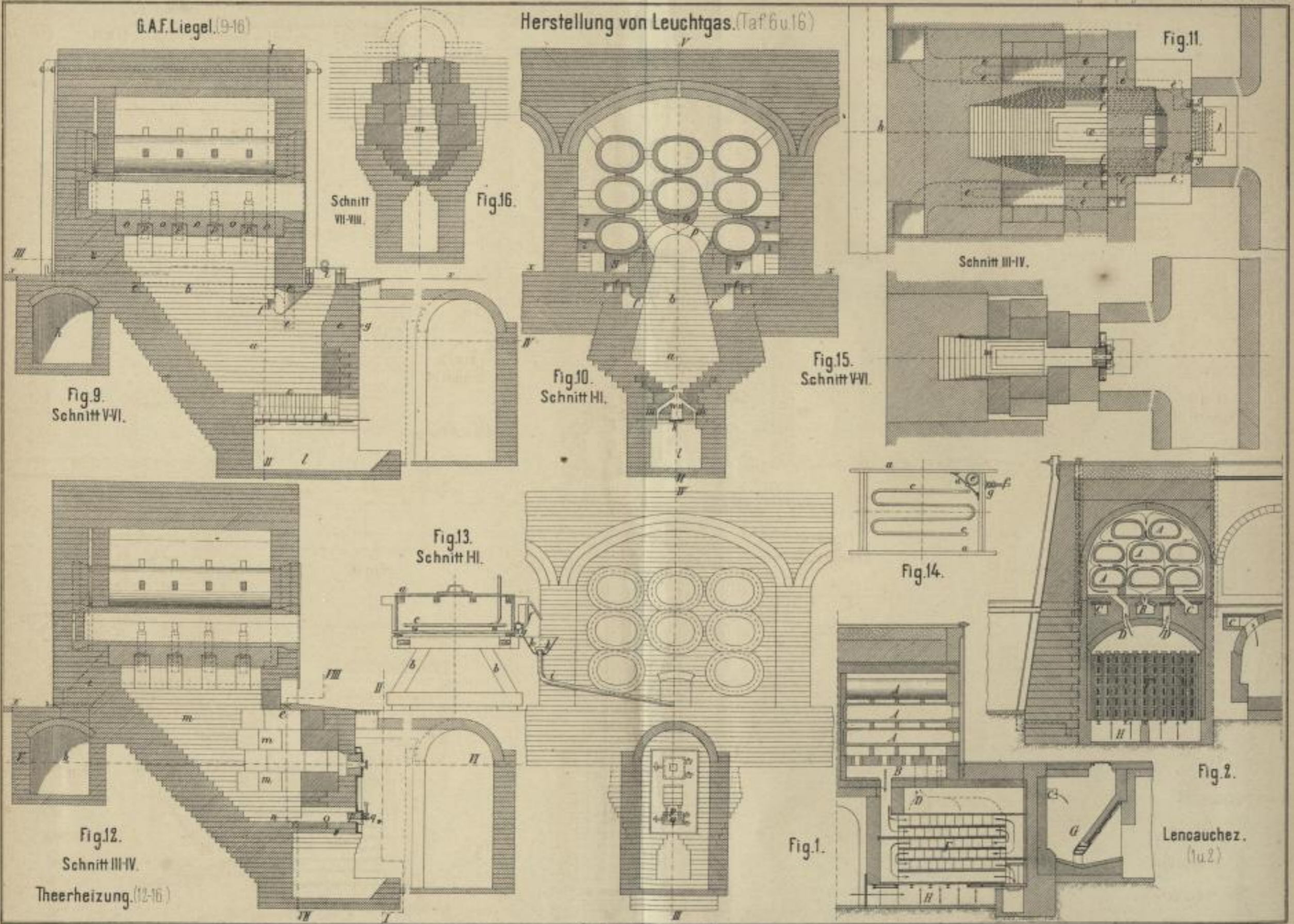


Lith. Anstalt v. F. Witz, Darmstadt.



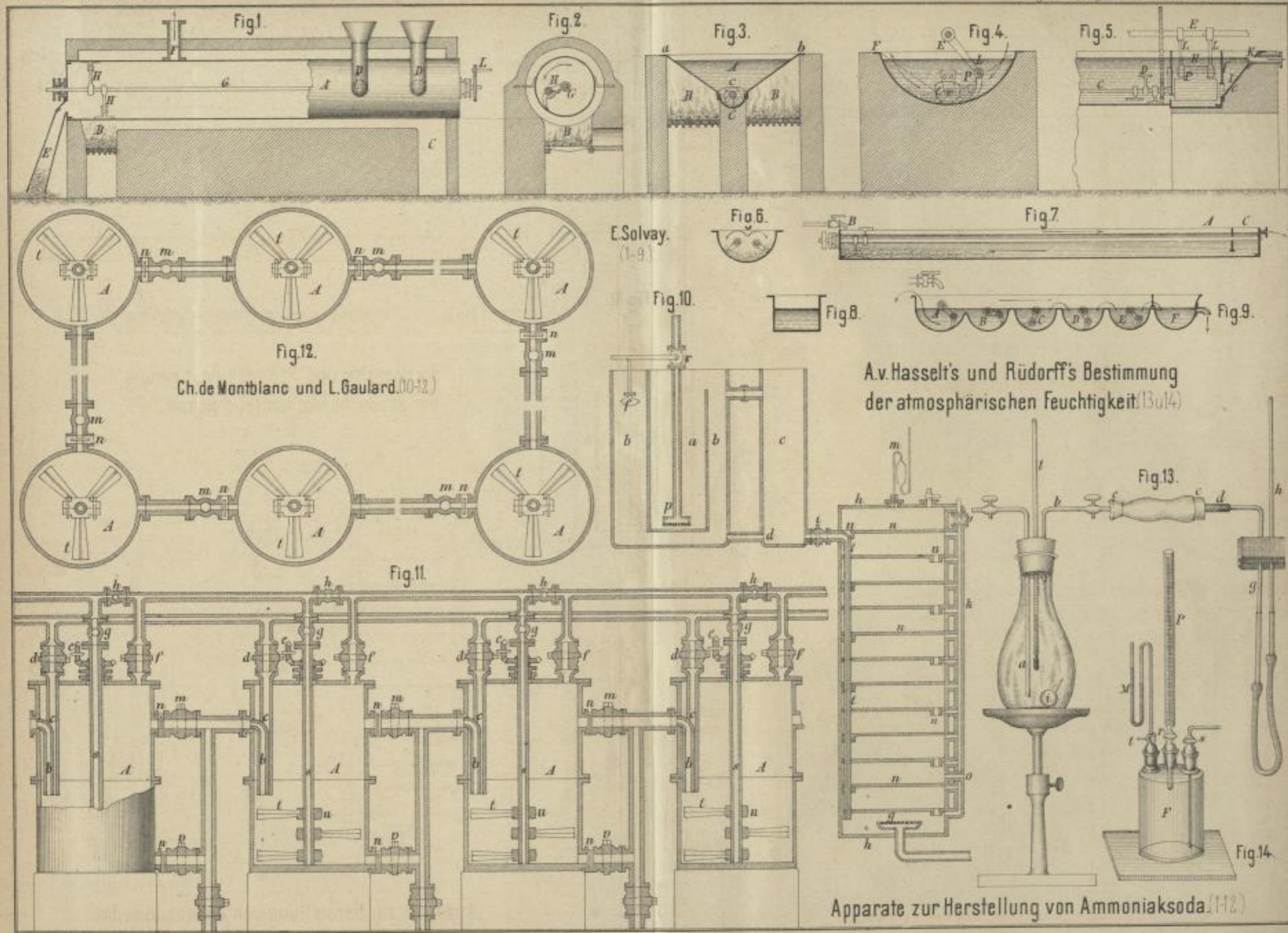
G.A.F. Liegel. (9-16)

Herstellung von Leuchtgas. (Taf. 6 u. 16)



Isch. Anst. v. F. W. v. J. Darmstadt.





Ch. de Montblanc und L. Gaulard. (10-12.)

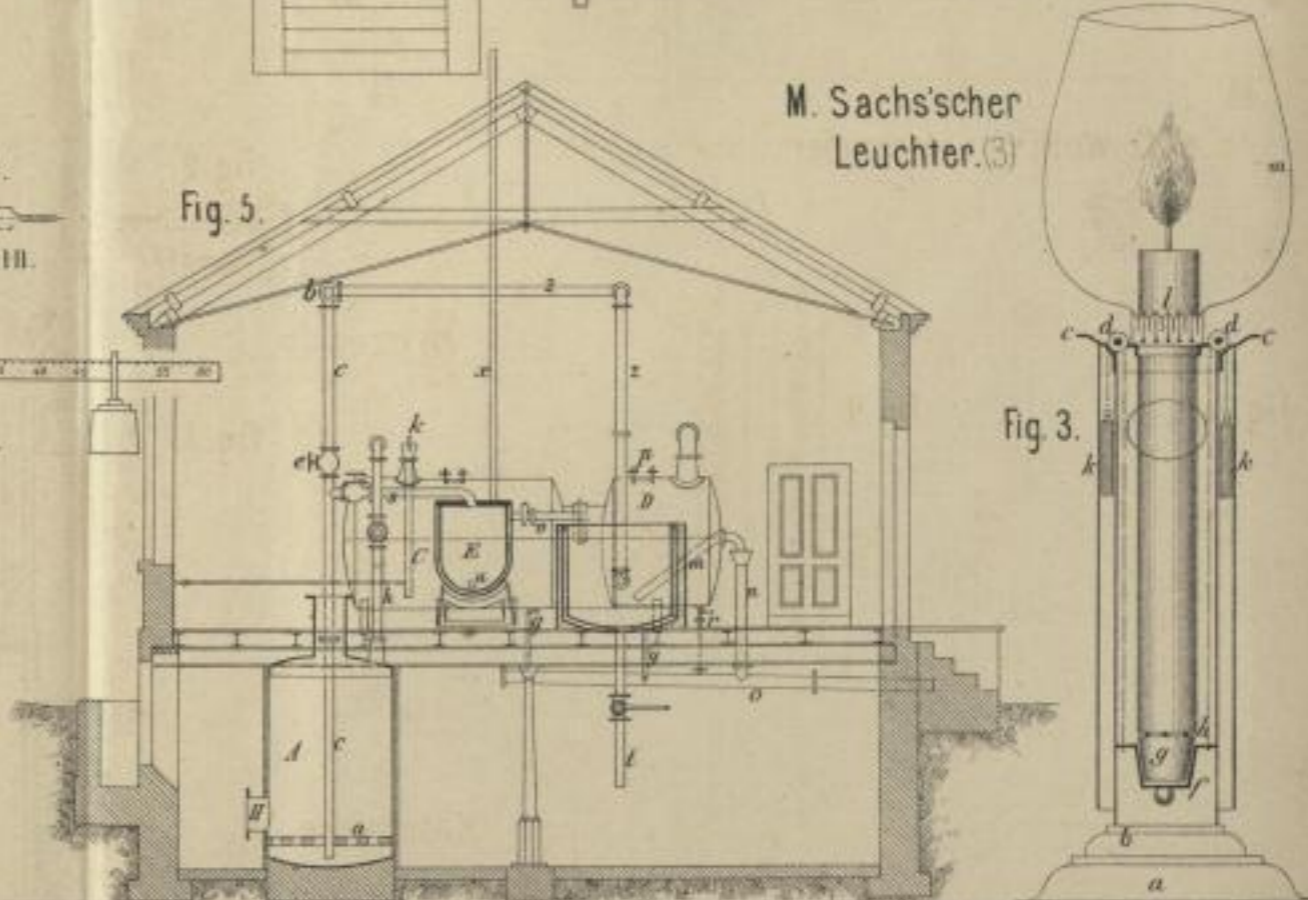
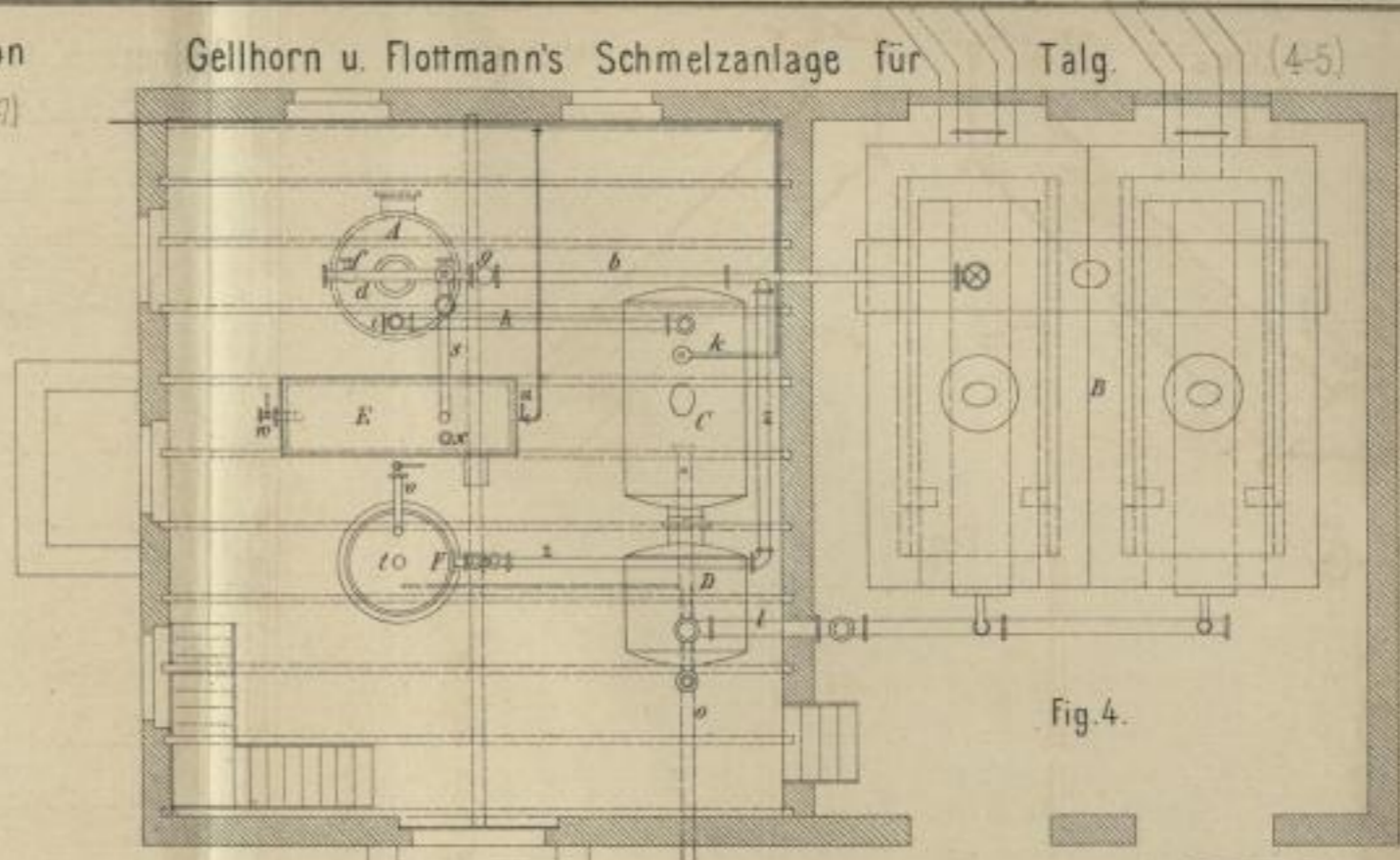
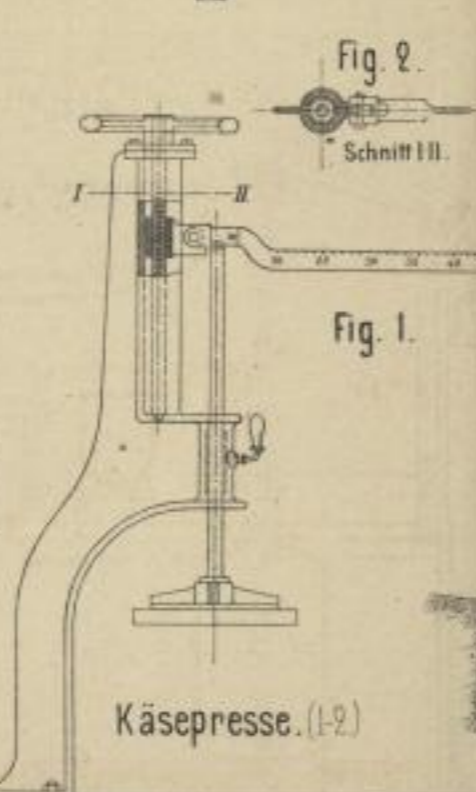
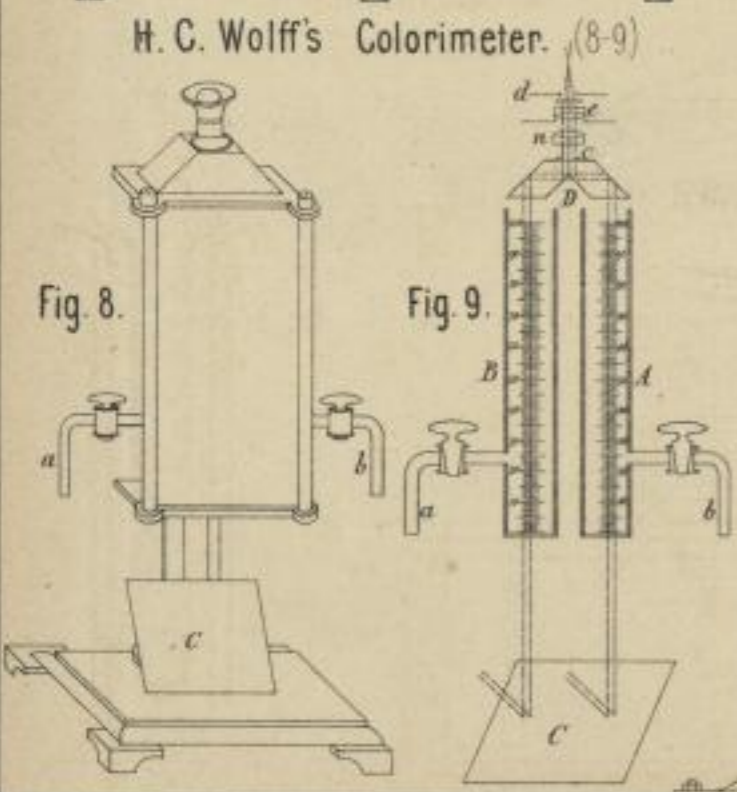
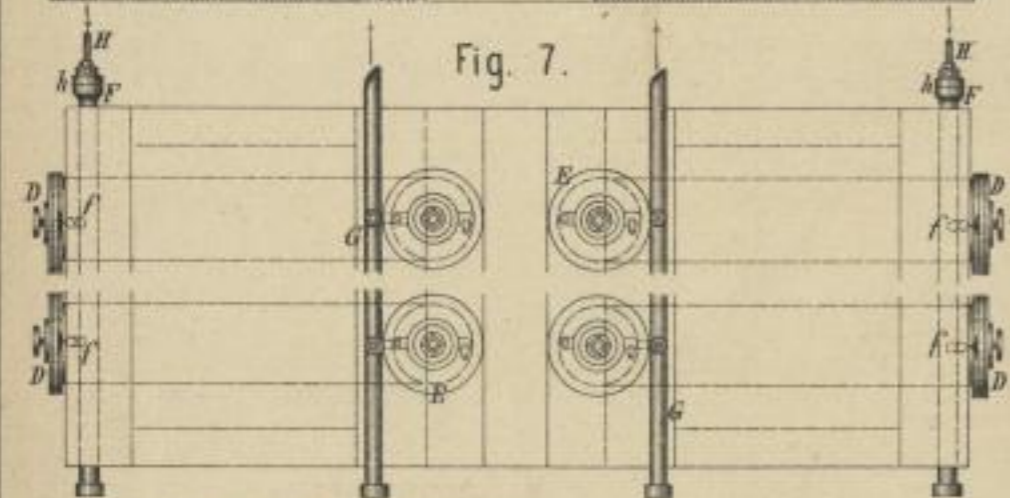
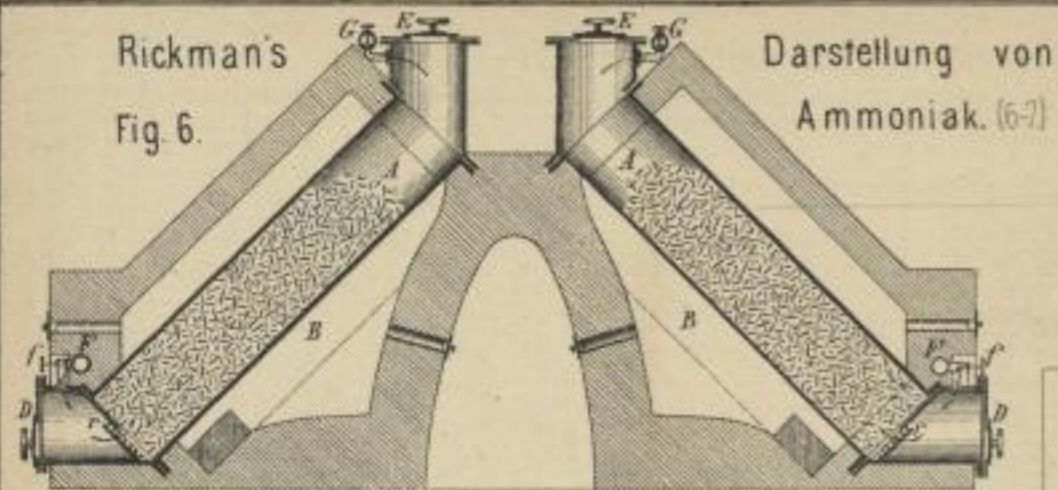
E. Solway. (1-9.)

A. v. Hasselt's und Rüdorff's Bestimmung der atmosphärischen Feuchtigkeit. (13 u 14.)

Apparate zur Herstellung von Ammoniaksoda. (1-12.)

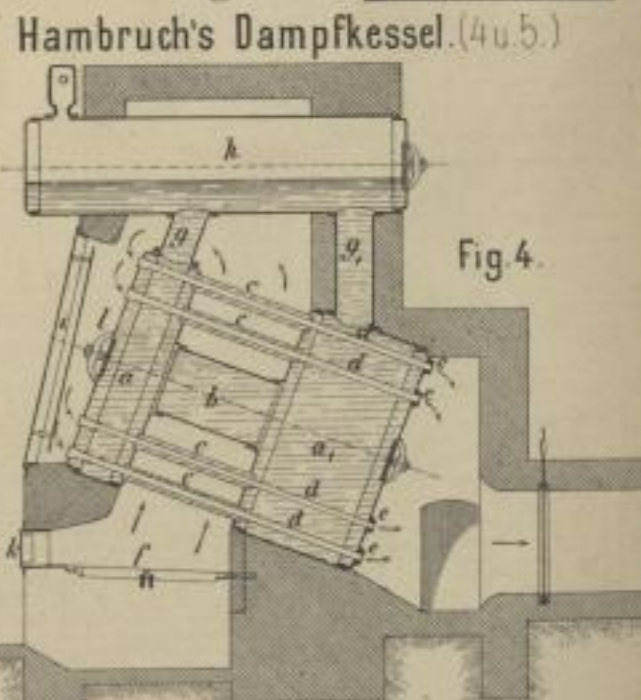
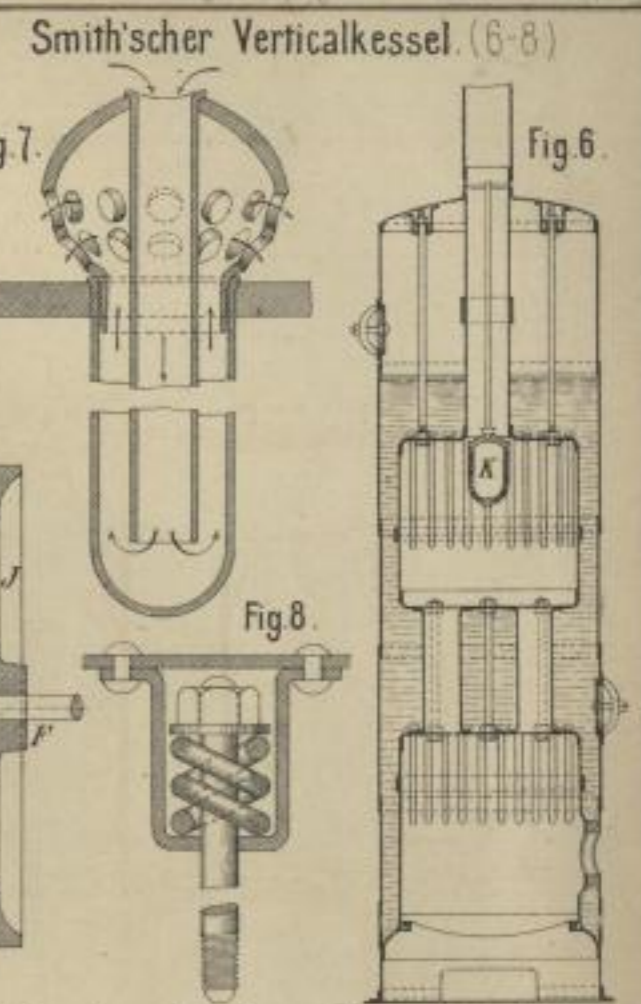
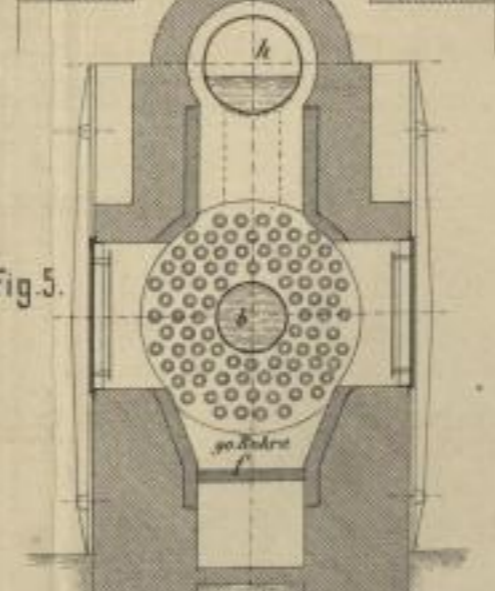
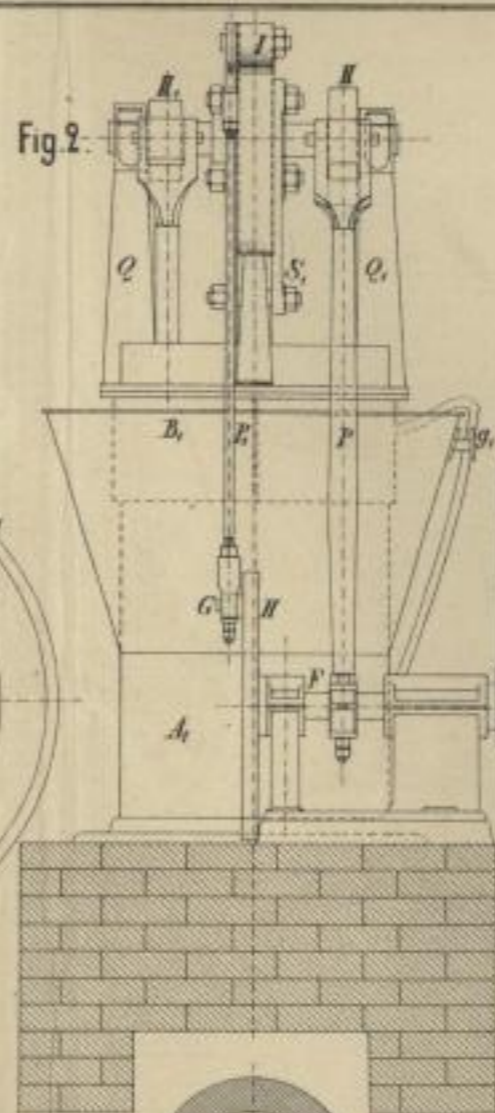
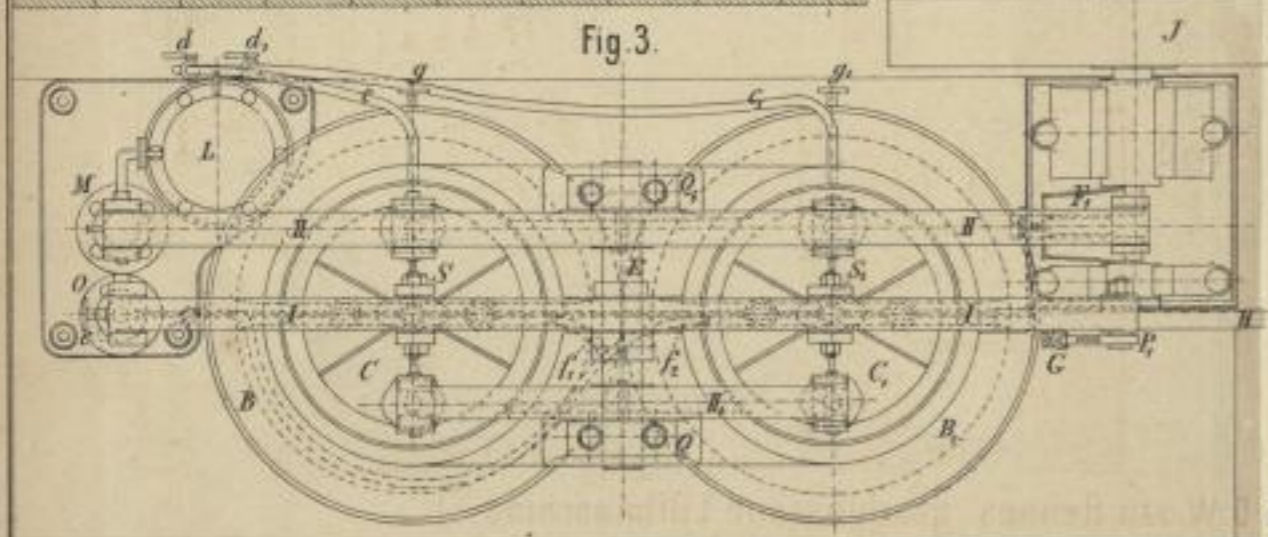
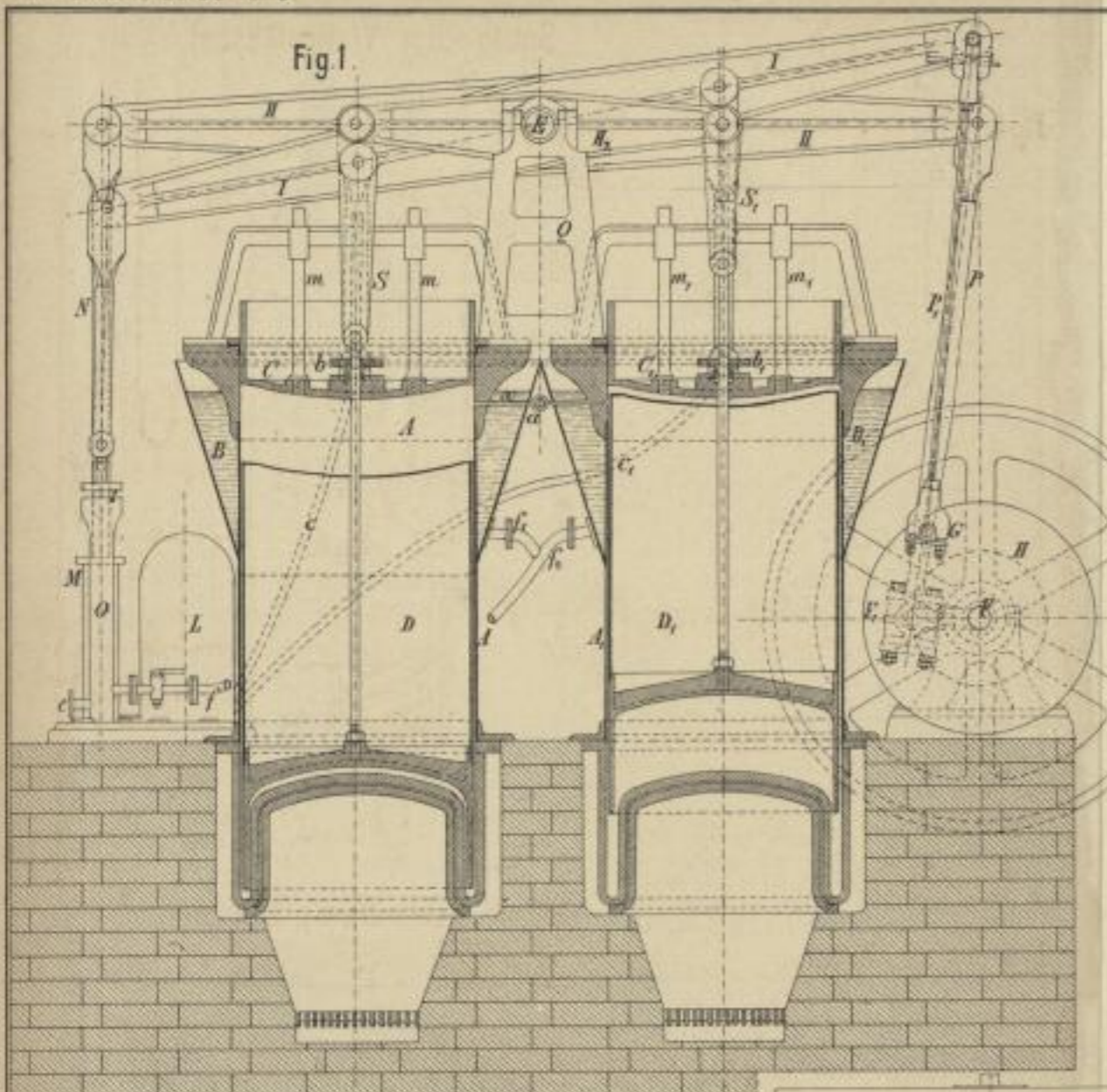
Ich. Anst. v. F. Witts, Darmstadt.





Lith. Anst. v. J. Wenz, Darmstadt.





D.W. van Rennes' geschlossene Luftmaschine. (1-3)

Isch. Anstalt v. F. Worts, Dürstadt.



### Köllner's Regulir-und Sicherheitsvorrichtung für Dampfmaschinen.(1-3)

Fig.2.

Fig.1.

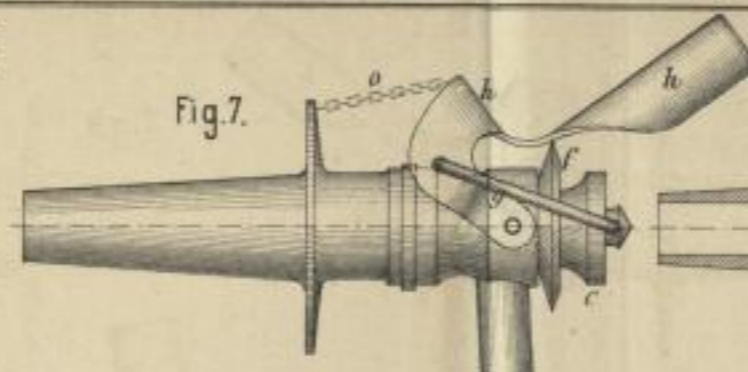
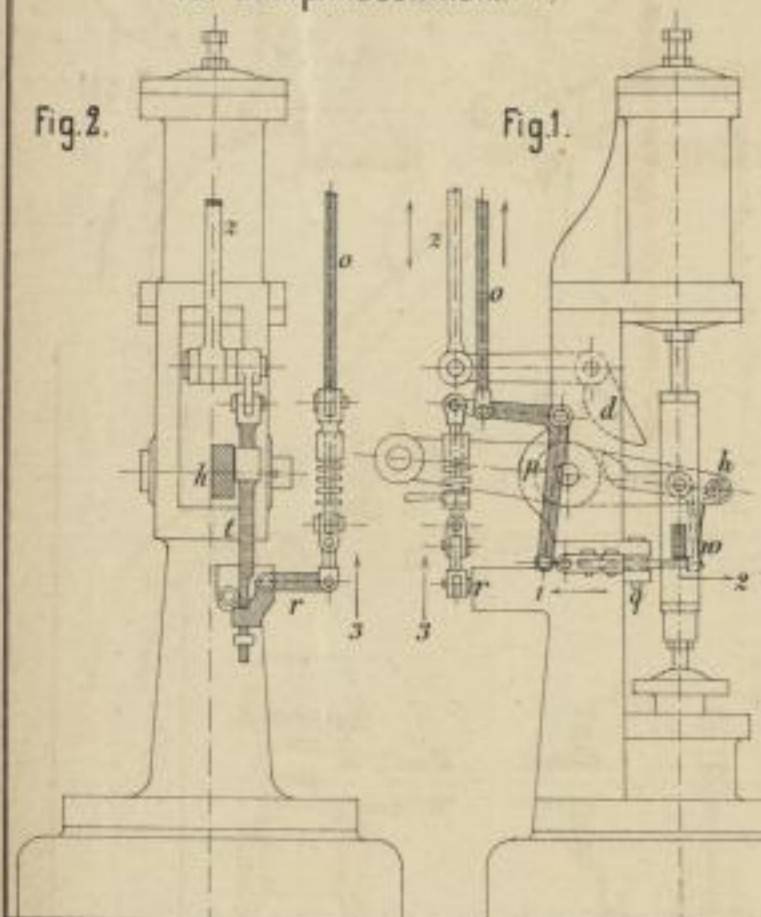


Fig.9.

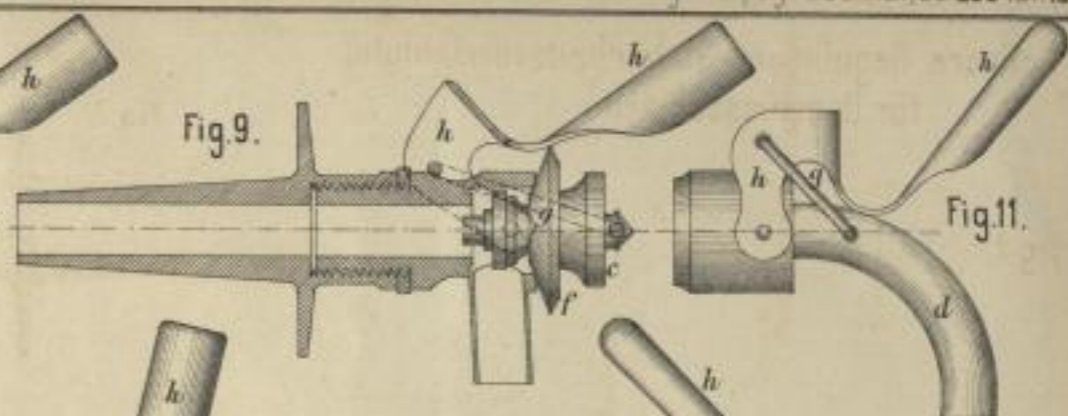


Fig.11.

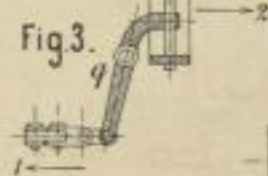


Fig.8.

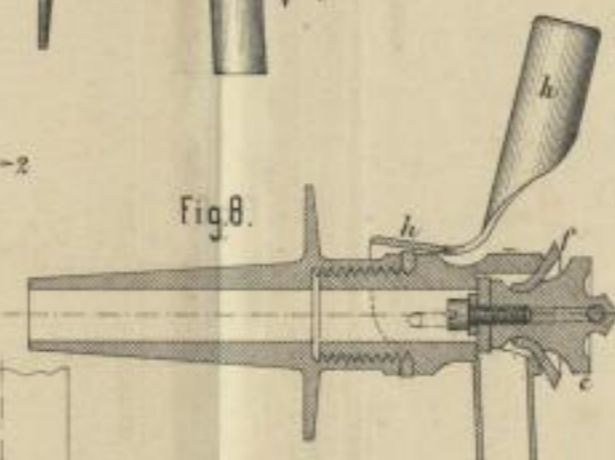


Fig.10.

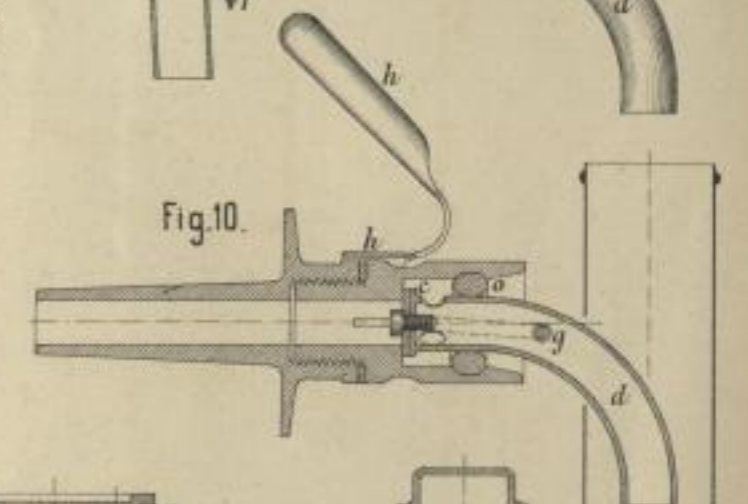


Fig.5. Schnitt Hl.

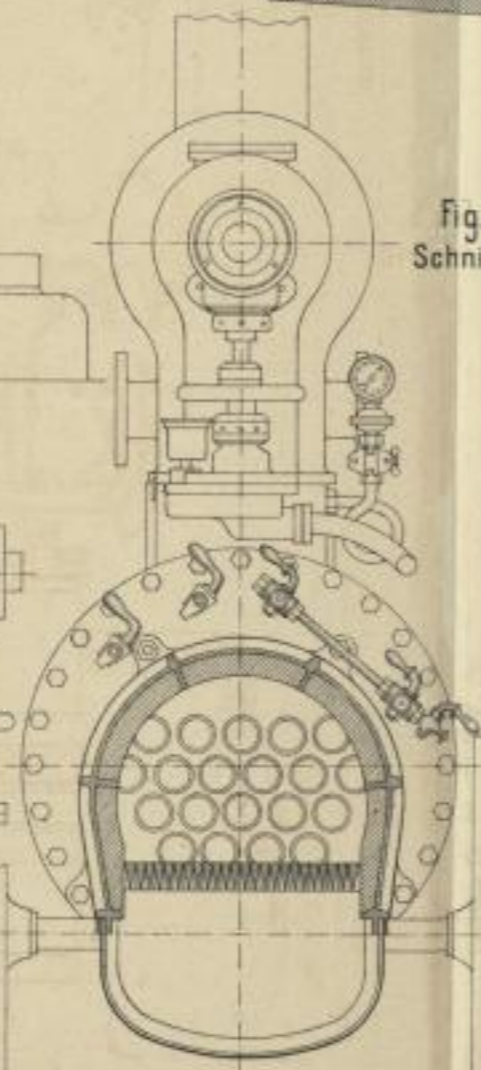
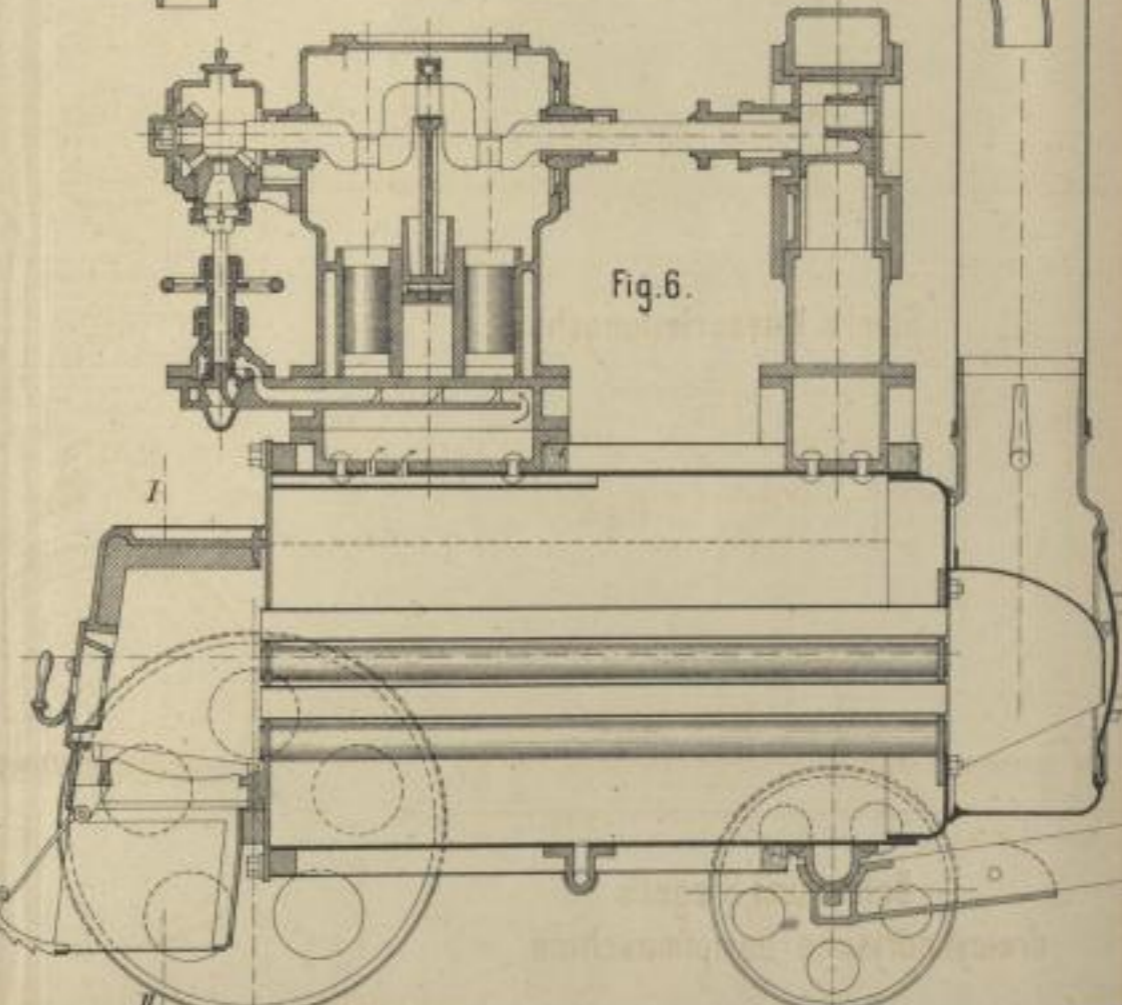
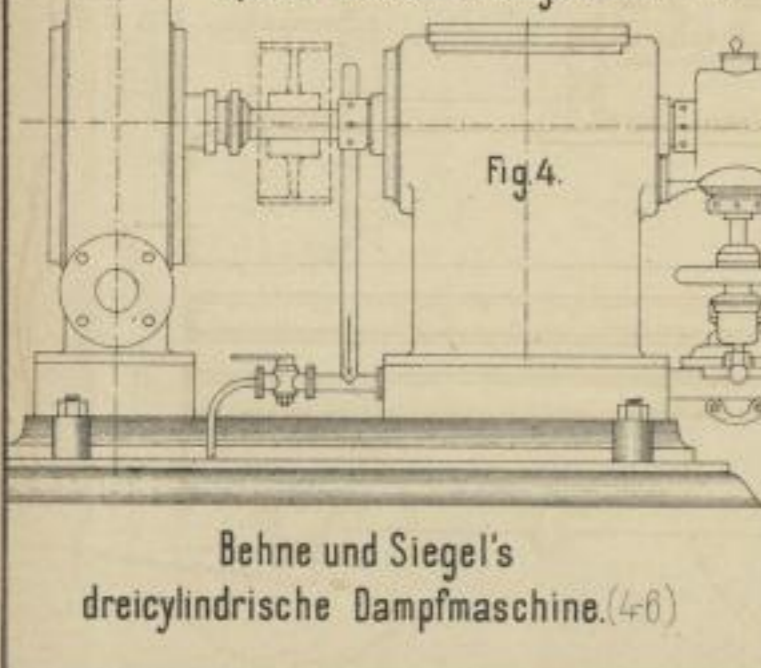


Fig.6.



### Spiel's Wasserleitungshahn.(7-11)

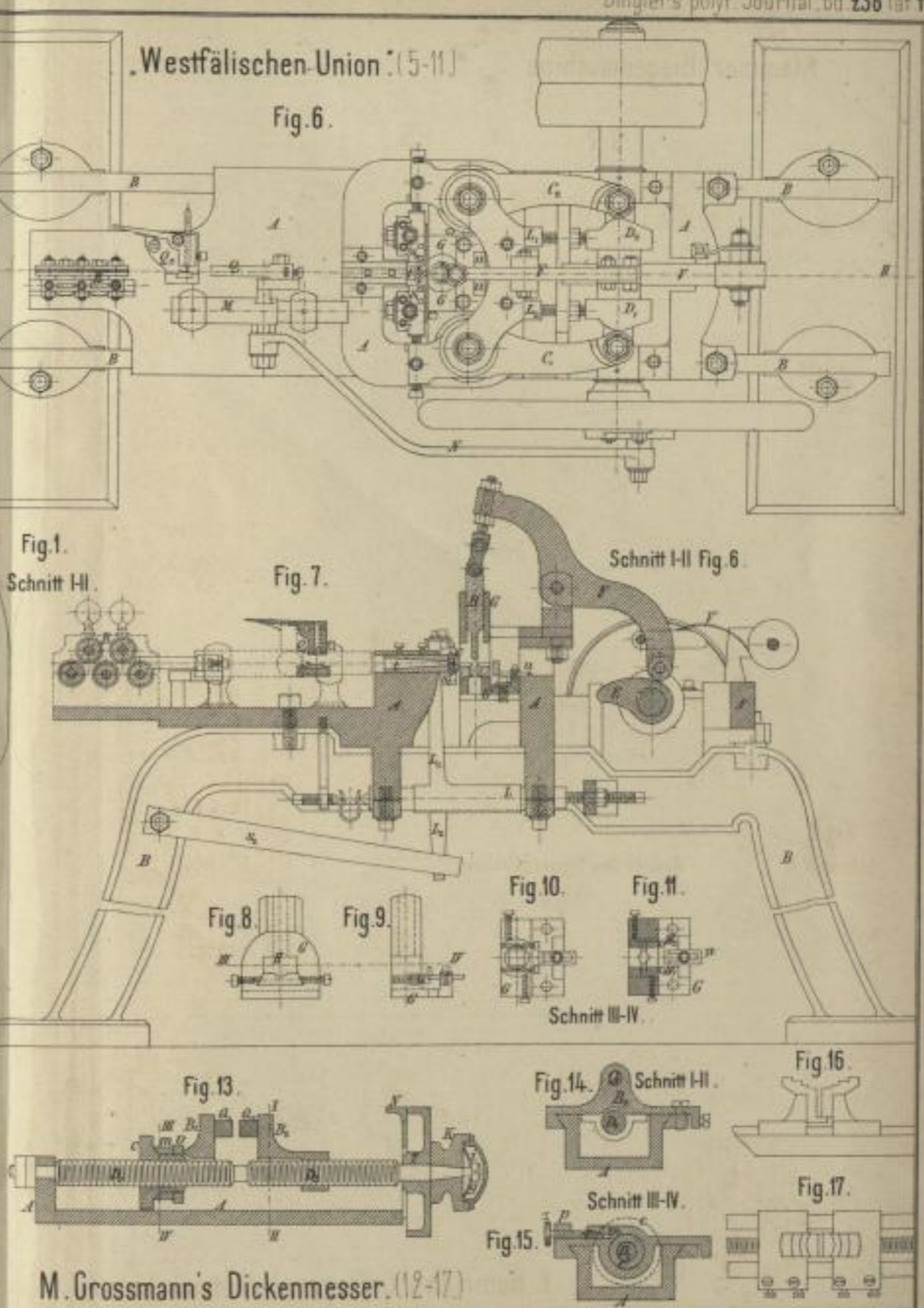
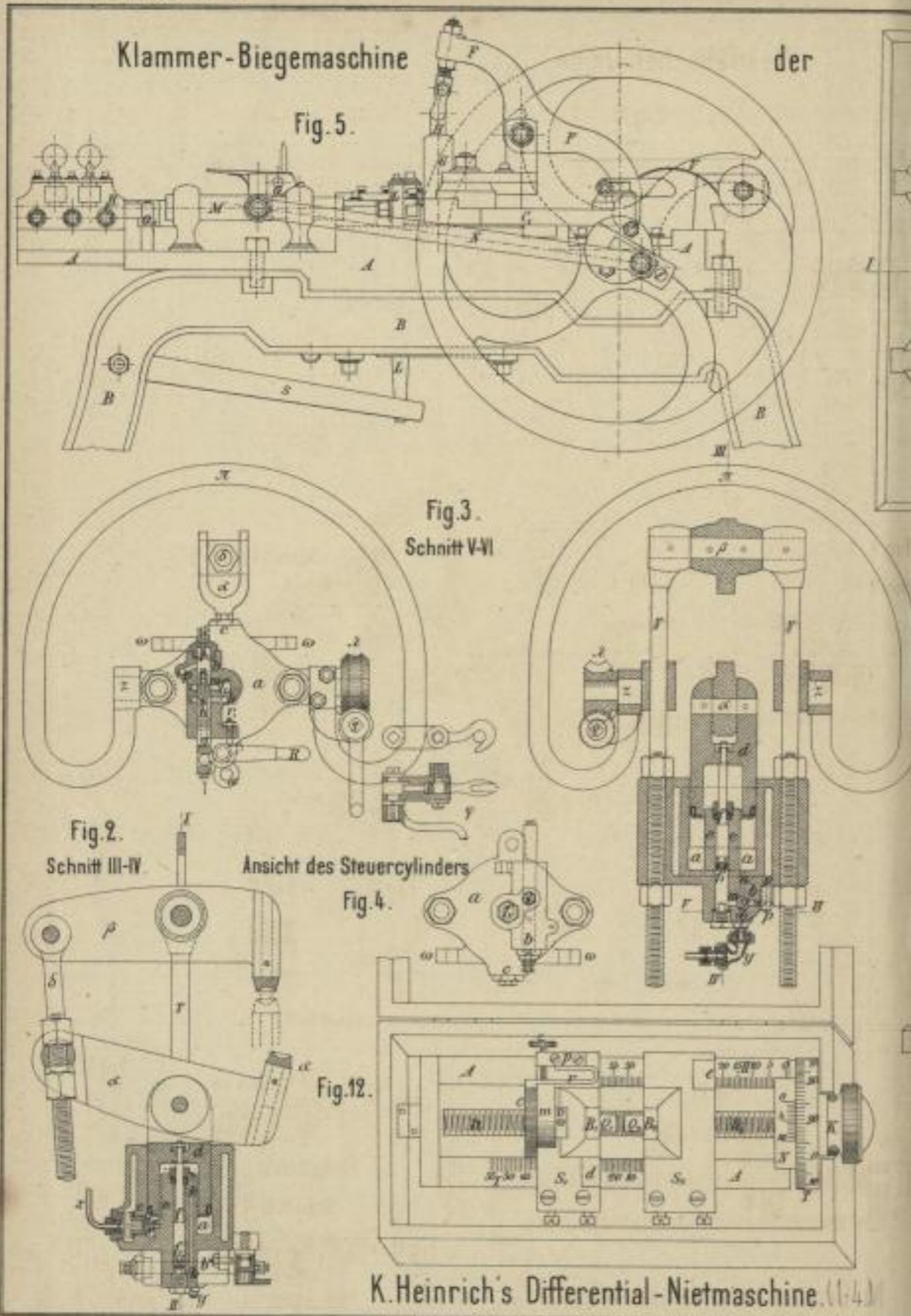
Fig.4.



### Behne und Siegel's dreicylindrische Dampfmaschine.(4-6)

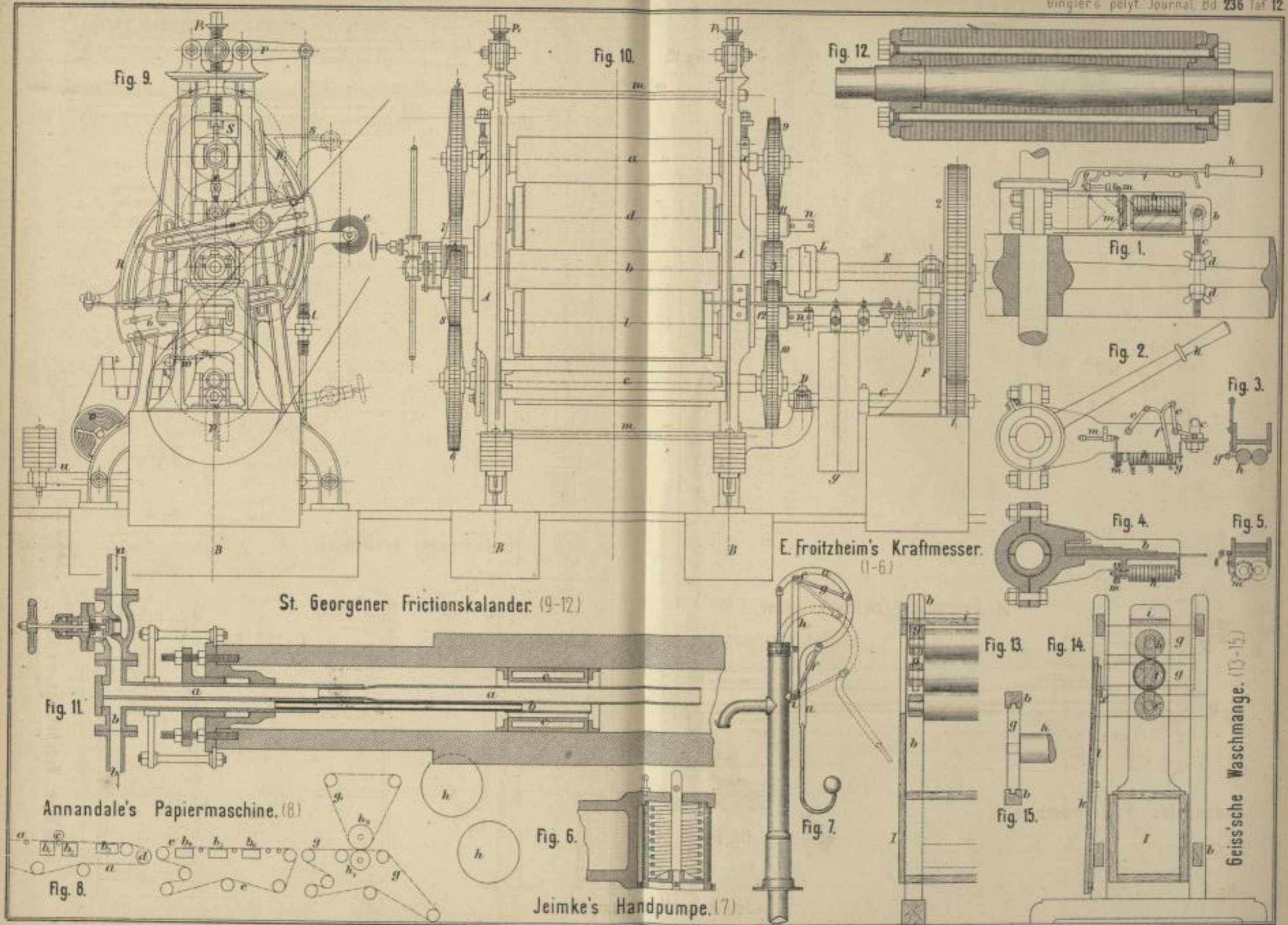
lith. Anst. v. J. Witz, Darmstadt.





Lith. Anst. v. F. W. v. Darmstadt.





St. Georgener Frictionskalender. (9-12.)

E. Froitzheim's Kraftmesser. (1-6.)

Annandale's Papiermaschine. (8.)

Jeimke's Handpumpe. (7.)

Geiss'sche Waschmange. (13-15.)

Lith. Anst. v. F. Witz, Darmstadt.



Neuerungen an Milchschleudermaschinen. (17-24)

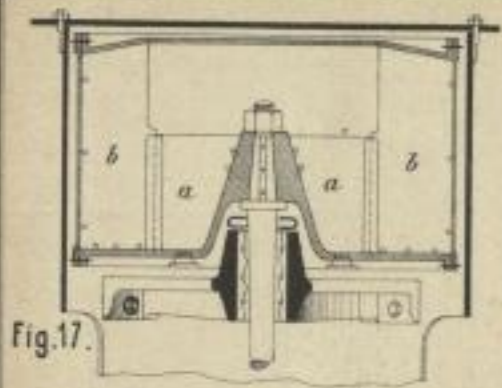


Fig. 17.

Lefeldt und Lentsch (17-20)

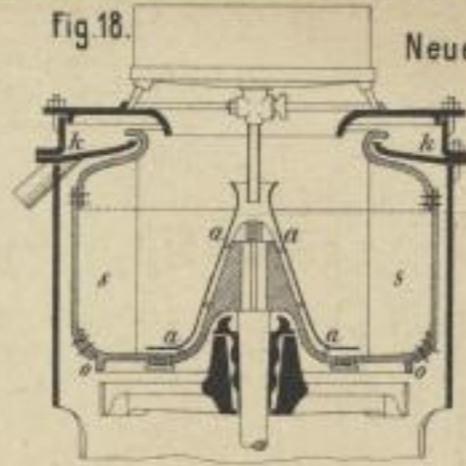


Fig. 18.

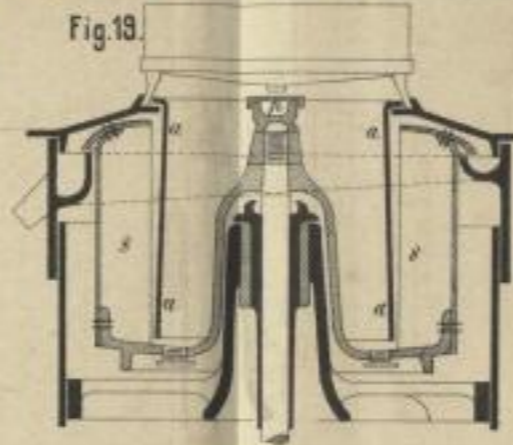


Fig. 19.

Otto Braun. (22-24)

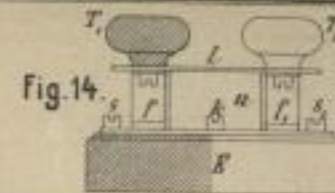


Fig. 14.

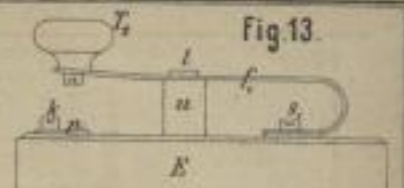


Fig. 13.

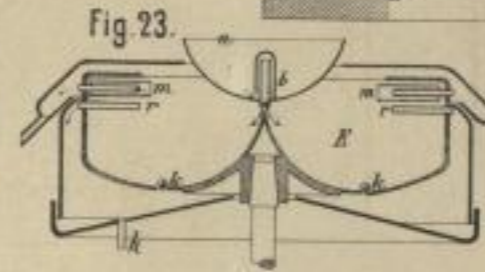


Fig. 23.

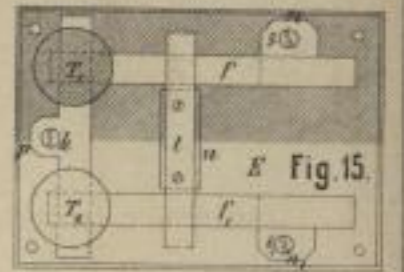


Fig. 15.

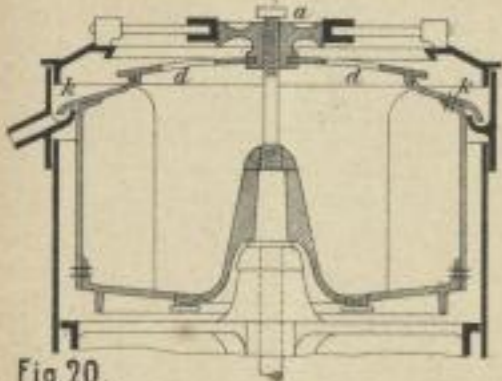


Fig. 20.

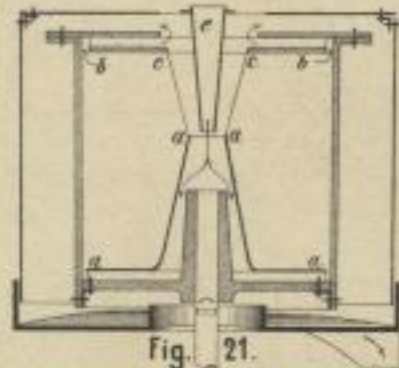


Fig. 21.

A. fesca. (21)

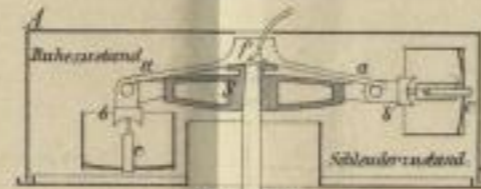


Fig. 22.

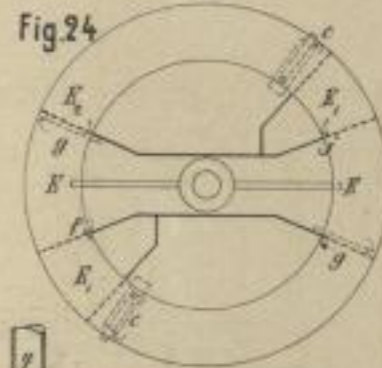


Fig. 24.

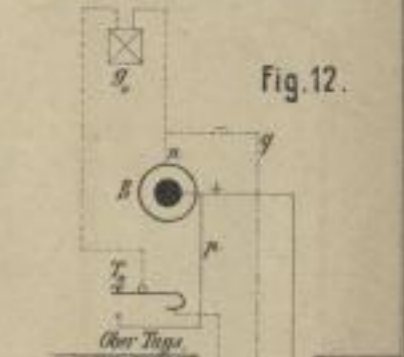


Fig. 12.

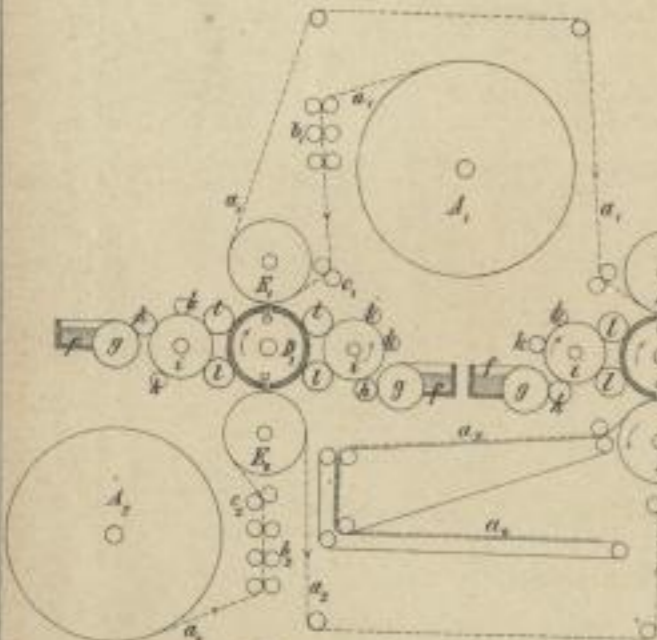


Fig. 11.

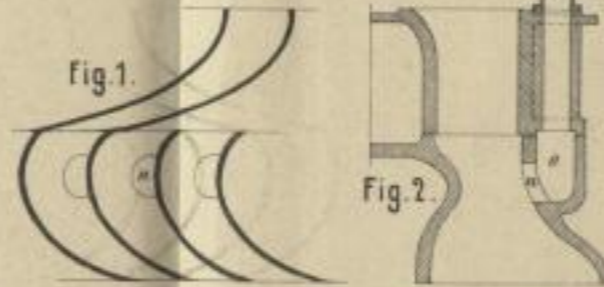


Fig. 1.

Fig. 2.

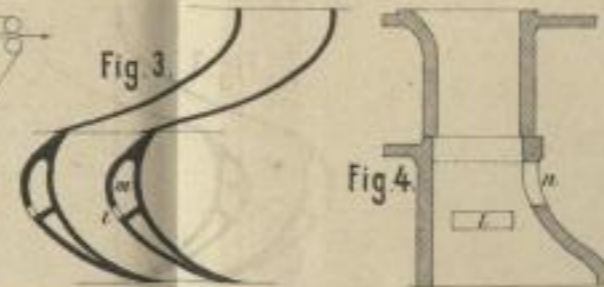


Fig. 3.

Fig. 4.

Wilson's Element (16)

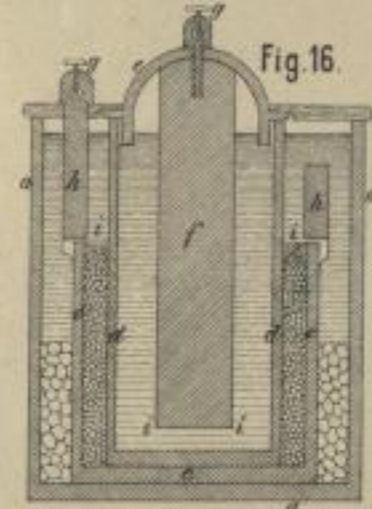


Fig. 16.

J. Lehmann's Achsialturbine. (1-4)

Schnitt III. Fig. 10.



Fig. 5.



Fig. 6.



Fig. 7.



Fig. 8.

Royle's Rohrknie. (5-8)

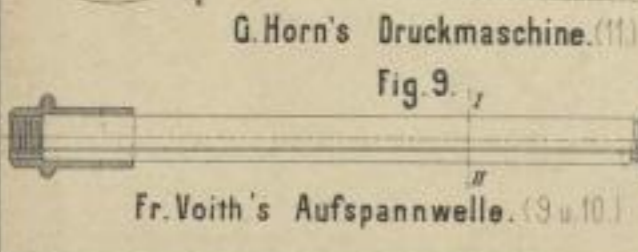
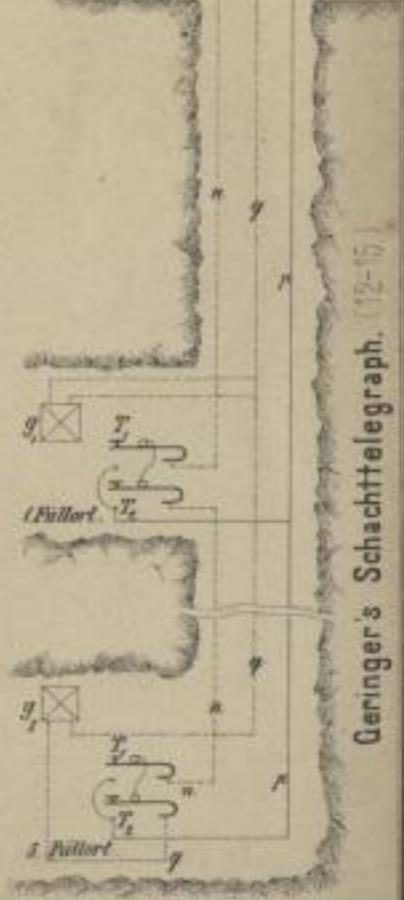


Fig. 9.

Fr. Voith's Aufspannwelle. (9 u. 10)

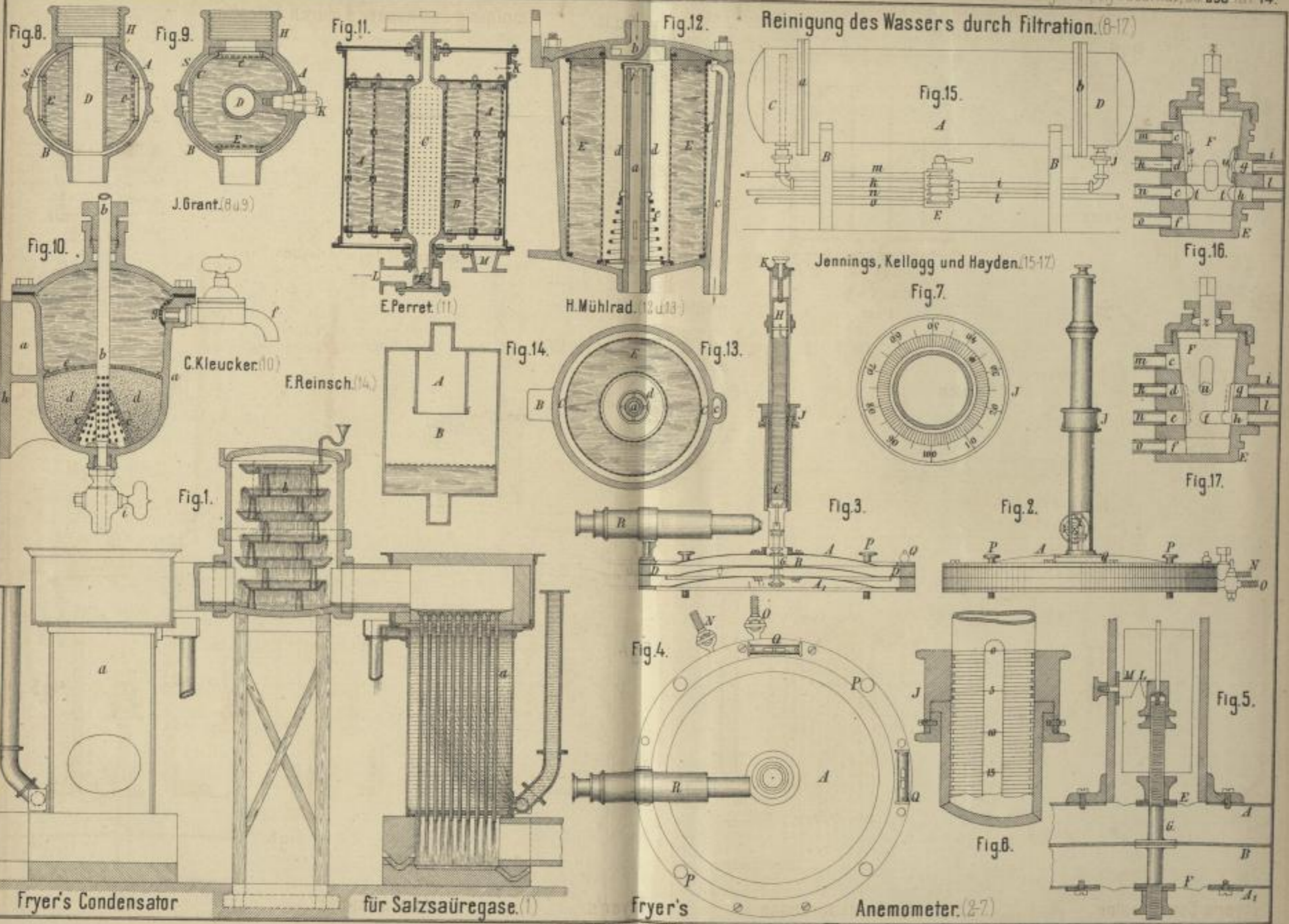


Geringer's Schachtelegraph. (12-15)

Lith. Anst. v. W. v. G. Darmstadt

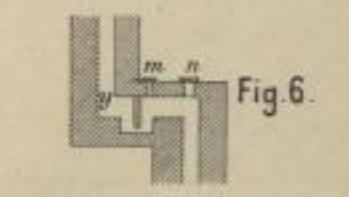
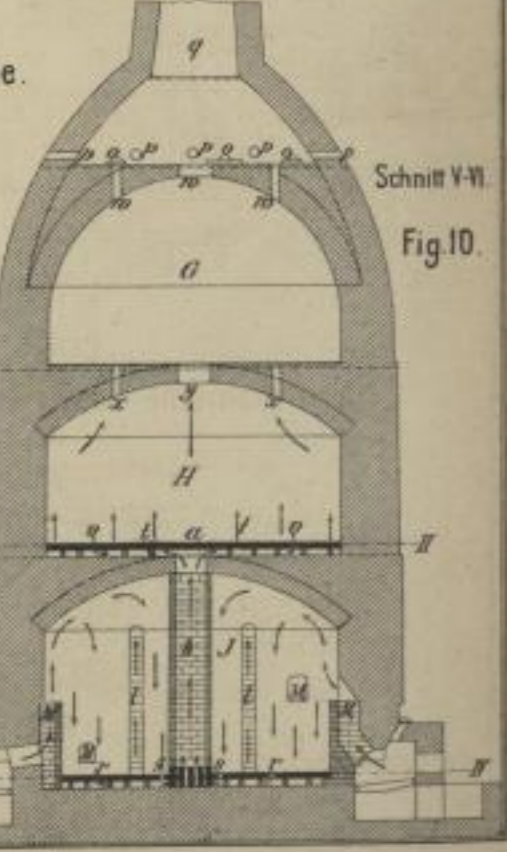
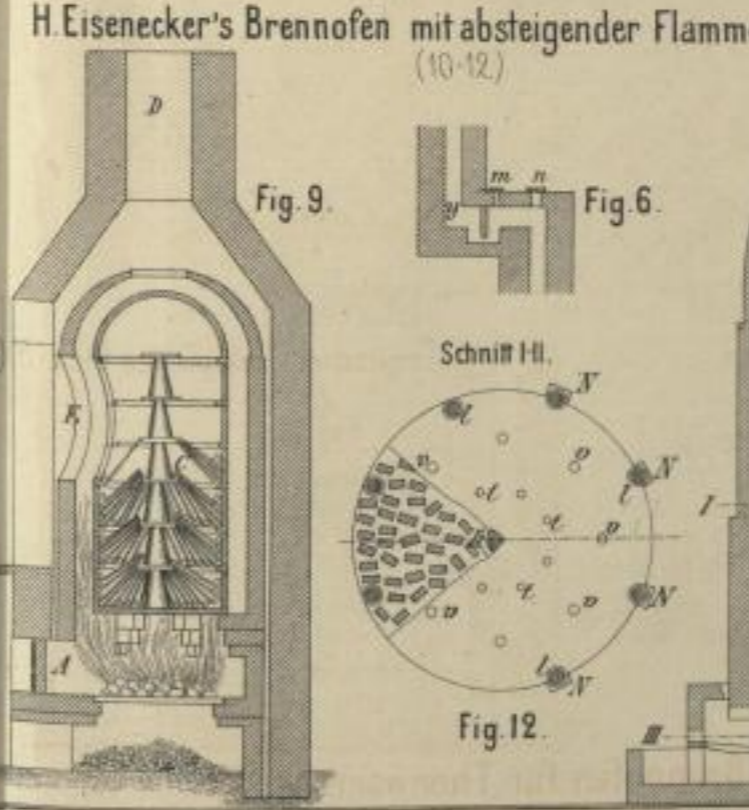
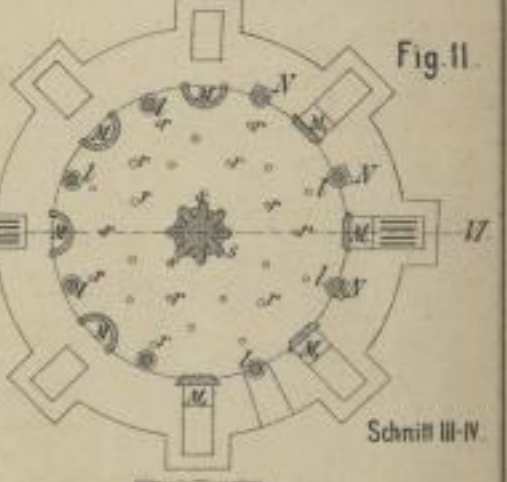
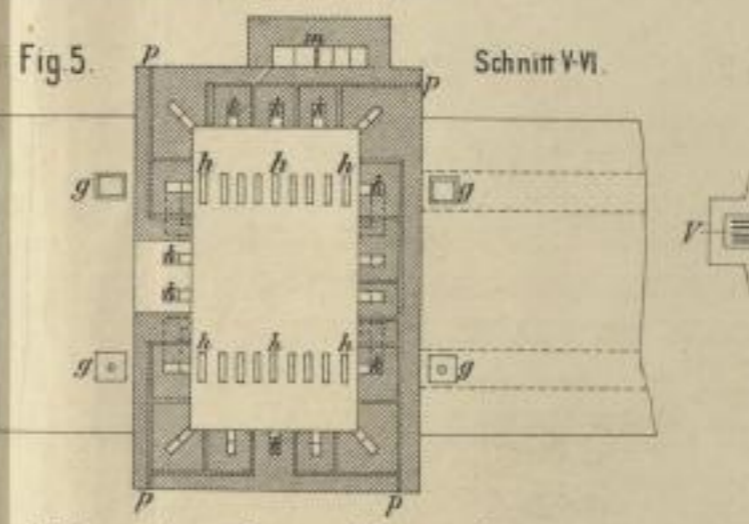
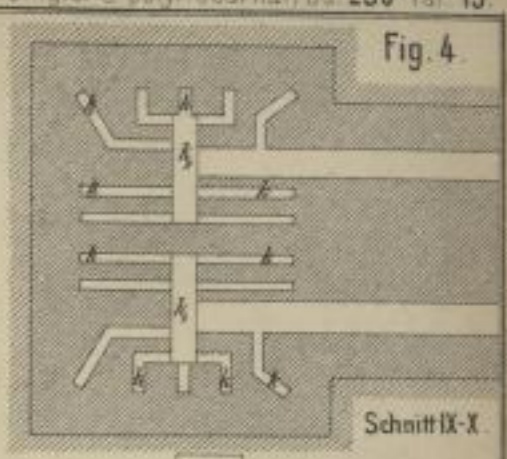
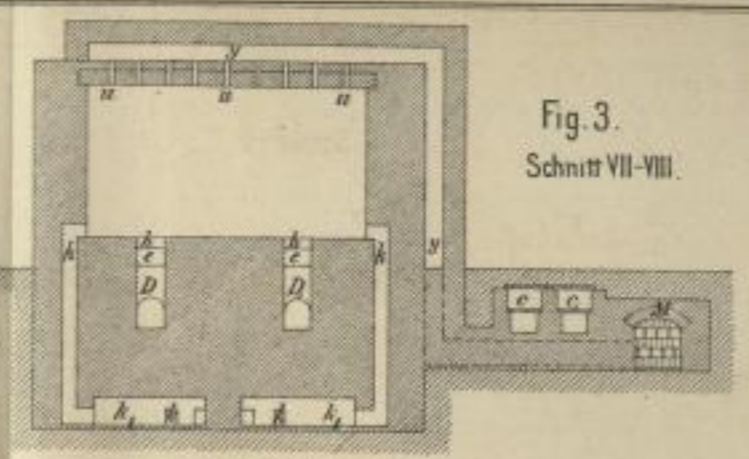
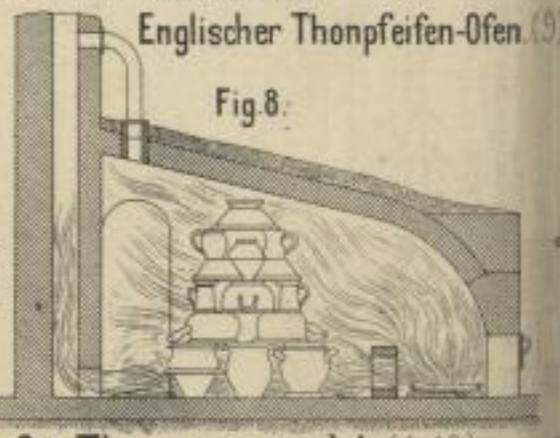
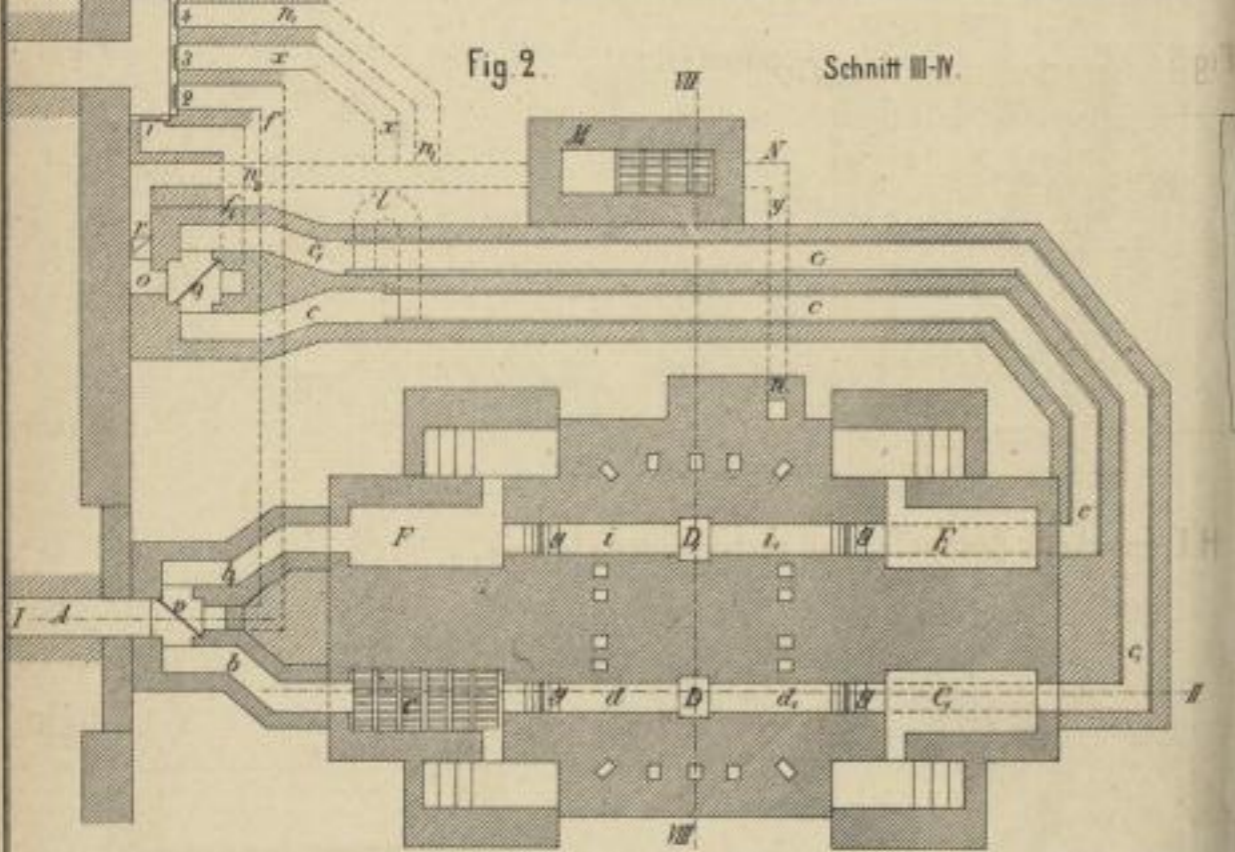
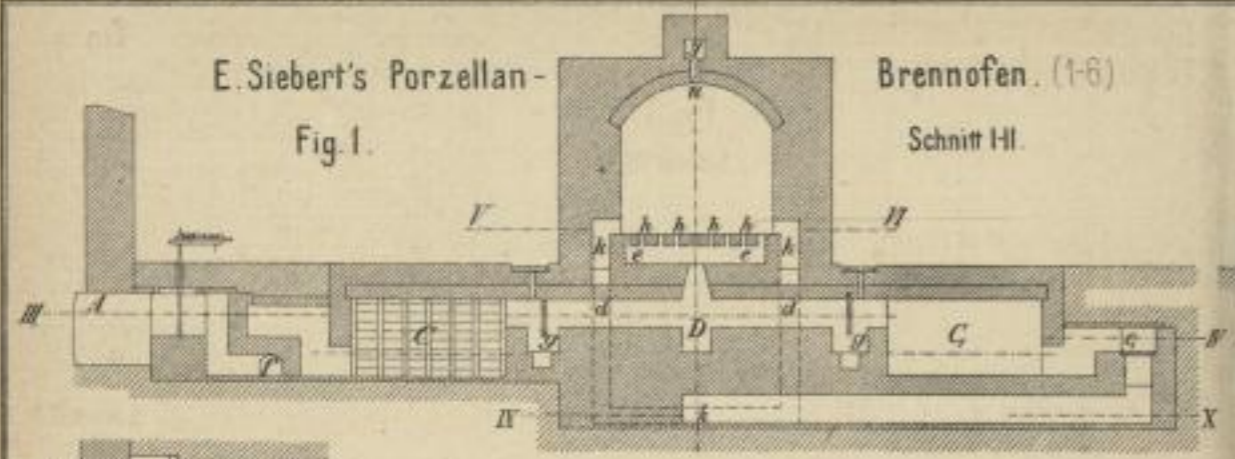






Lehr. Anst. v. F. Wirtz, Darmstadt.



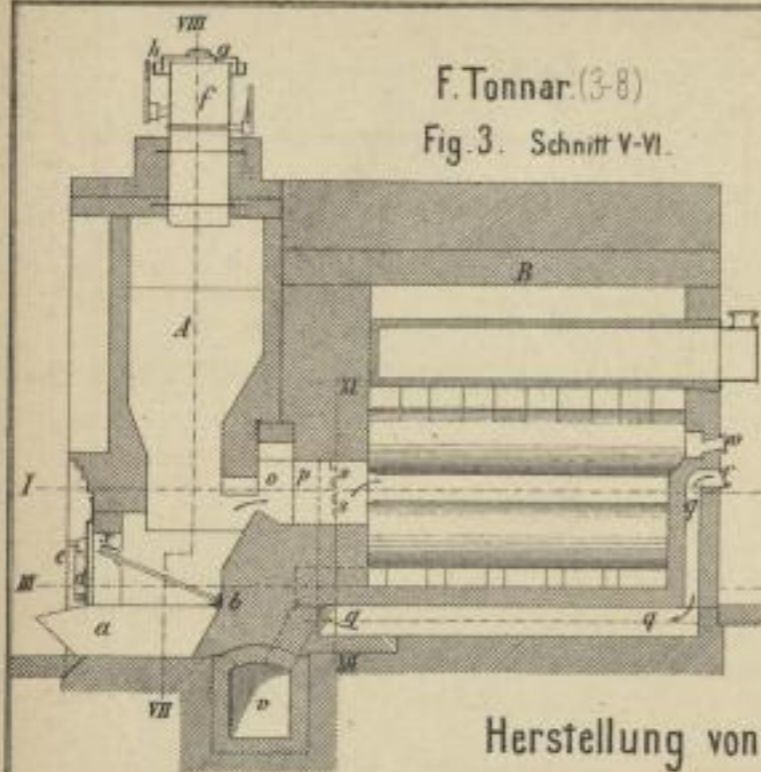


Neuerungen an Brennöfen für Thonwaren u. dgl. (1-12)

Lith. Anstalt v. W. G. Neumann



F. Tonnar. (3-8)  
Fig. 3. Schnitt V-VI.



Schnitt VII-VIII.  
Fig. 4.

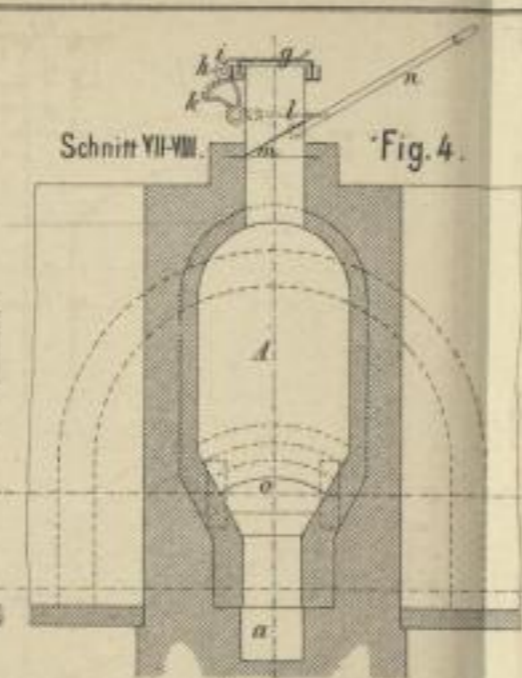


Fig. 17.

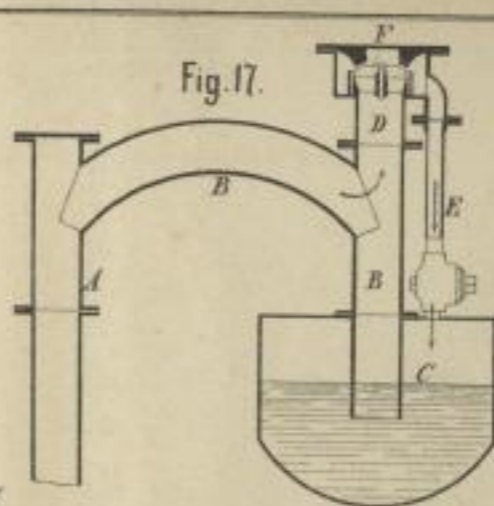
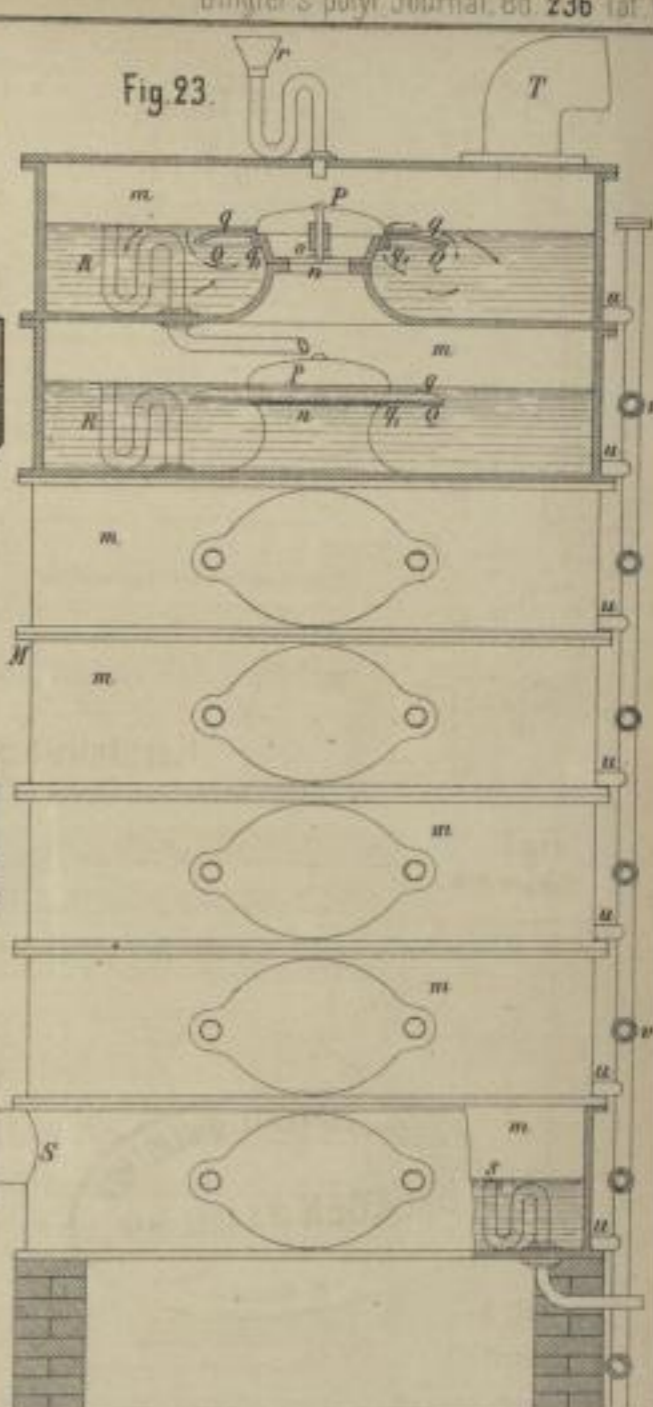


Fig. 23.



Herstellung von Leuchtgas. (Taf. 6 u. 16.)  
Fig. 6. Schnitt XI-XII.

Fig. 7.  
Schnitt III-IV.

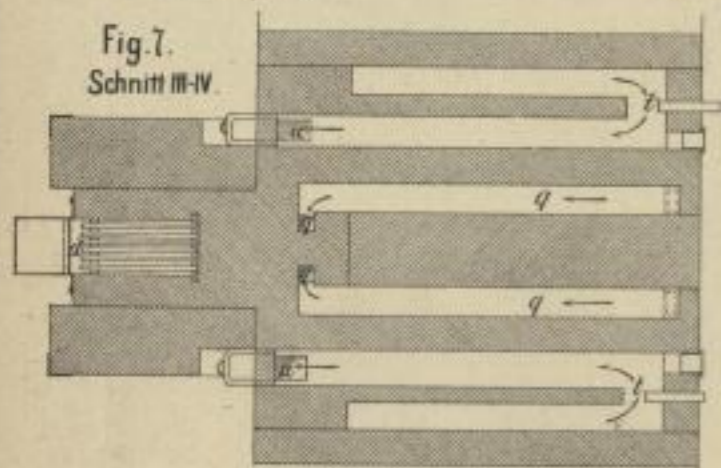


Fig. 6. Schnitt XI-XII.

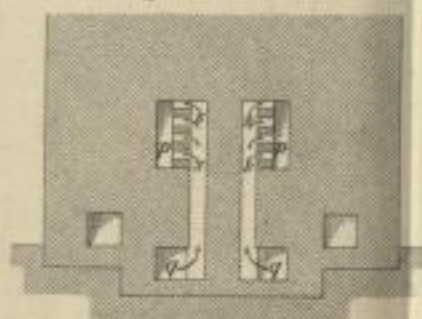
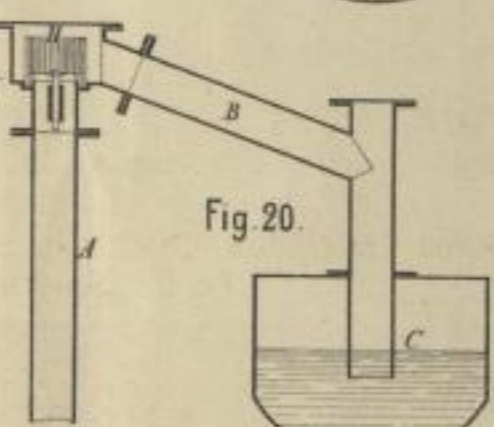


Fig. 20.



W. Young. (17-23)

Fig. 21.

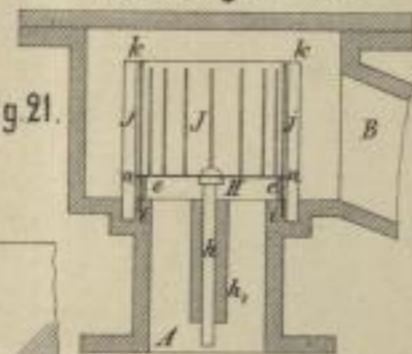


Fig. 5. Schnitt IX-X.

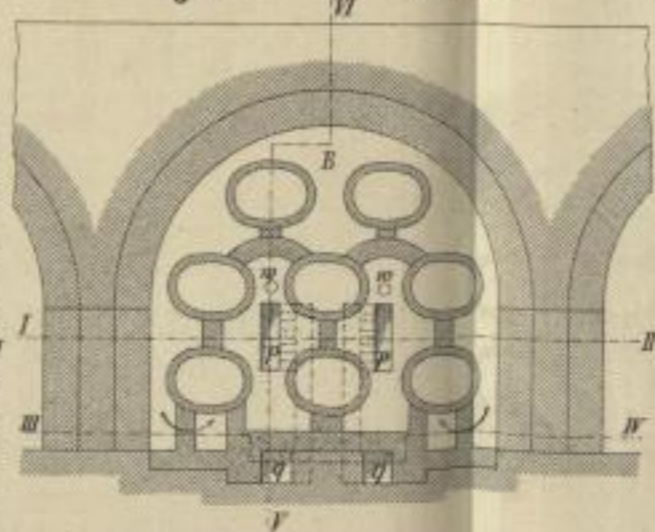


Fig. 18.

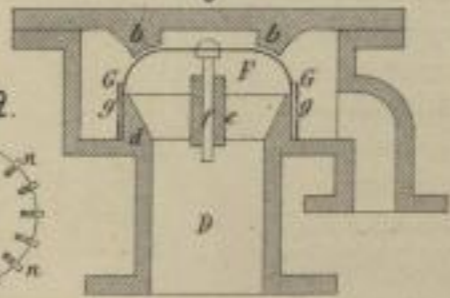
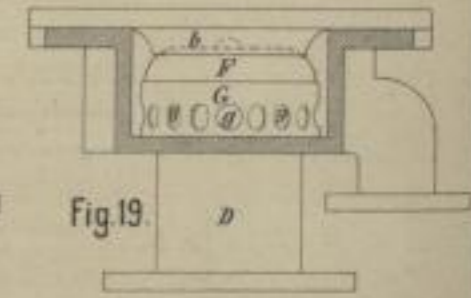


Fig. 22.



Fig. 19.



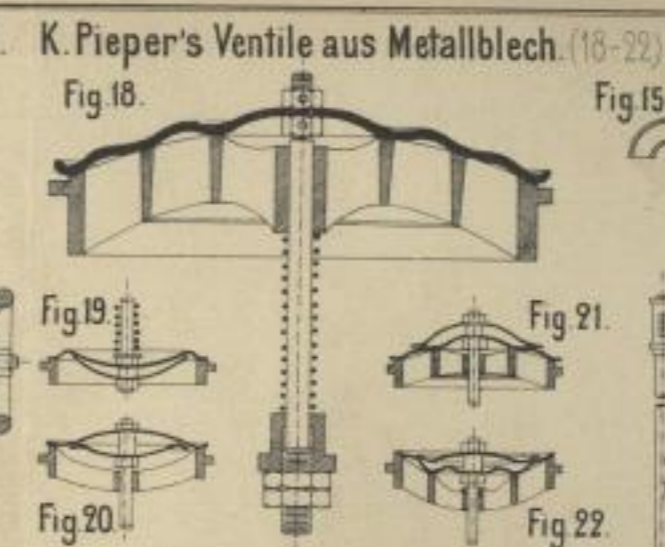
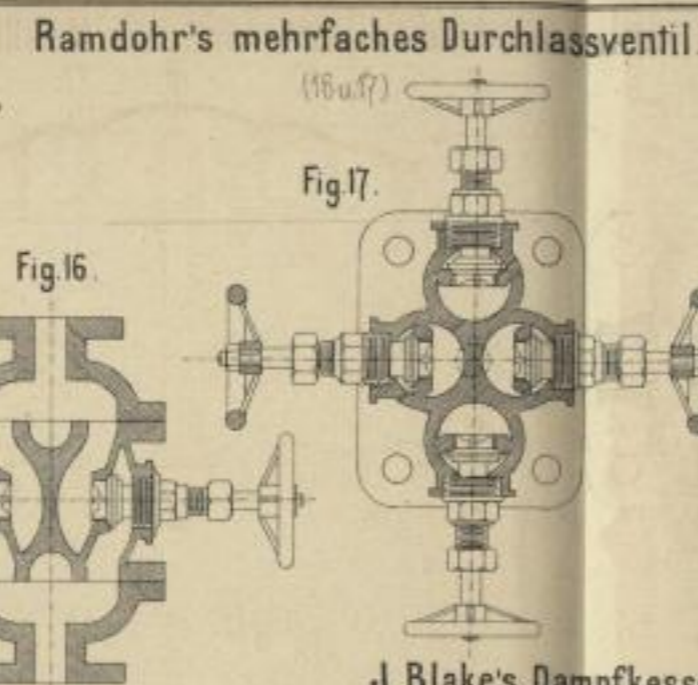
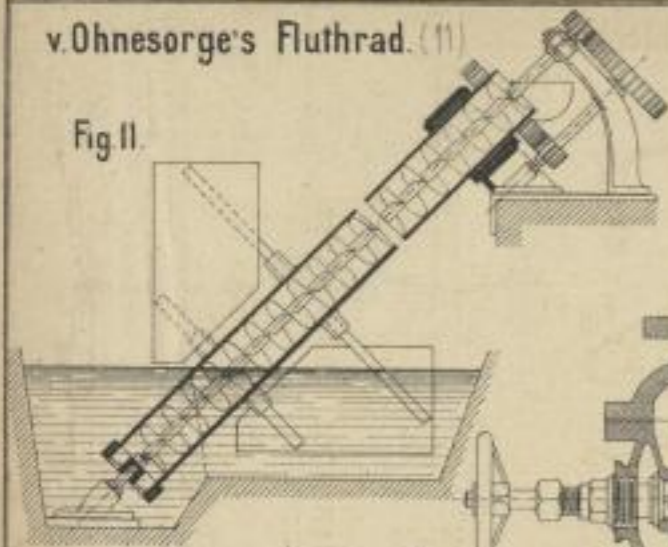
lith. Anstalt. von F. Woes, Darmstadt.



v. Ohnesorge's Fluthrad. (11)

Ramdohr's mehrfaches Durchlassventil. (16 u. 17)

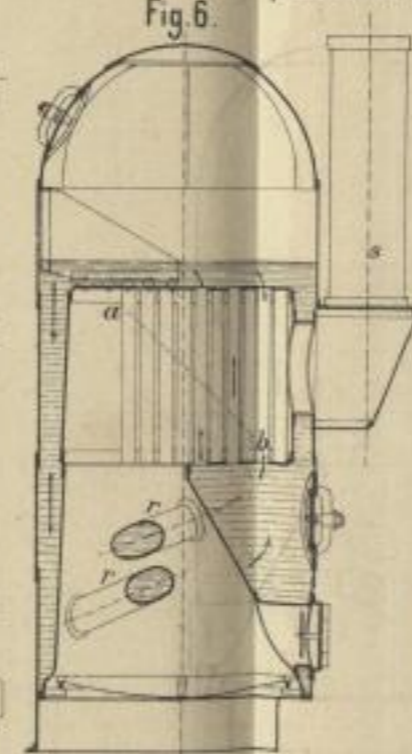
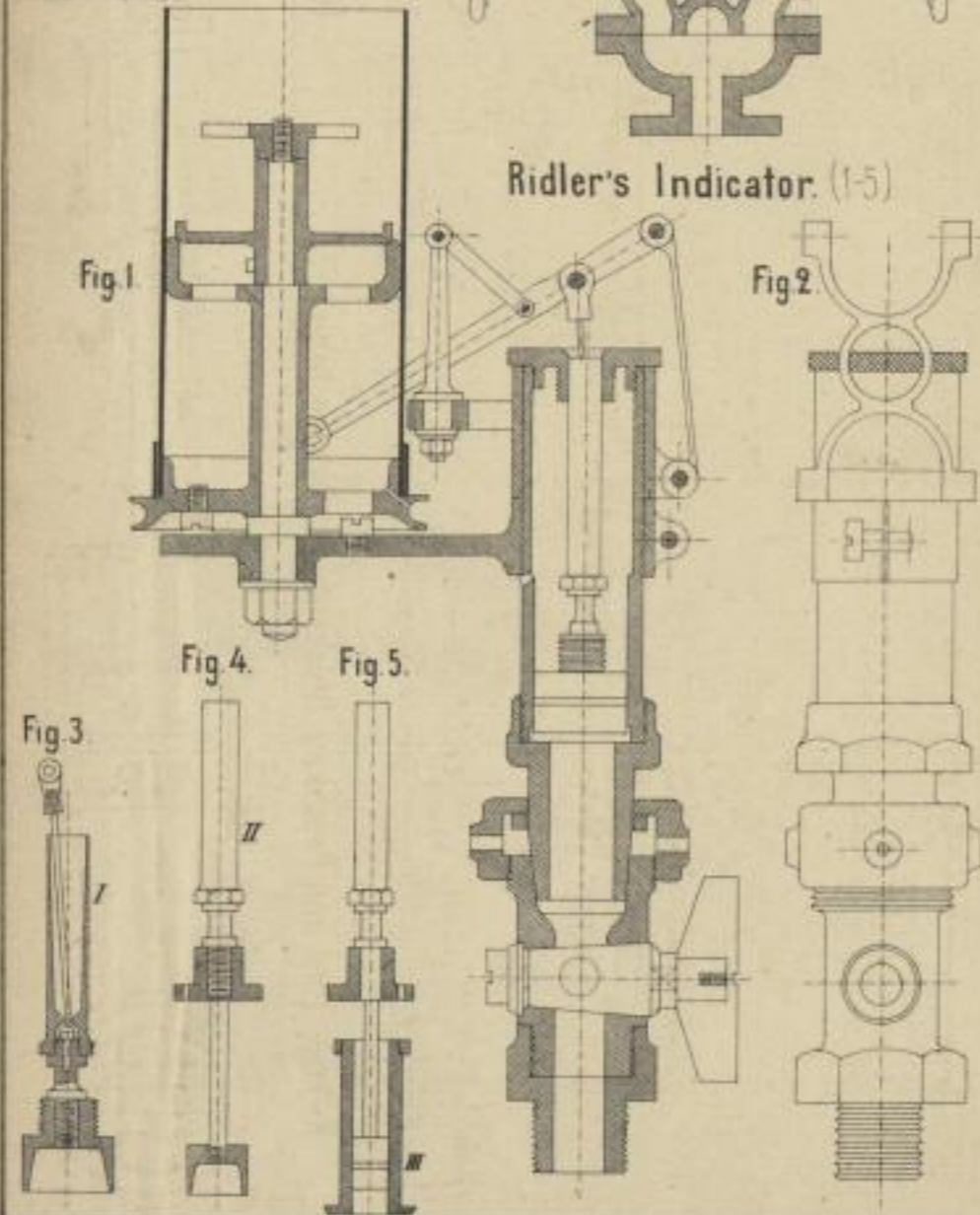
K. Pieper's Ventile aus Metallblech. (18-22)



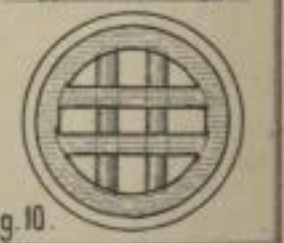
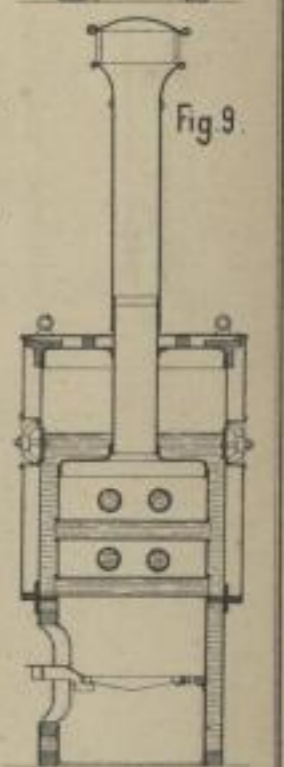
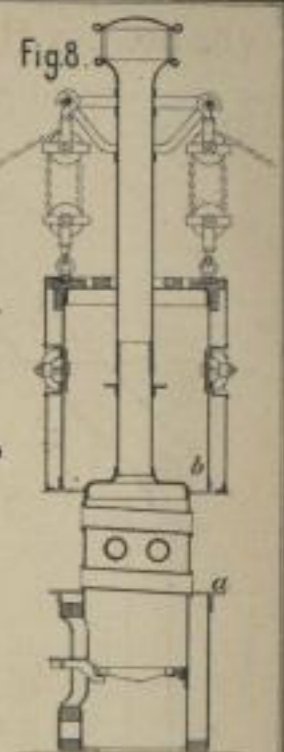
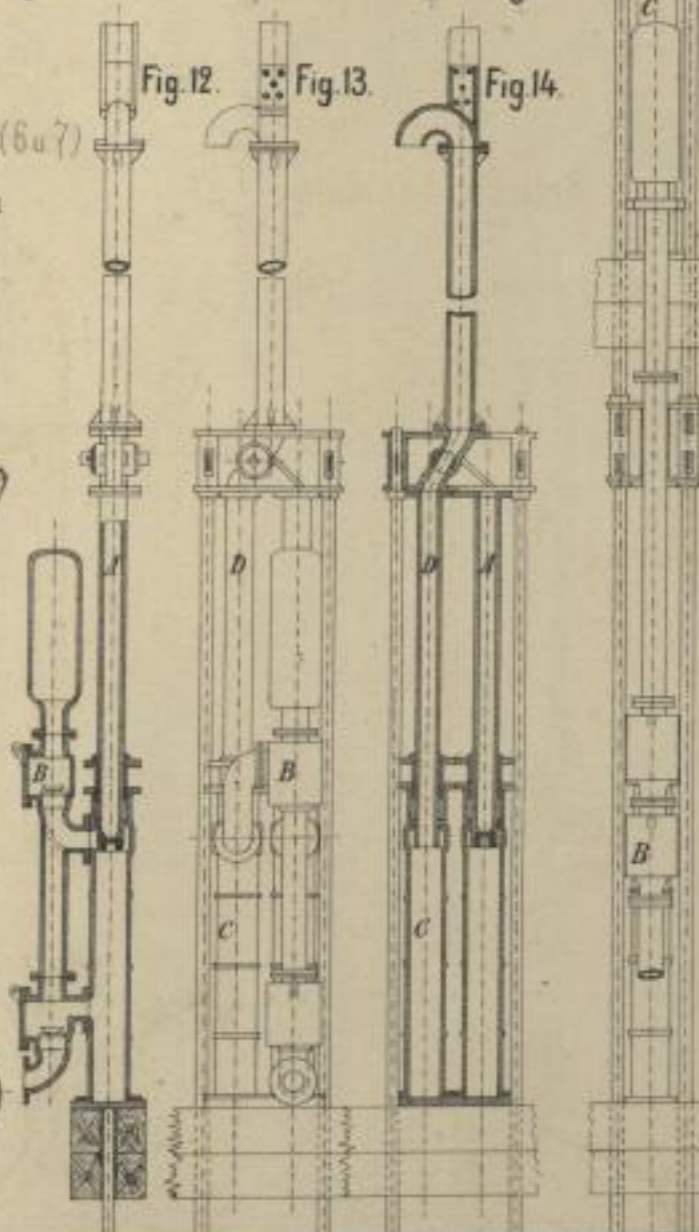
Ridler's Indicator. (1-5)

J. Blake's Dampfkessel. (6 u. 7)

Henniges' Dampfkessel. (8-10)



Richter, Tittel und Paschke's Drucksatz mit Rohrgestänge. (12-15)

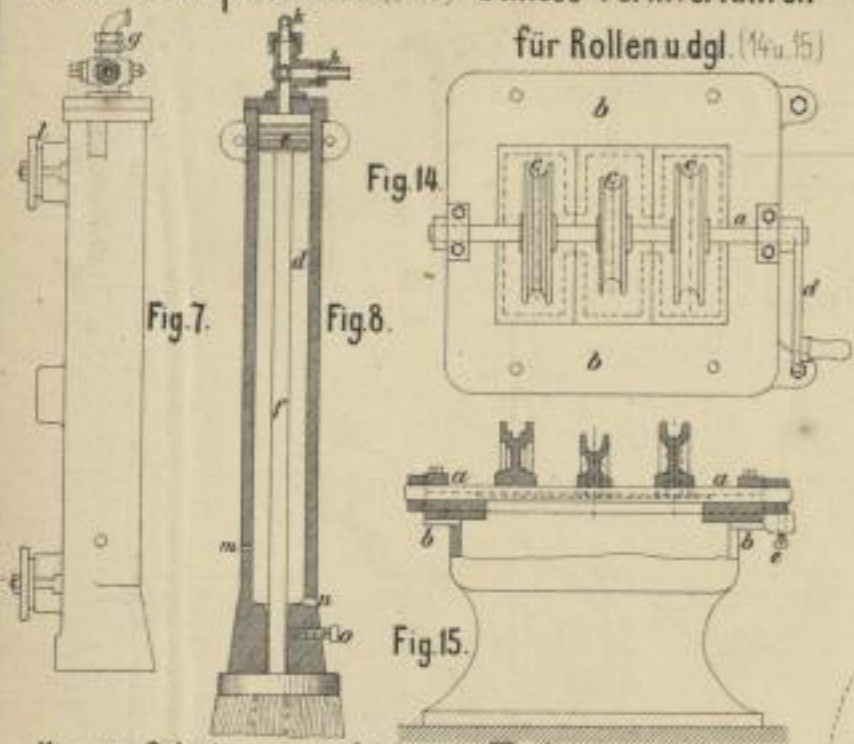


Lith. Anstalt v. P. & S. J. Arnstadt.

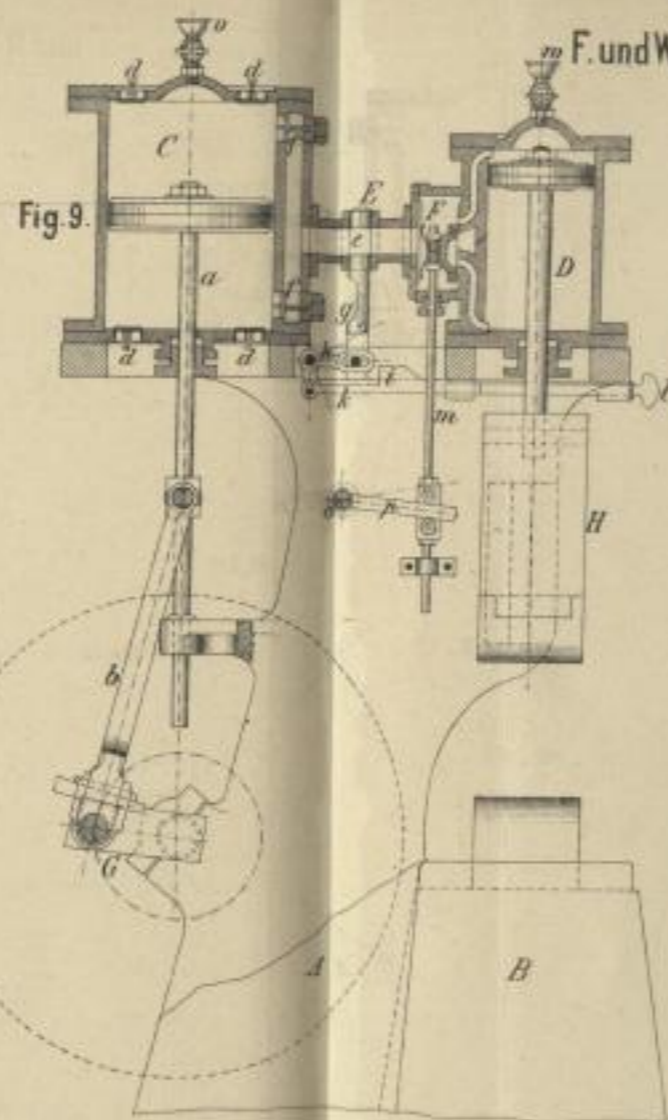
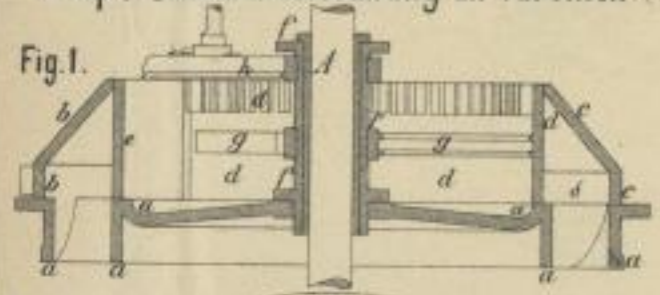


Lacour's Dampfhammer. (7u8) Schiess' Formverfahren

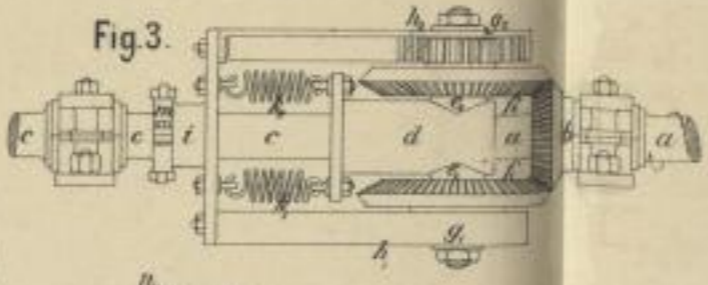
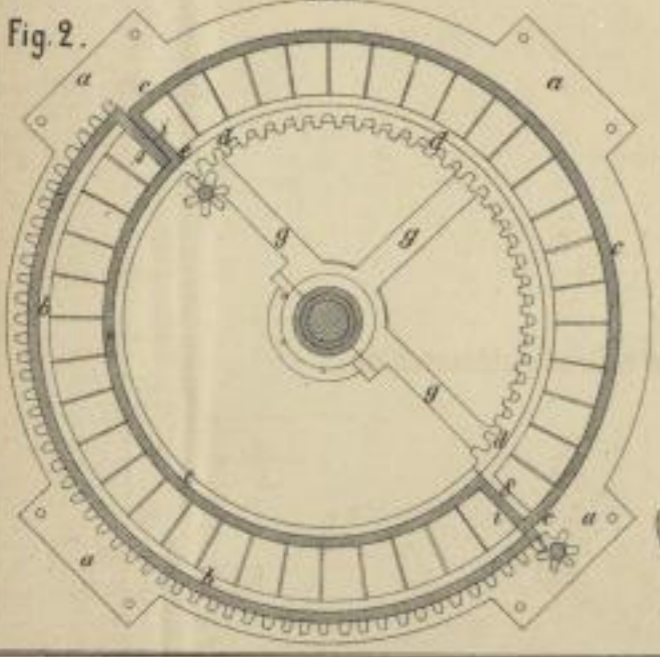
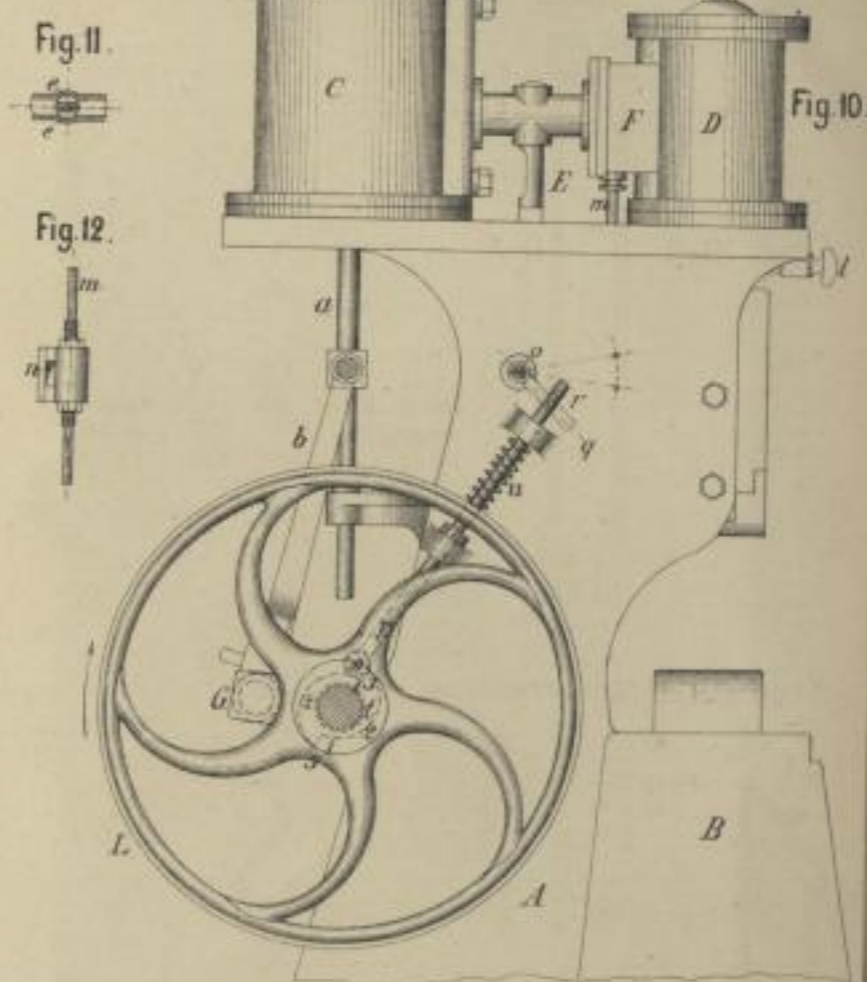
für Rollen u dgl. (14u 15)



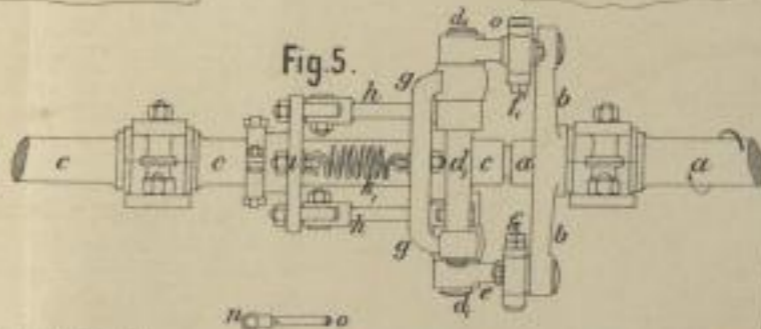
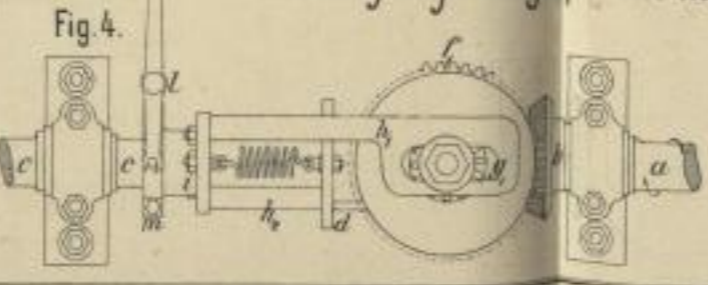
Knop's Schützenvorrichtung an Turbinen. (1u 2)



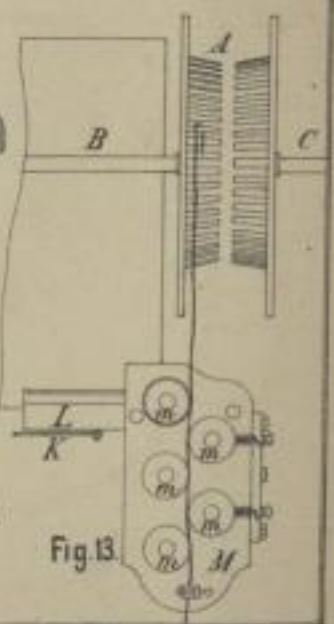
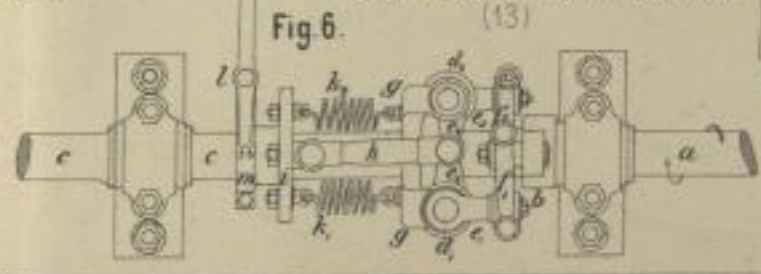
F. und W. Sturm's pneumatischer Schmieדהammer. (9-12)



Bourry's dynamographische Kurbel. (3-6)

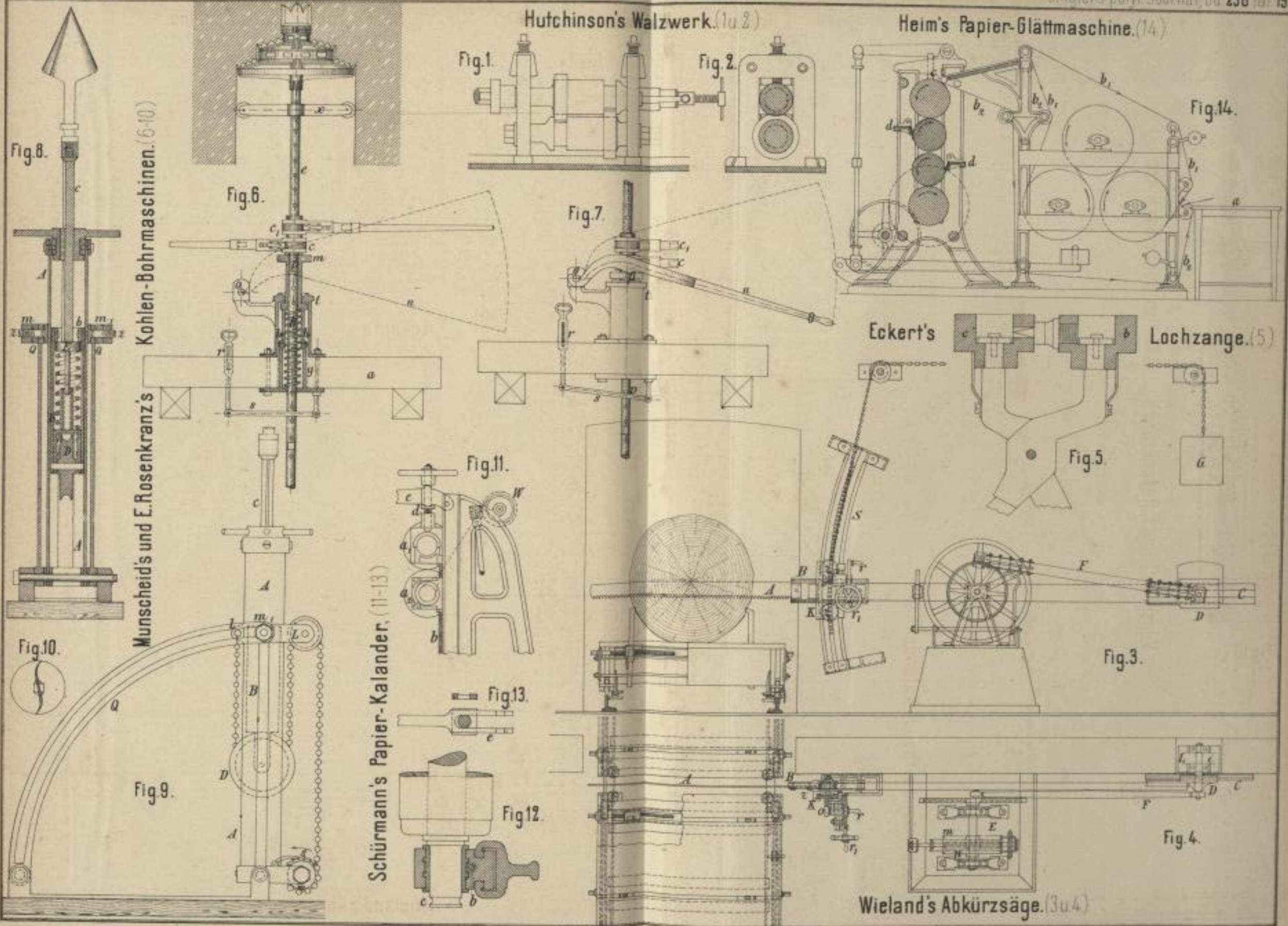


Böcker's Drahtrichtmaschine. (13)



Zeich. d. Hrn. F. W. Sturm





Lith. Anst. v. F. W. v. Darmstadt.



Hackett's Brunnen. (16)

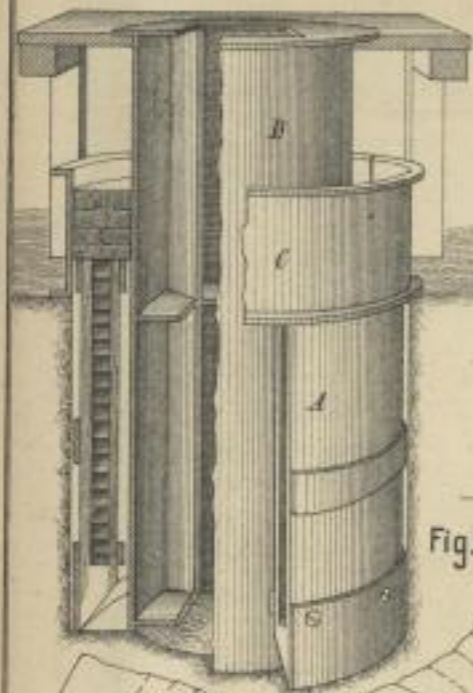


Fig. 16.

Rödelheimer's Rosshaar-Zupfmaschine. (6 u. 7)

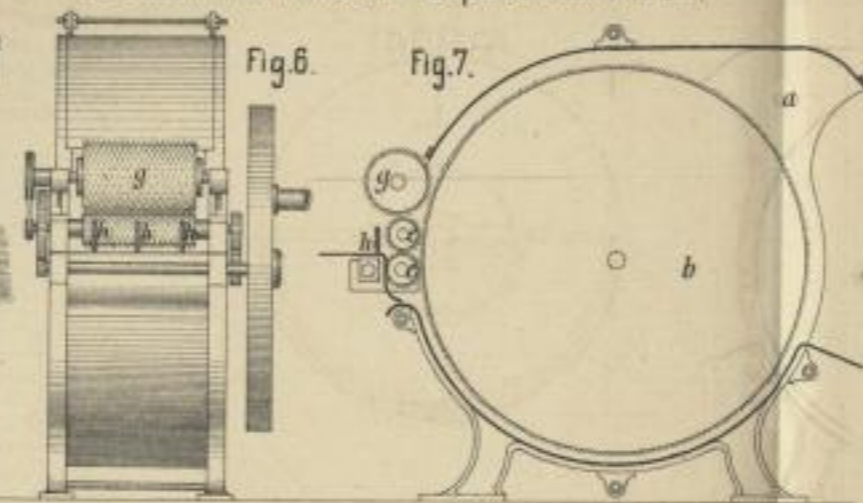


Fig. 6.

Fig. 7.

Lacomme's Trommelgebläse. (1 u. 2)

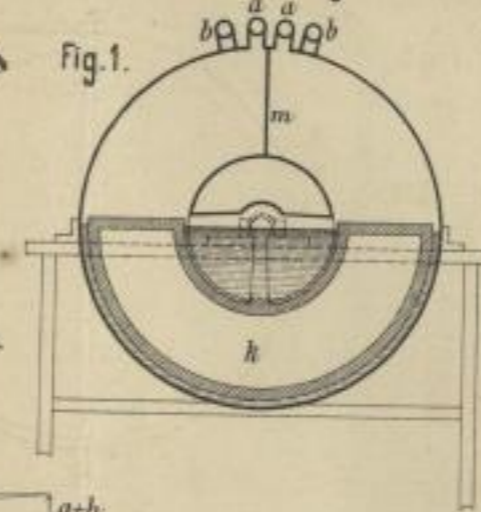


Fig. 1.

Biegungsversuche mit Glas. (10-15)

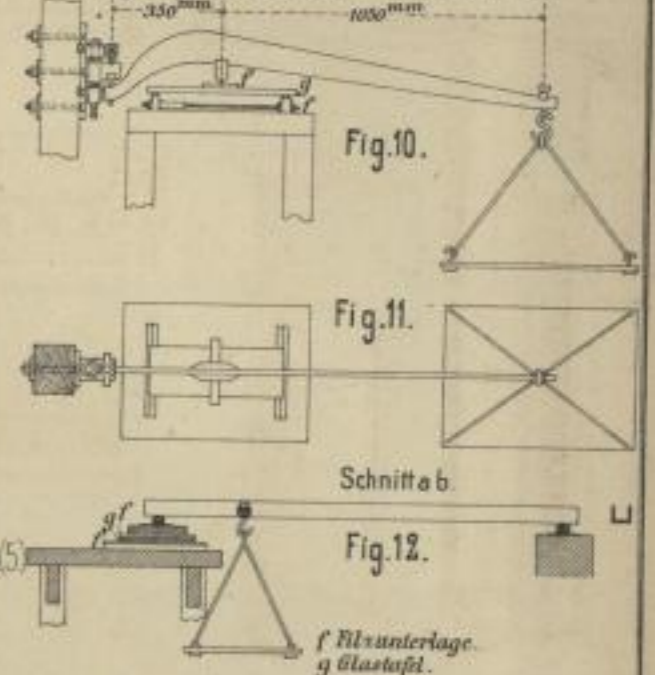


Fig. 10.

Fig. 11.

Fig. 12.

Schnitt a b

f Filzunterlage  
g Glasstift

Fig. 5.

Better's Kettenspannung für Webstühle. (8 u. 9)

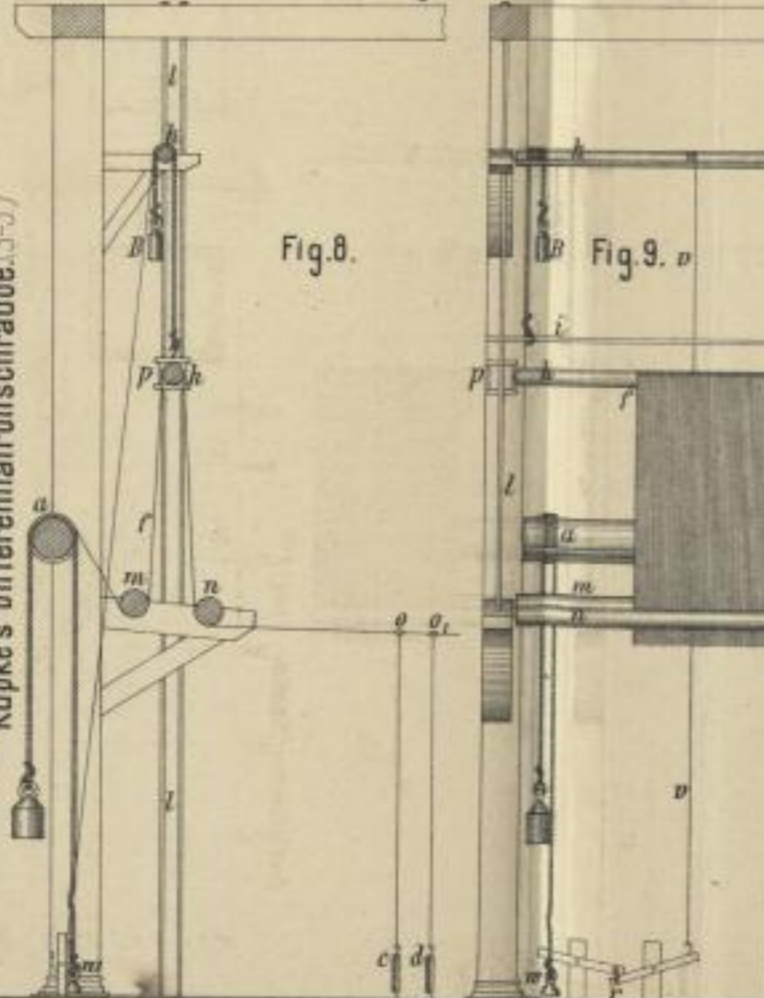


Fig. 8.

Fig. 9.

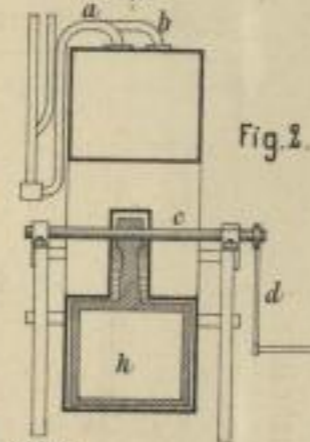


Fig. 2.

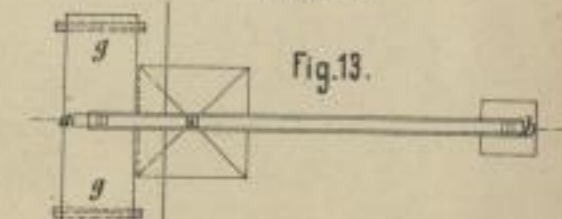
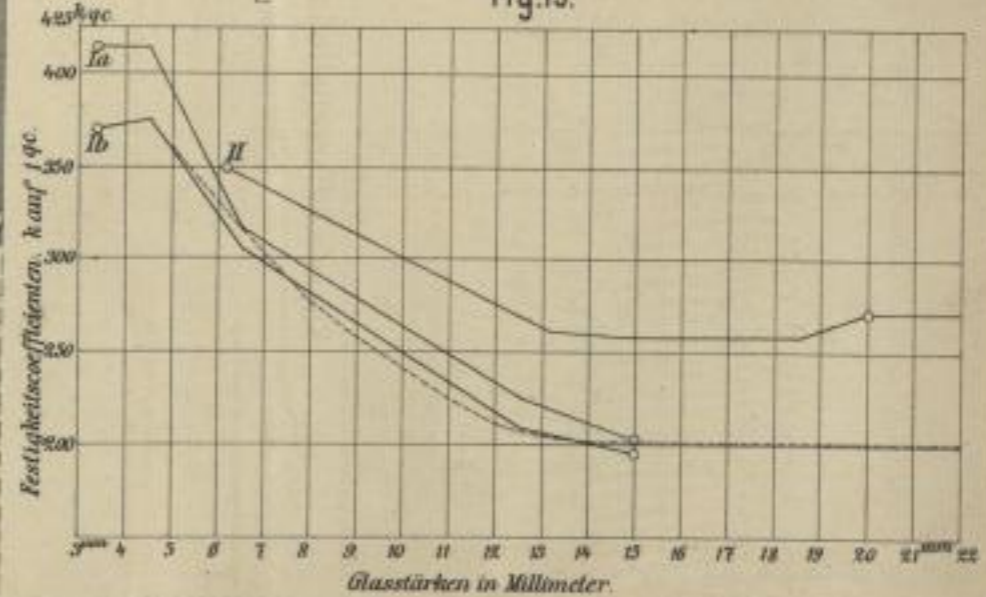


Fig. 13.



Fig. 14.

Fig. 15.



Festigkeitscoefficienten, k auf 1 qc.

Glasstärken in Millimeter.

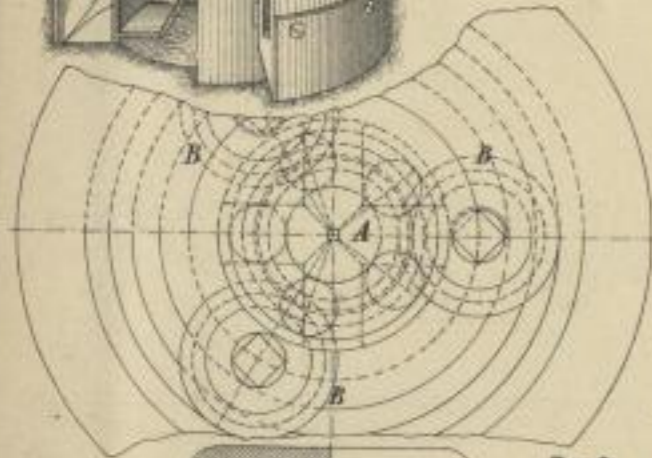
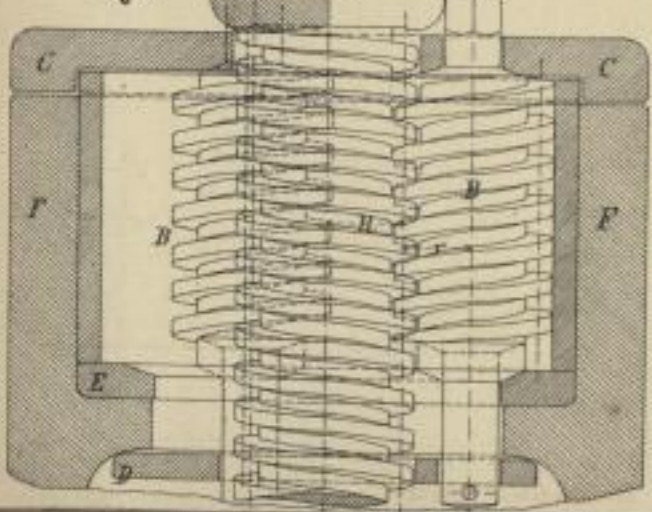


Fig. 3.

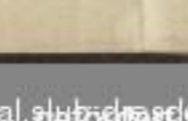
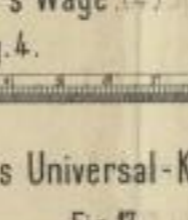
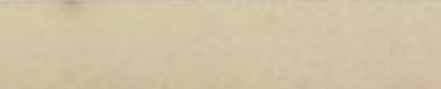
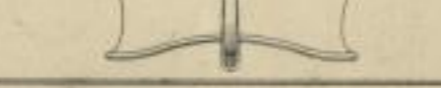
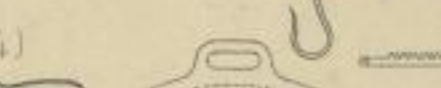
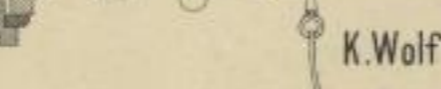
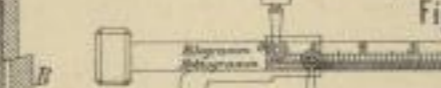
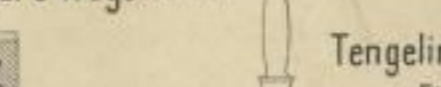
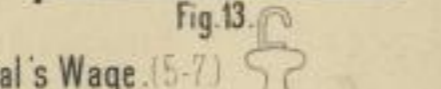
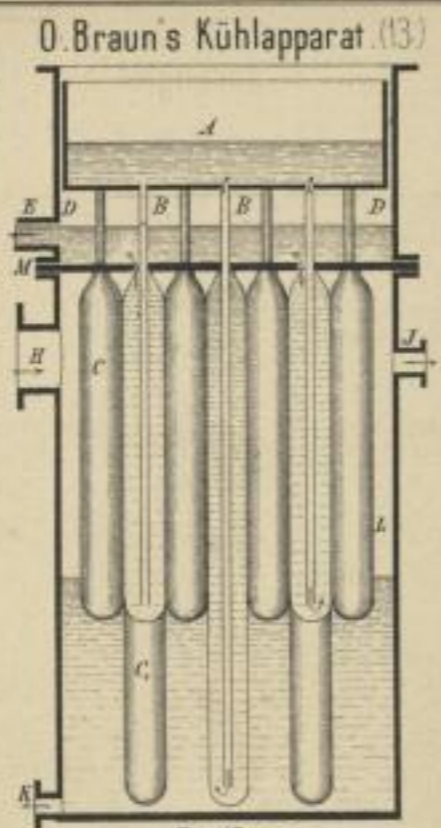
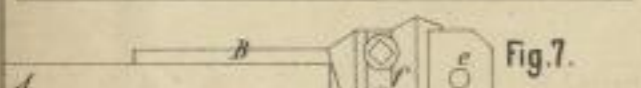
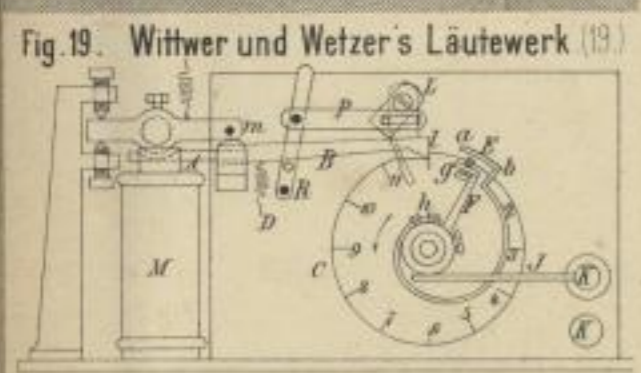
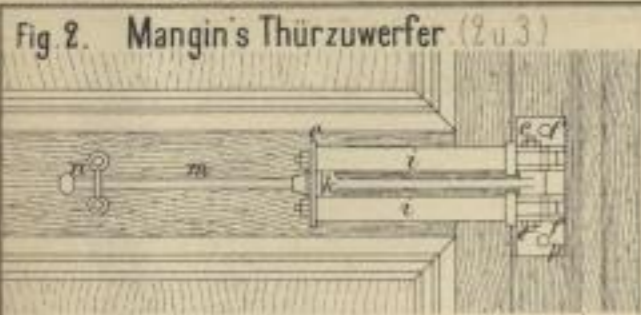
Fig. 4.



Kupke's Differentialrollschraube. (3-5)

Leit. Inst. v. F. Wirtz, Darmstadt.

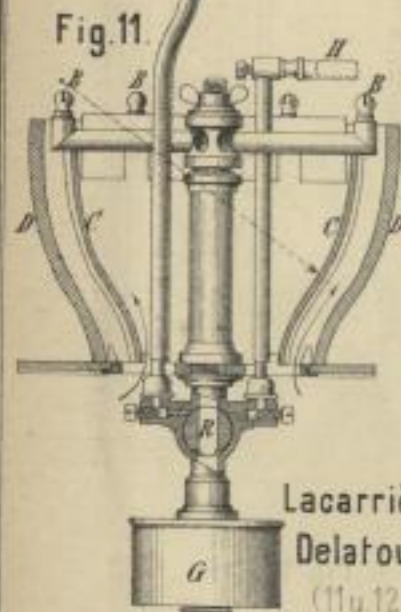
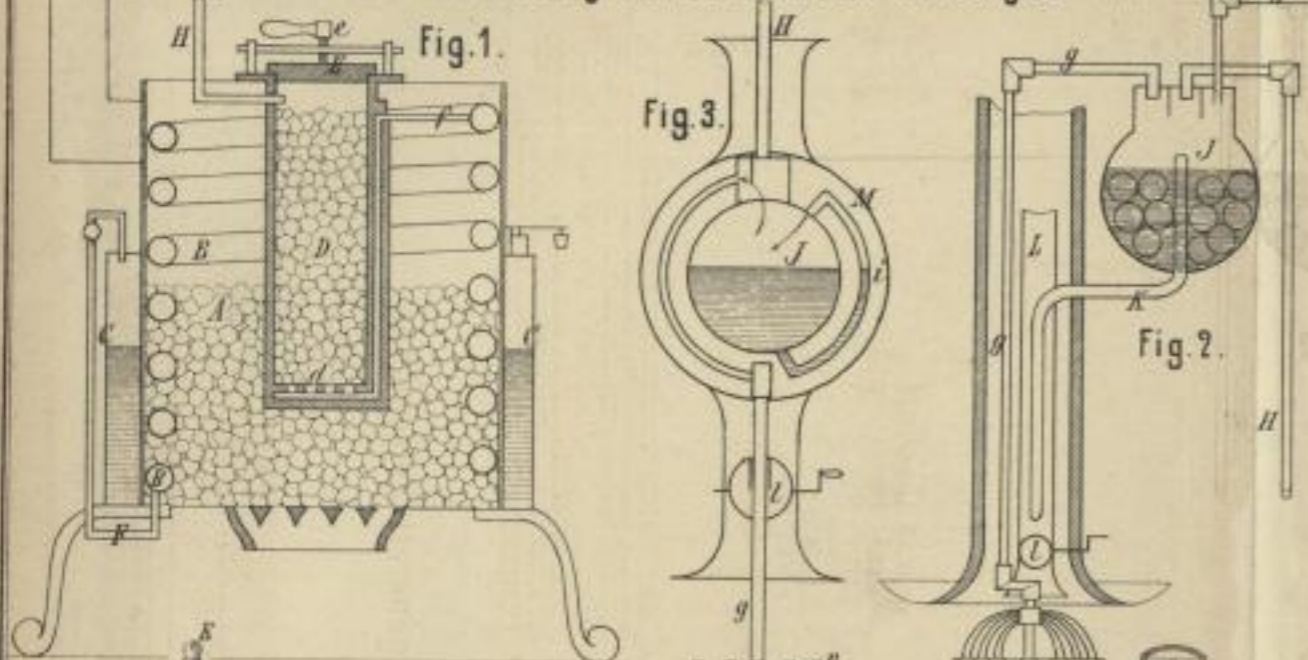




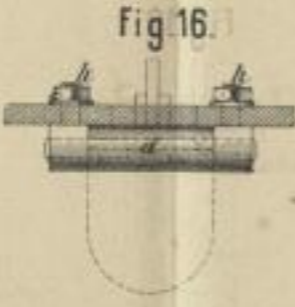
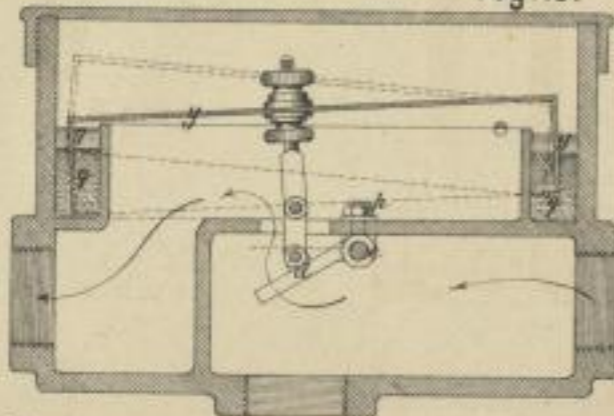
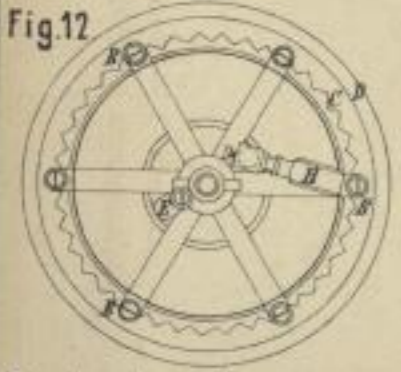
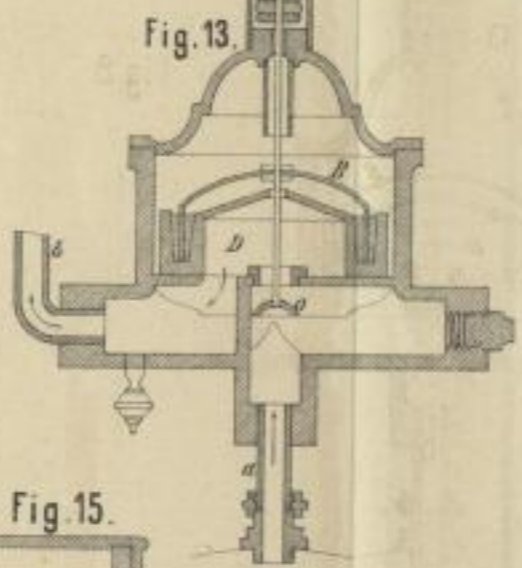
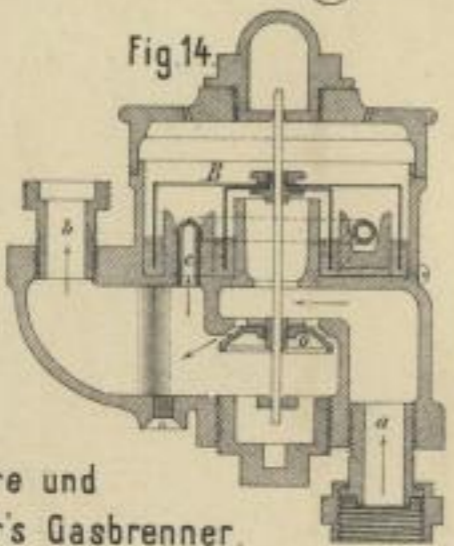
Lith. Anst. v. P. Wirtz, Darmstadt.



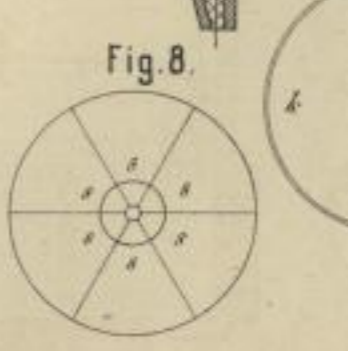
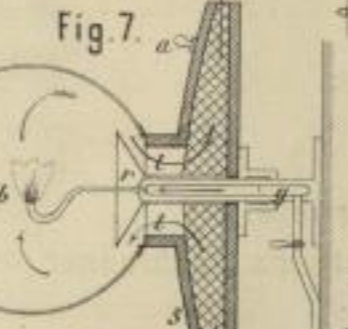
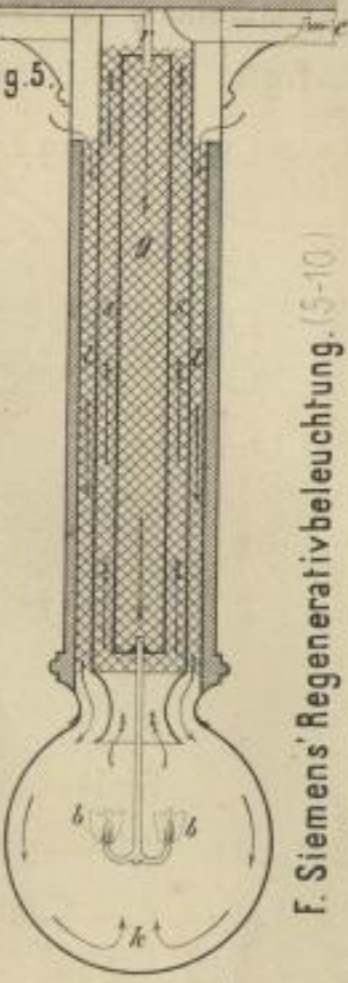
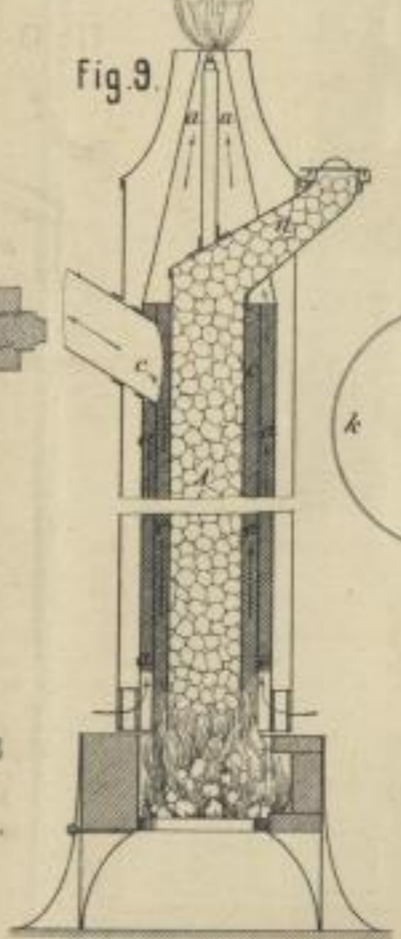
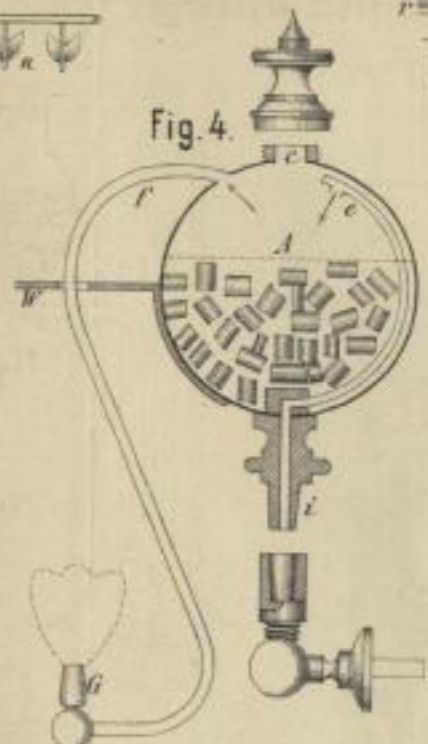
Livesey und Kidd's Herstellung von carburirtem Wassergas. (1-4)



Lacarrière und Delatour's Gasbrenner. (11 u. 12)

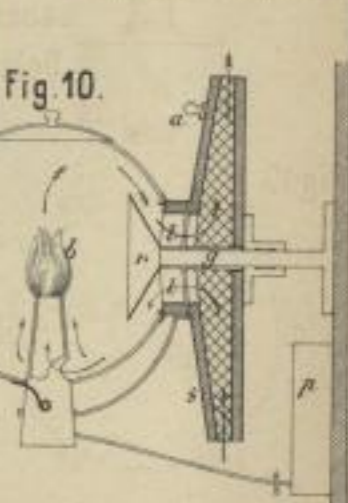
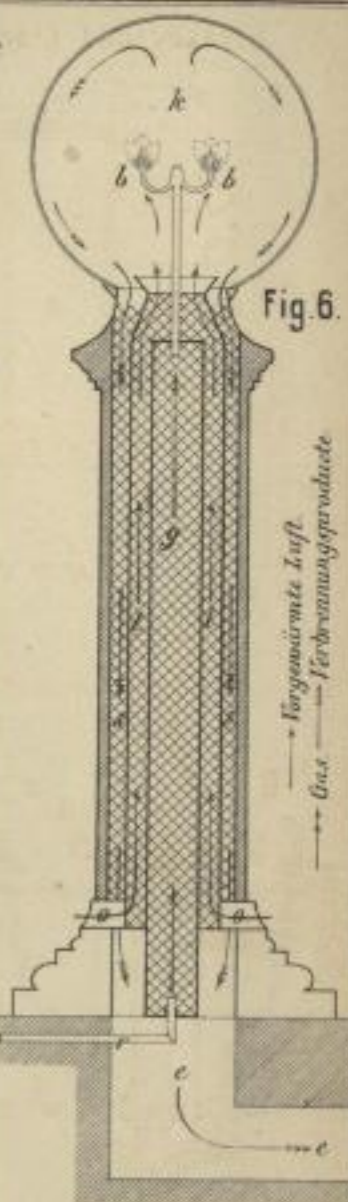


Gasdruckregulatoren von Sinclair (13), Schooley (14) und Braundbeck (15 u. 16)



Zur Herstellung und Verwendung von Leuchtgas. (1-16)

F. Siemens' Regenerativbeleuchtung. (5-10)

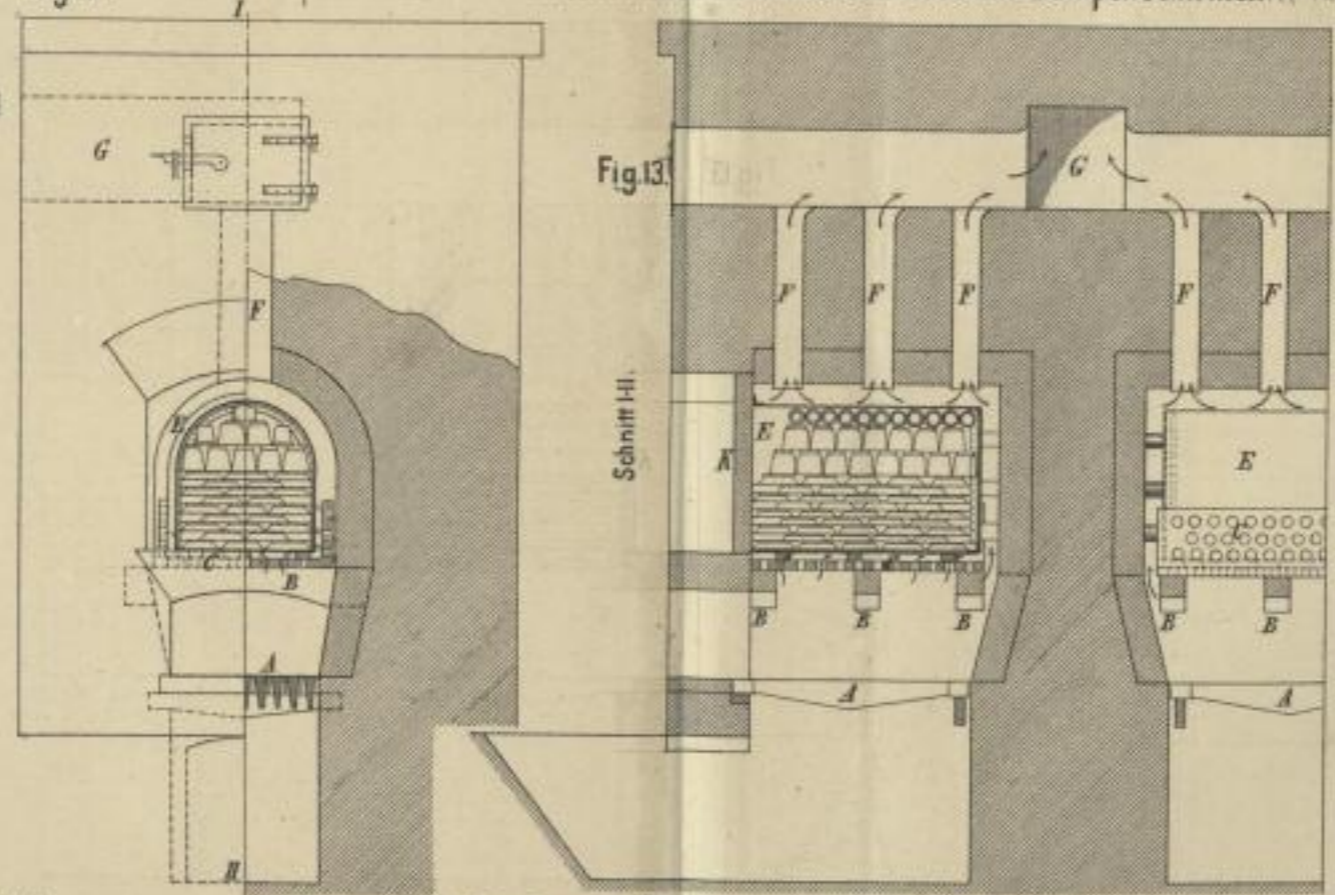
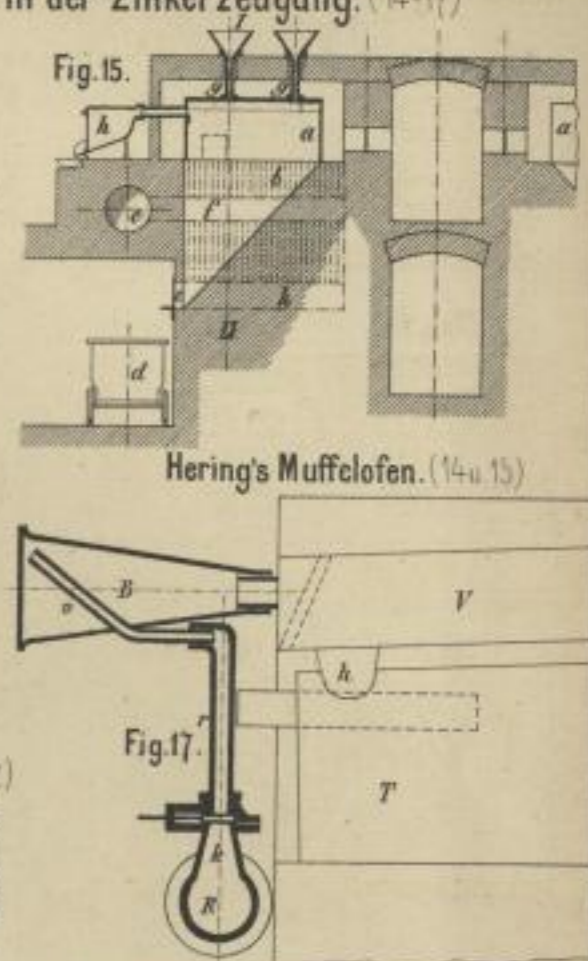
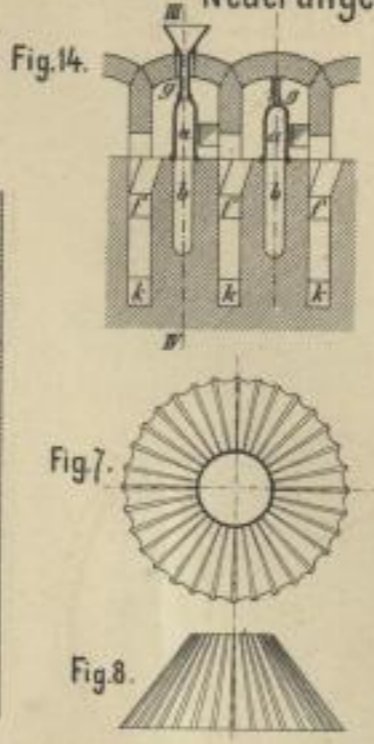
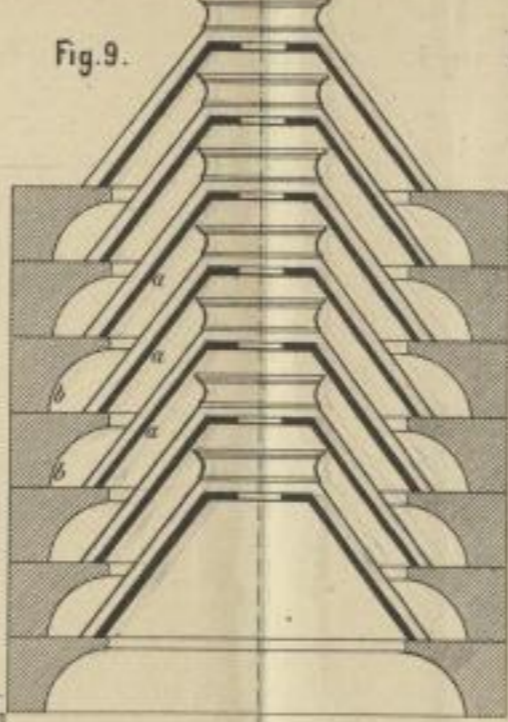
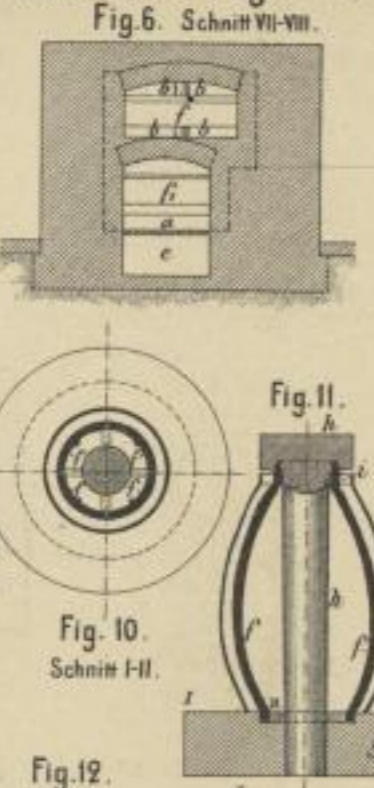
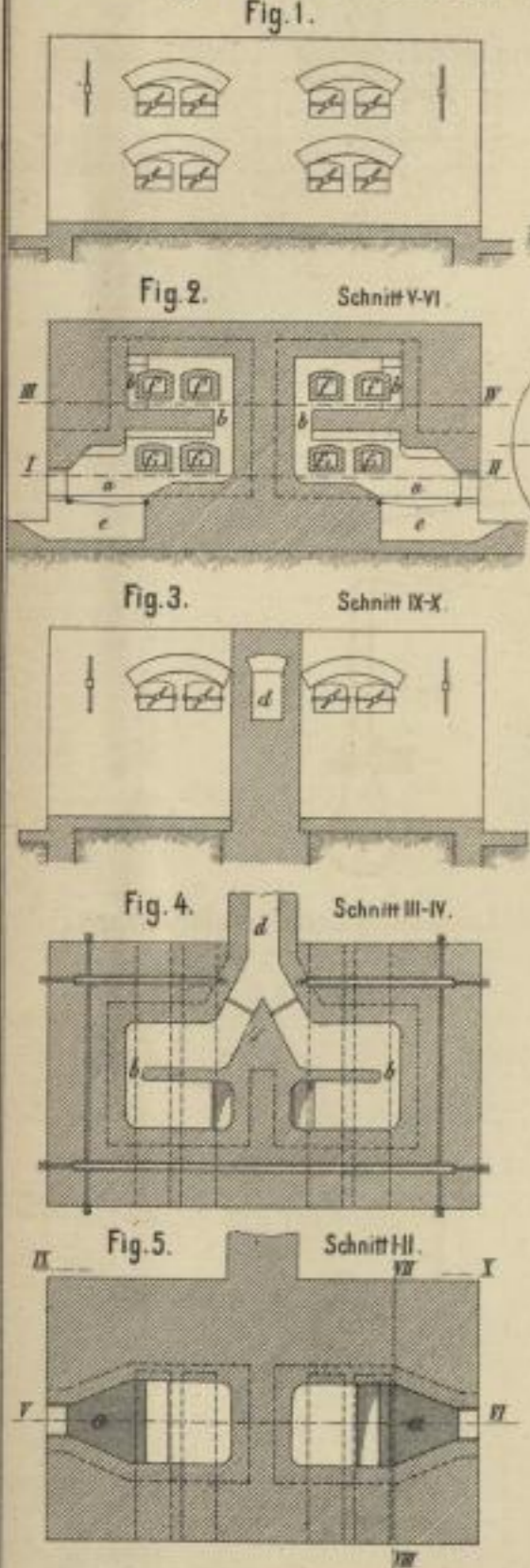


Aut. Anst. v. F. Witt, Darmstadt.



### Neuerungen an Brennöfen für Thonwaaren u.dgl. (1-13)

### Neuerungen in der Zinkerzeugung. (14-17)



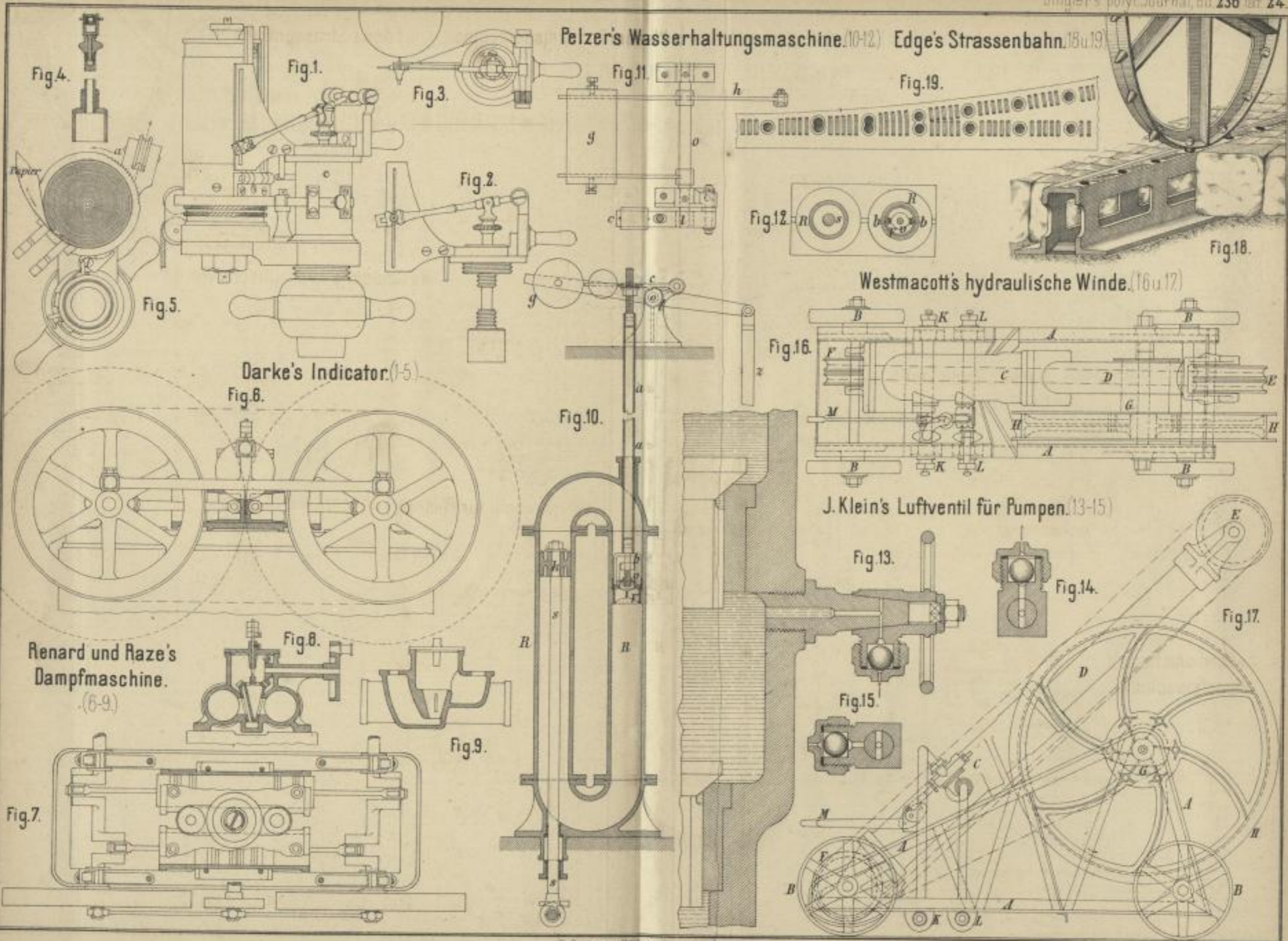
F.W. Becker's Ofen für Porzellan u.dgl. (1-6)

Leupold's Muffelofen zum Einbrennen von Porzellanfarben. (12 u. 13)

Kleemann's Condensatorvorlage (16)

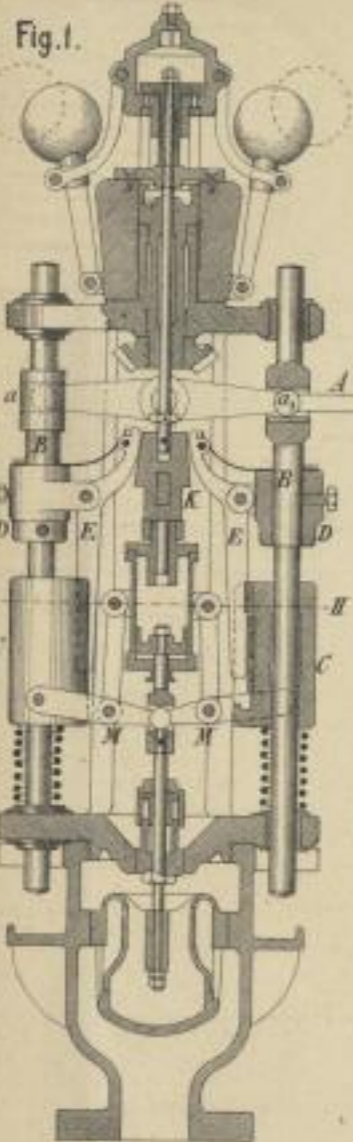
*Lab. Anstalt v. F.W. Becker, Darmstadt.*



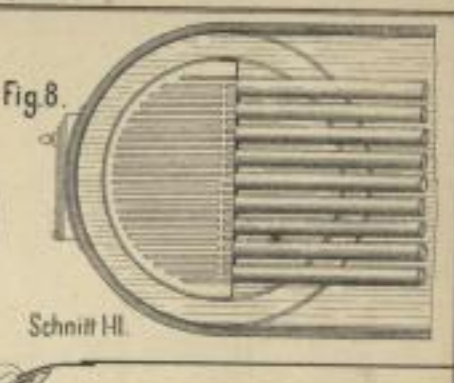
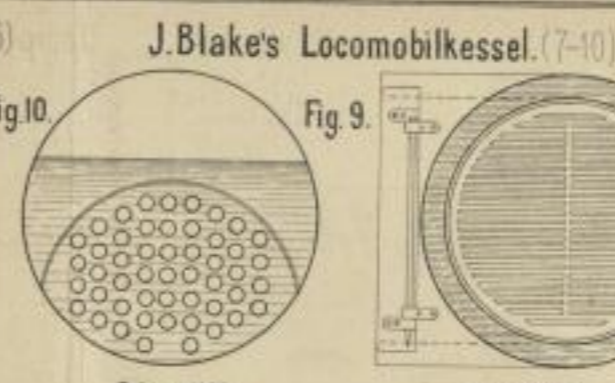
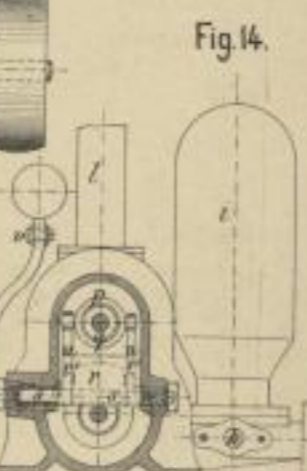
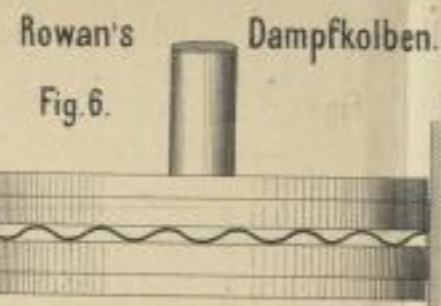
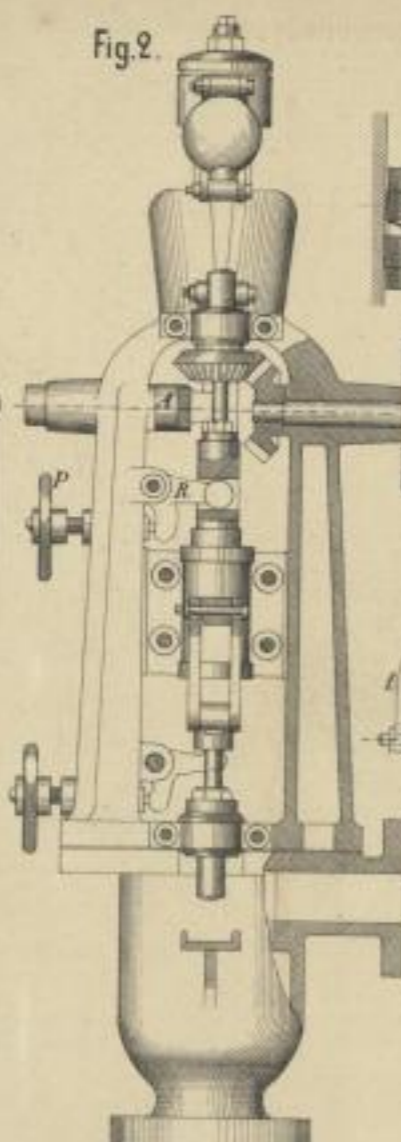
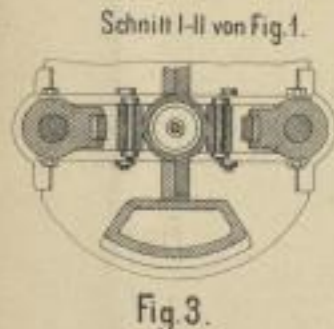


Lith. Anst. v. J. Neumann, Darmstadt.

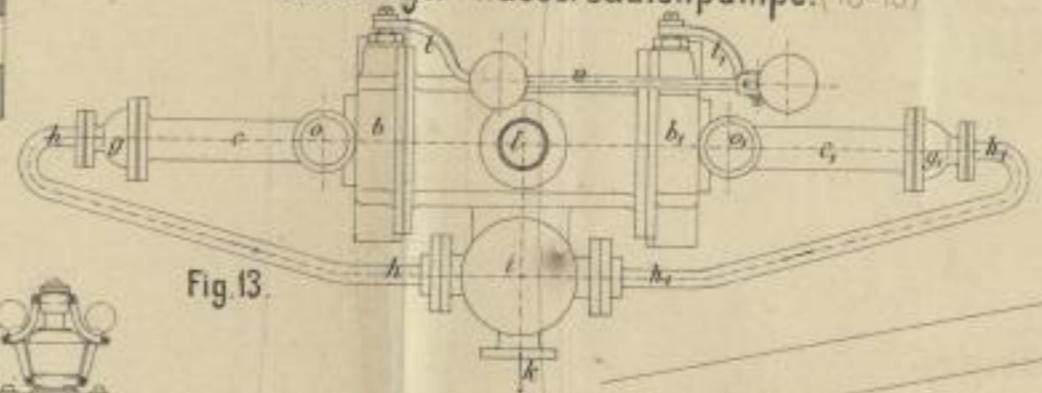




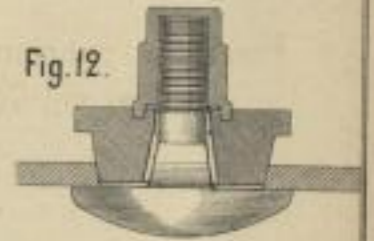
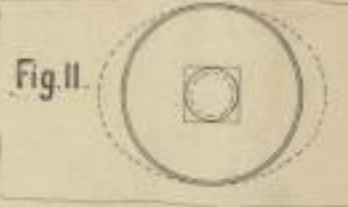
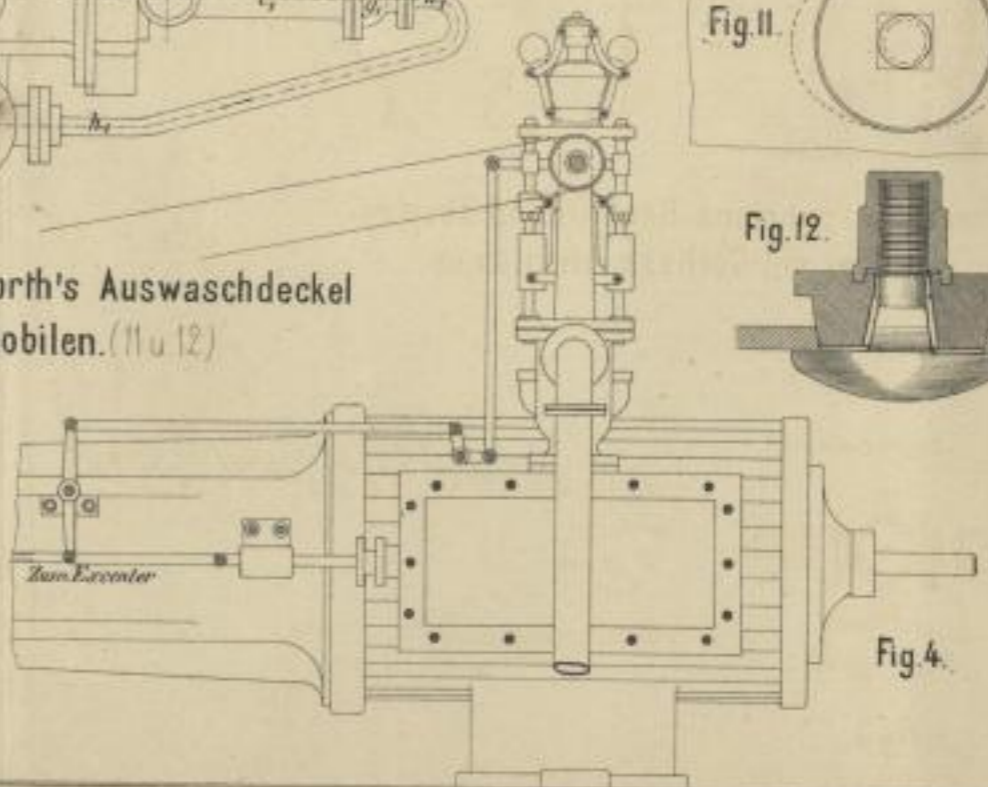
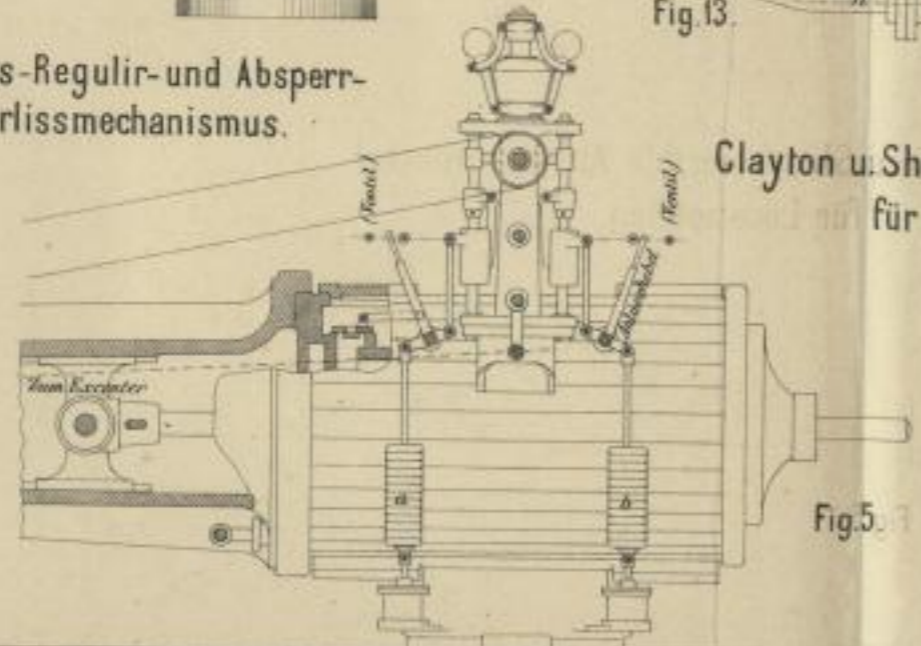
Proell's Expansions-Regulir-und Absperr-Apparat mit Corlissmechanismus. (1-5)



Duisburger Wassersäulenpumpe. (13-15)



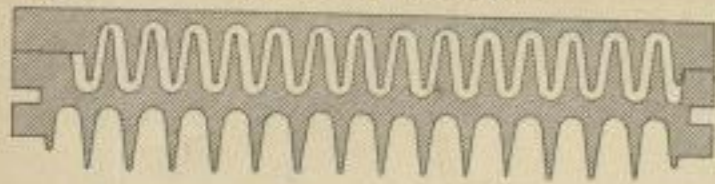
Clayton u. Shuttleworth's Auswaschdeckel für Locomobilen. (11 u 12)



Leit. Anstalt v. W. v. ...



Fig. 1. Newbold's Roststab. (1)



Bramlage's Rost. (6-8)

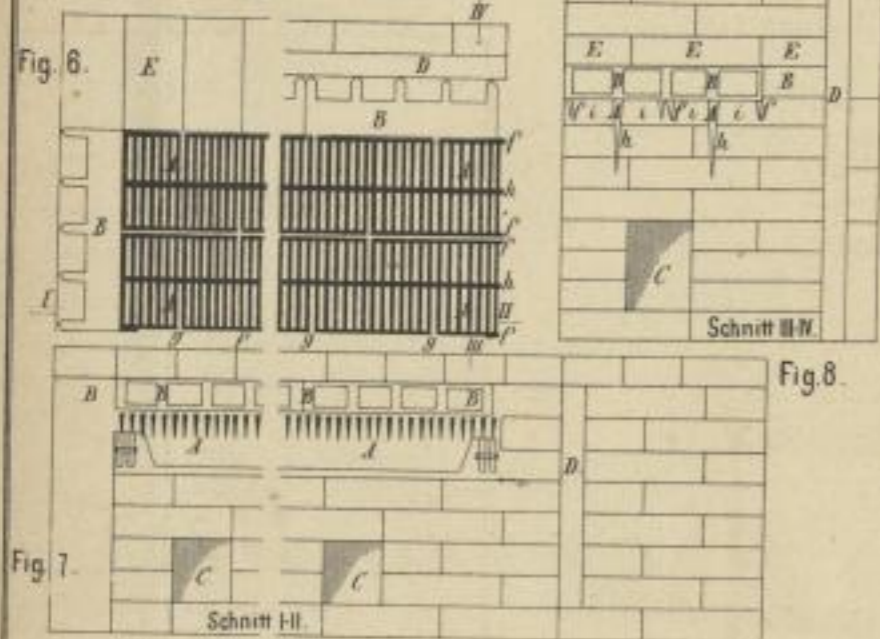
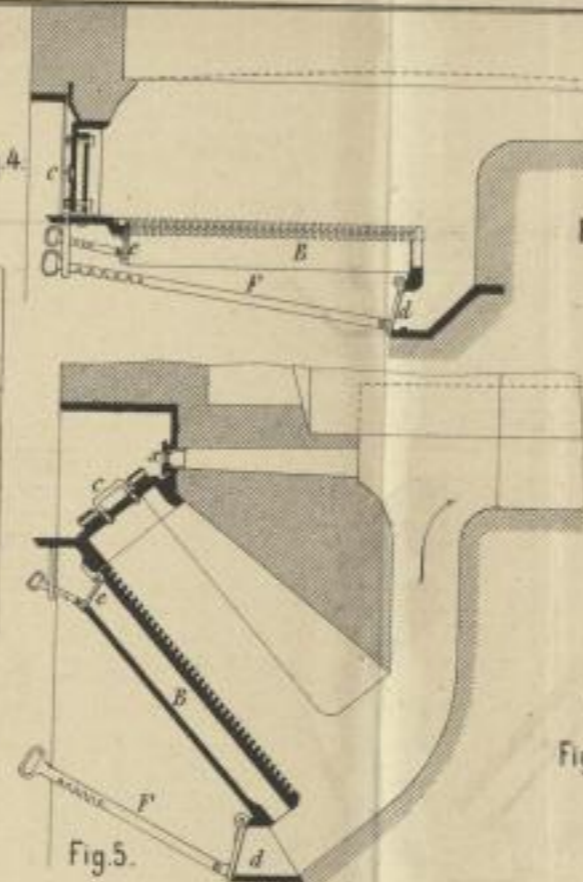
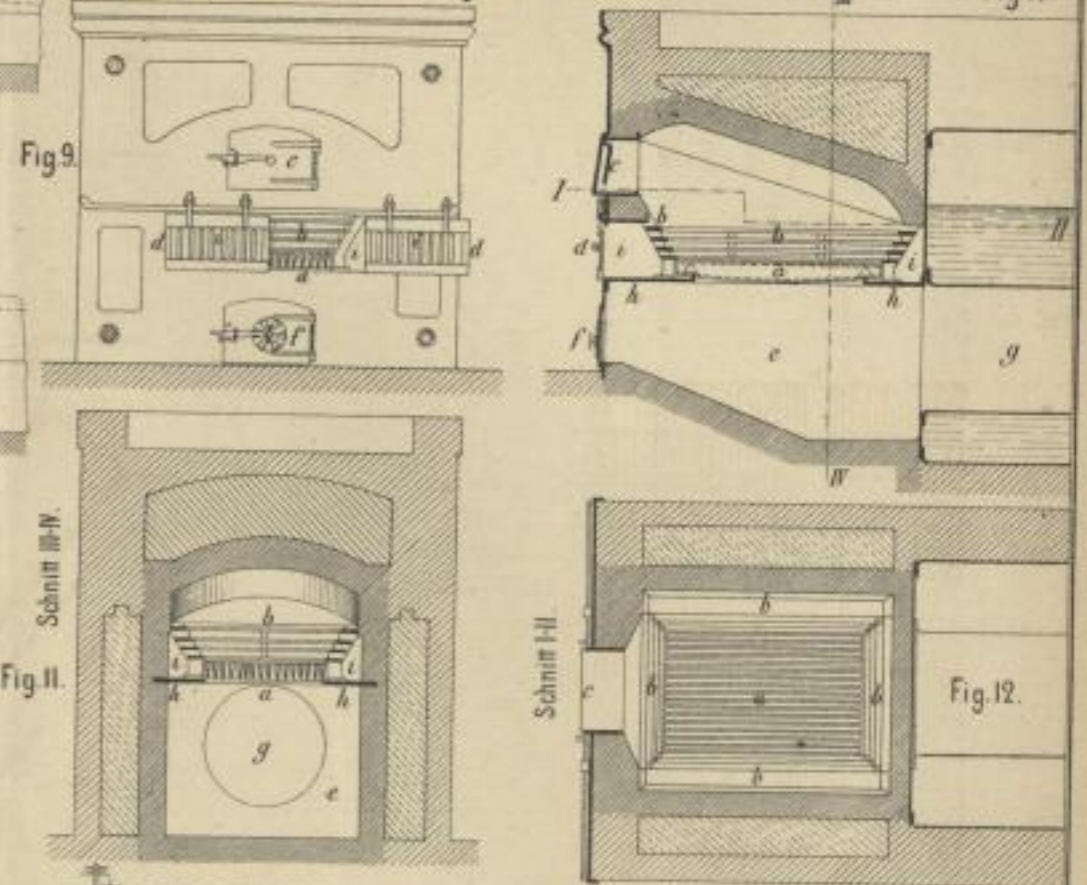


Fig. 4



G.F. Wolff's muldenförmiger Rost. (9-12)



Krudewig's Hohlroststab. (3-5)

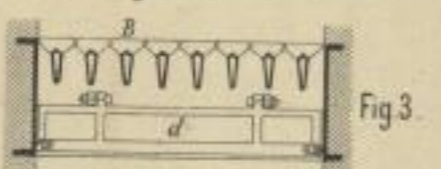


Fig. 3

Krafft's Feuerung für Sägespäne. (2)

Fig. 15

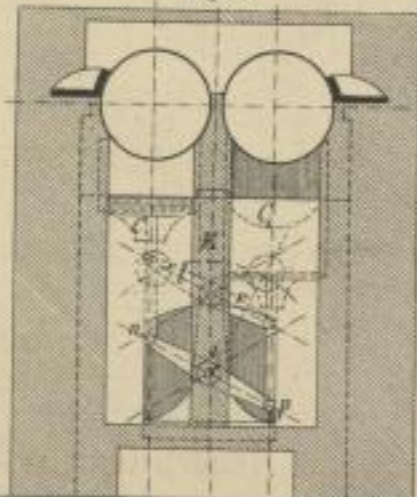


Fig. 2

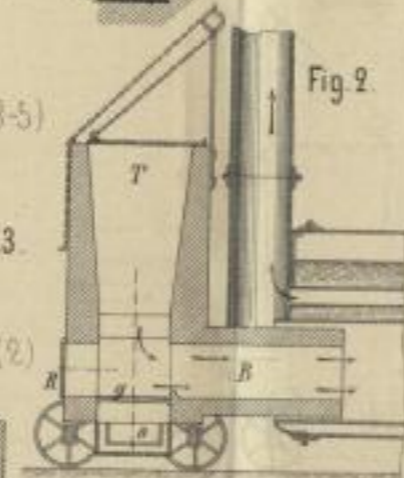
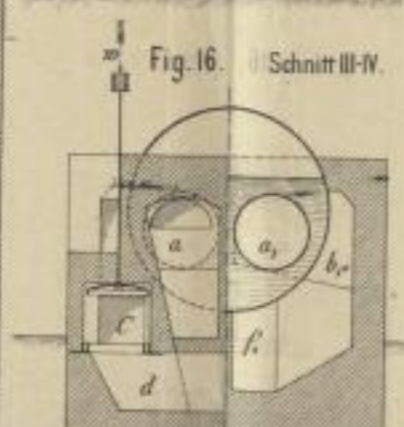


Fig. 16



Olschewsky's Wechselfeuerung. (16-18)

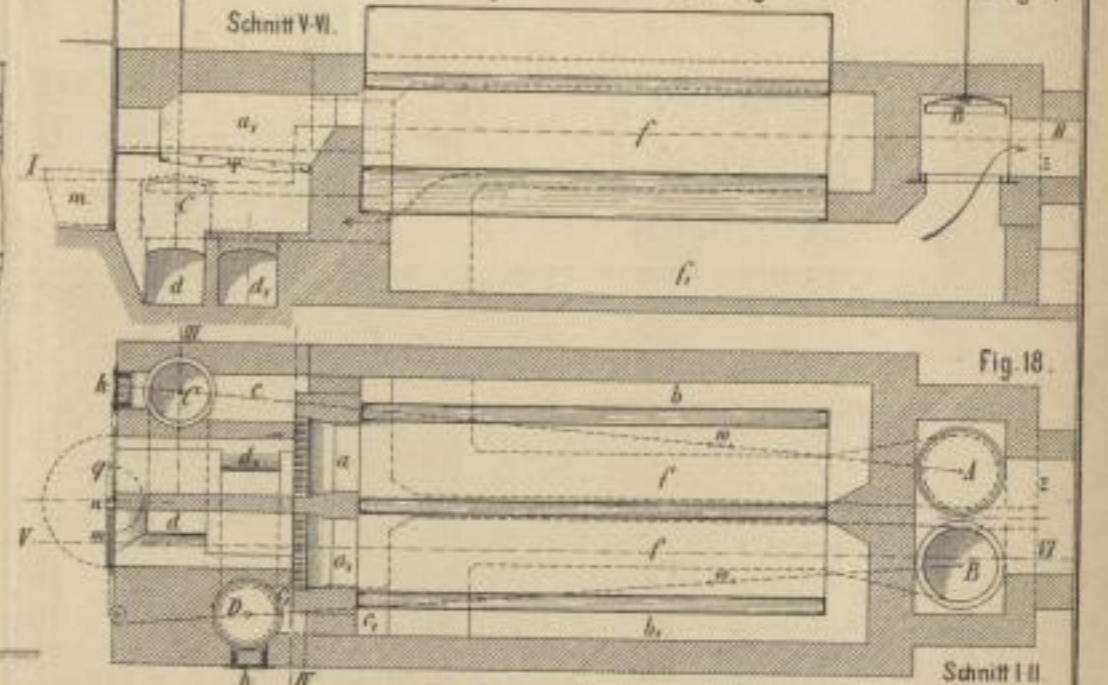
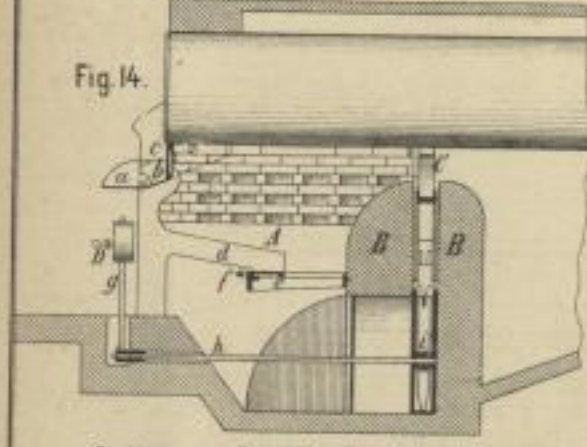


Fig. 14

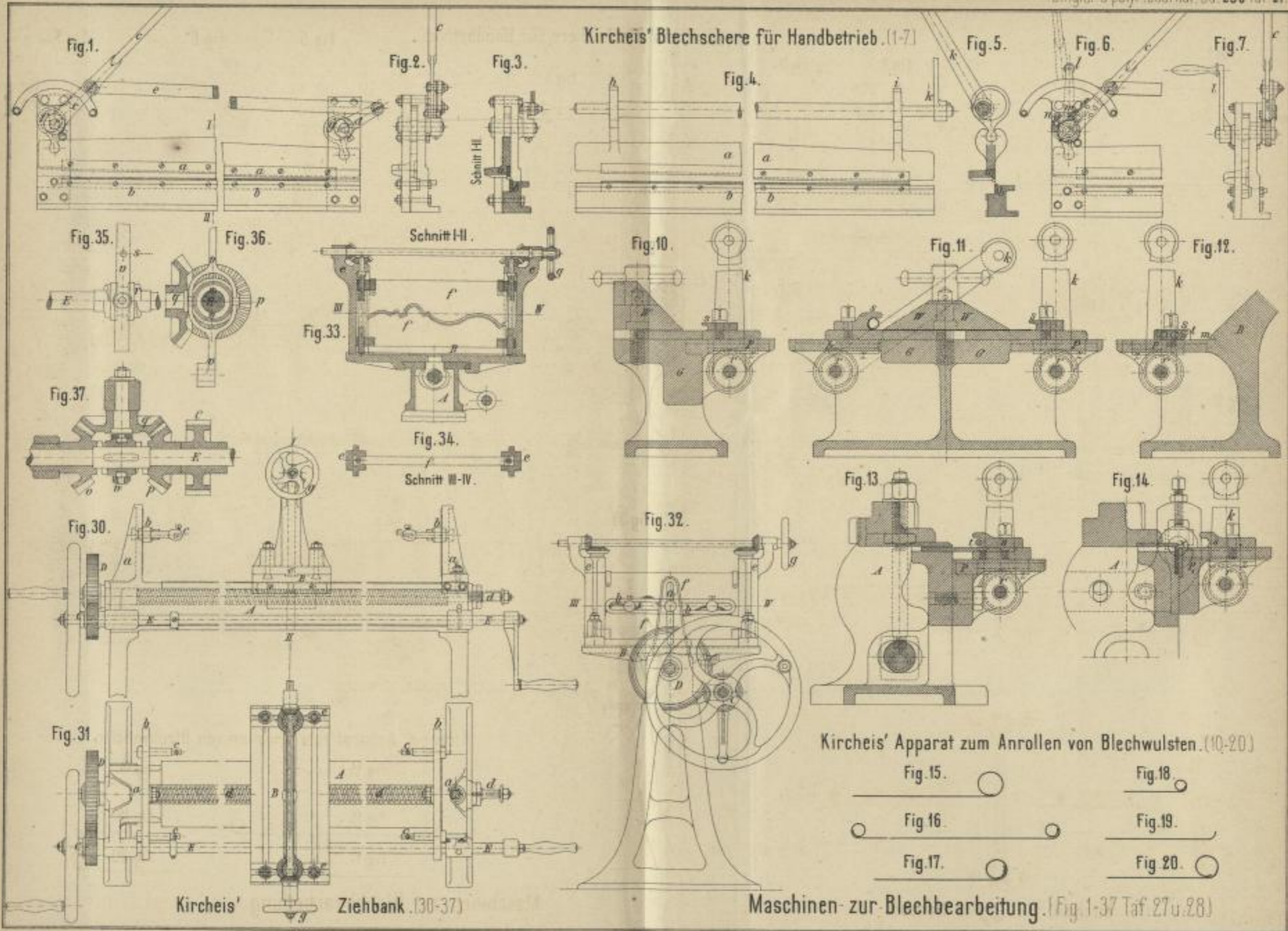


v. Bolzano's Doppelrost-Feuerung. (13-15)

Neuerungen an Dampfkessel-Feuerungen. (1-18)

Lith. Anstalt v. F. W. Neumann, Darmstadt.





Kircheis' Blechscherer für Handbetrieb (1-7)

Kircheis' Apparat zum Anrollen von Blechwulsten (10-20)

Kircheis' Ziehbank (30-37)

Maschinen zur Blechbearbeitung (Fig. 1-37 Taf. 27 u. 28)

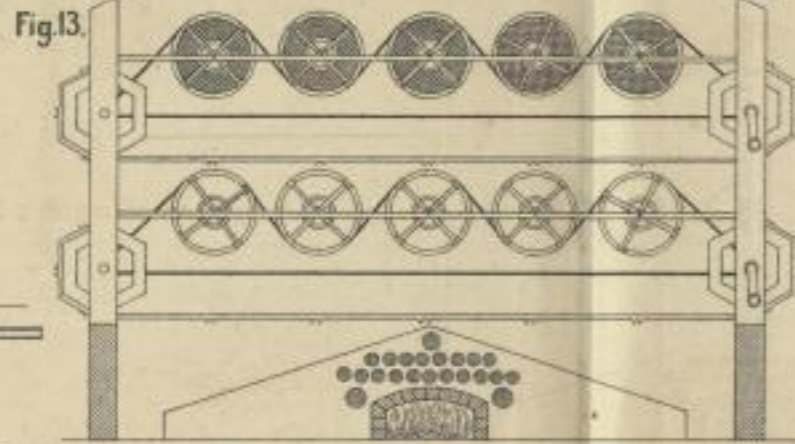
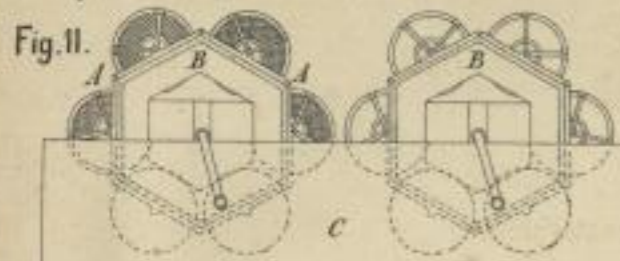
Lith. Anst. v. F. W. v. Dornier







Hruby's Malzapparate. (11-13) Lesemeister's Bier-Conservirapparat. (16)



E. Schulz's Bierkühler. (15)

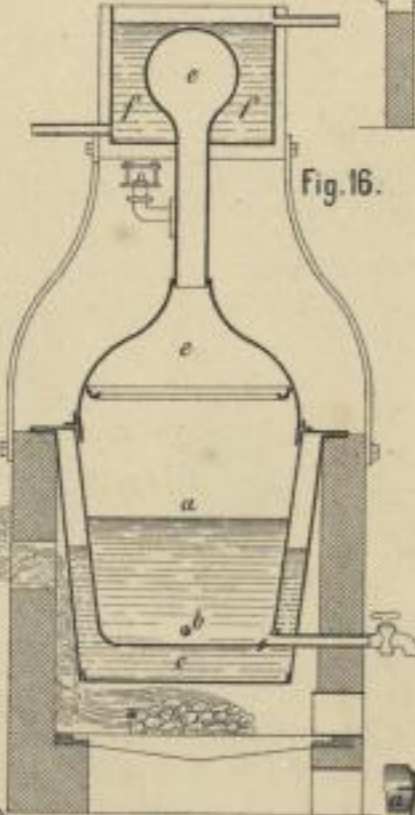
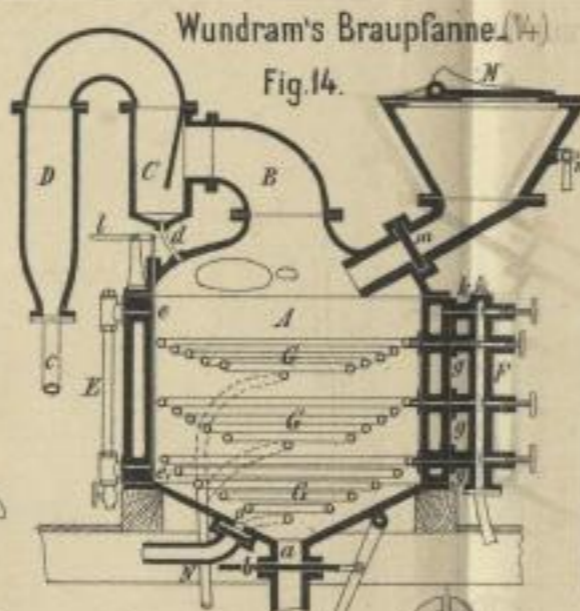


Fig. 16.



Wundram's Braupfanne. (14)

Fig. 14.

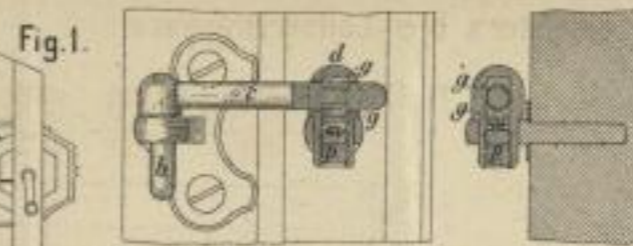


Fig. 1.

Fr. Hoffmann's Fenstersteller. (1-3)

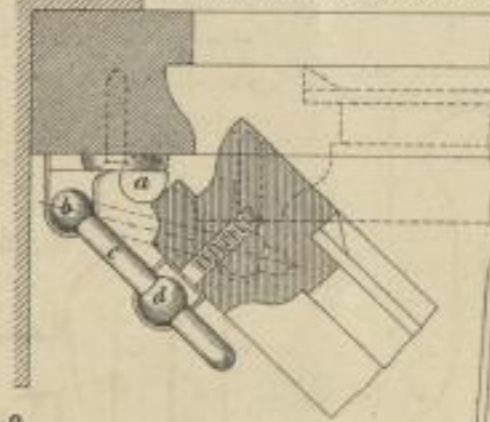


Fig. 3.

Barff's Eisenoxydirofen. (17)

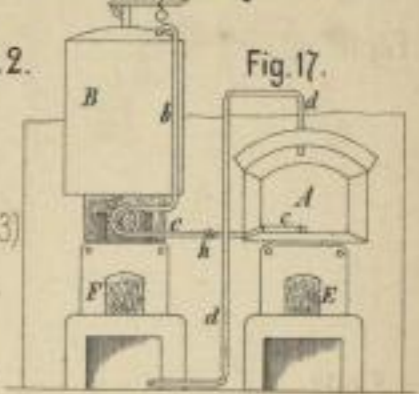


Fig. 17.

Fig. 2.



Fig. 8.

Zaengerle's Lampe. (8)

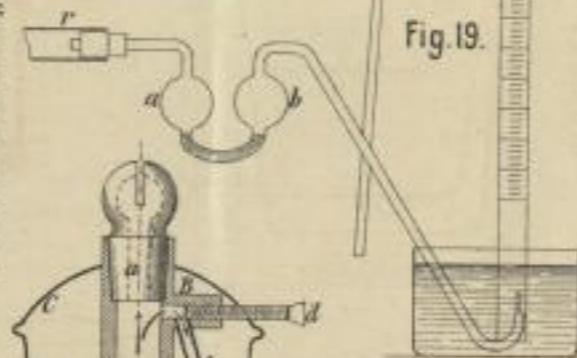


Fig. 19.

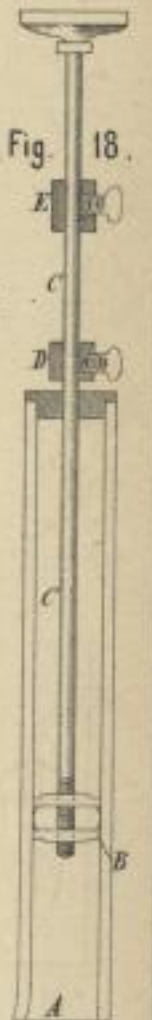
Fig. 20.

Reinitzer's Stickstoff-Apparat. (19-20)



Fig. 18.

Braham's Gasbürette. (18)



Hagedorn's Lampe. (10)

Hagedorn's

Fig. 10.

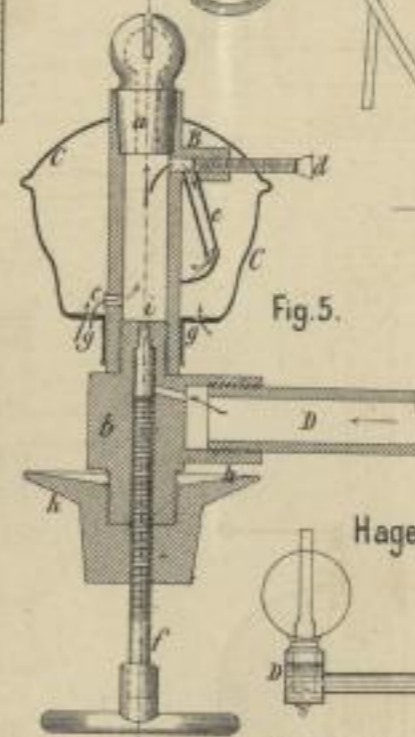


Fig. 5.

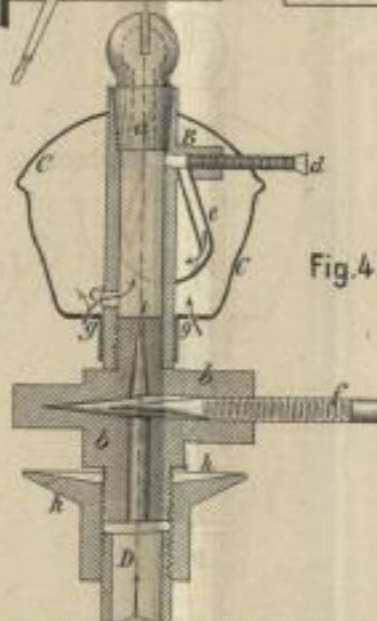


Fig. 4.

Böhm u. Brüder's, Runge's u. Kösewitz'sche Lampen für Erdöl in Gasform. (4 u. 5, 6 bez. 7)

Lith. Anstalt v. W. Neumann.

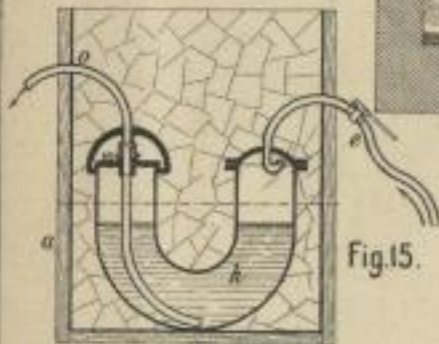


Fig. 15.

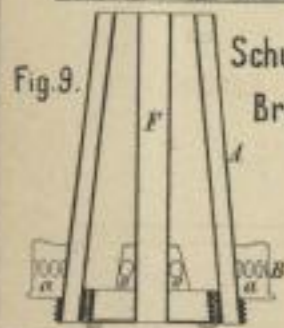


Fig. 9.

Schuster u. Baer's Brenner. (9)

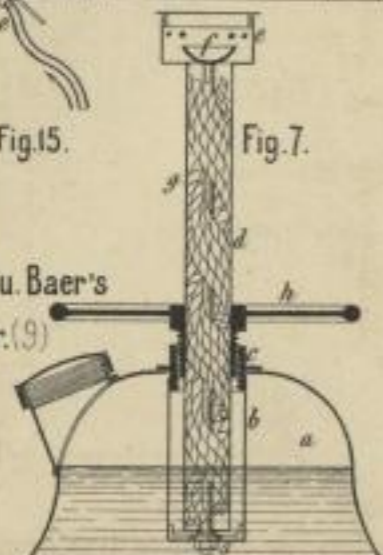


Fig. 7.

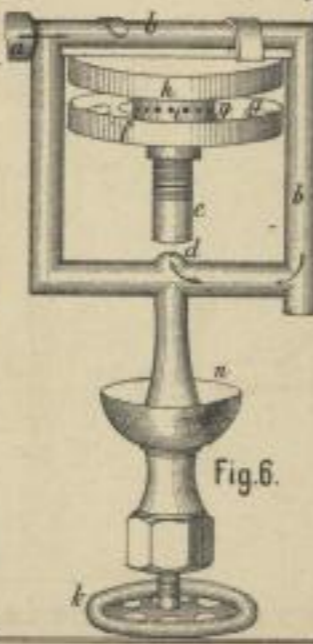
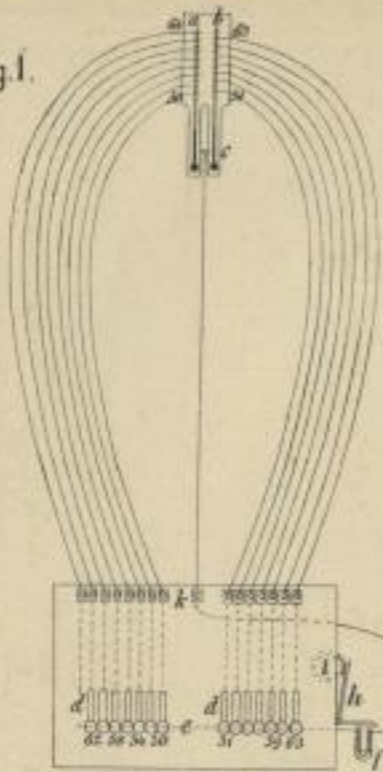


Fig. 6.



Fig. 1.



Kuntze's Drehthermometer. (3-8)



Fig. 3.

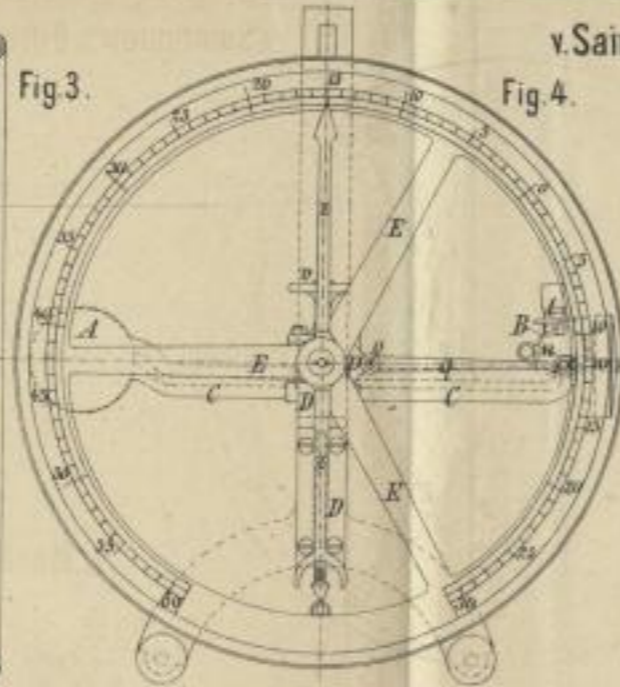


Fig. 4.

v. Saintignon's Differentialpyrometer. (20)

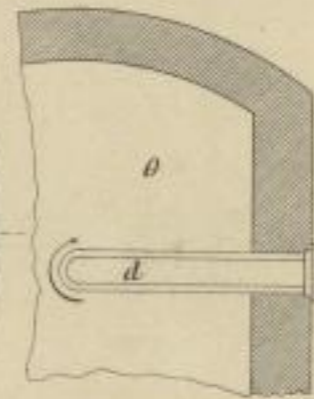
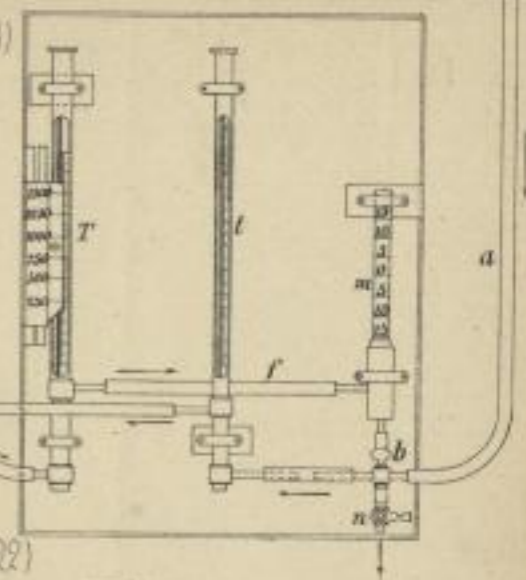


Fig. 20.



K. Moeller's Pyrometer. (21-22)

Fig. 12.

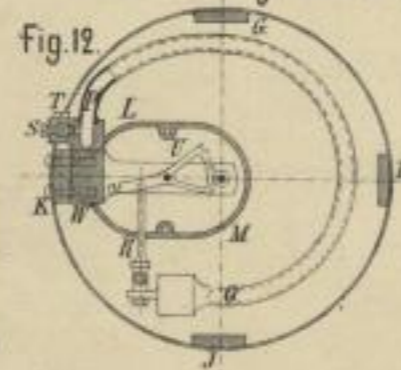


Fig. 13.

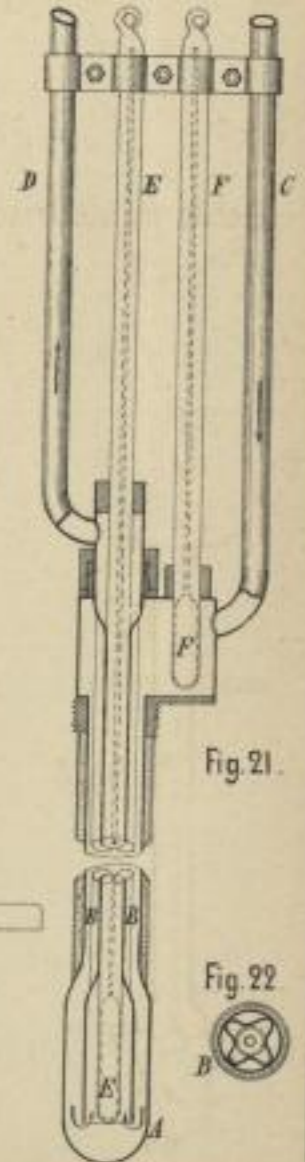
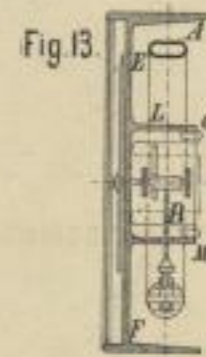
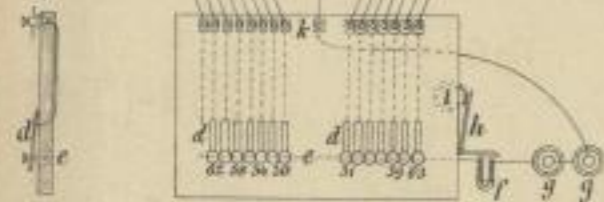


Fig. 21.

Fig. 22.

Fig. 2.



Eichhorn's elektrisches Thermometer. (1 u 2)

Fig. 5.

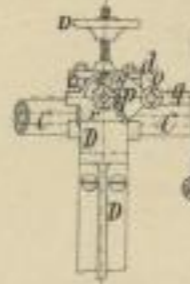


Fig. 6.

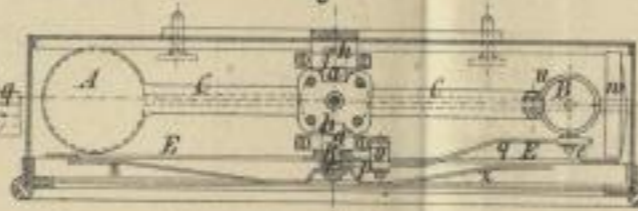


Fig. 18.

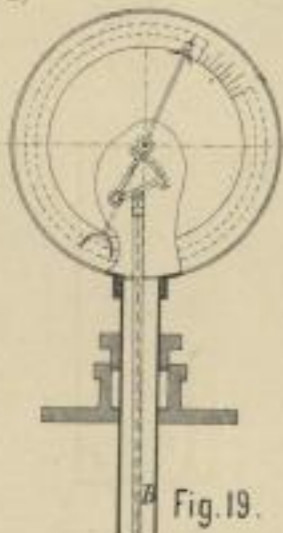


Fig. 19.

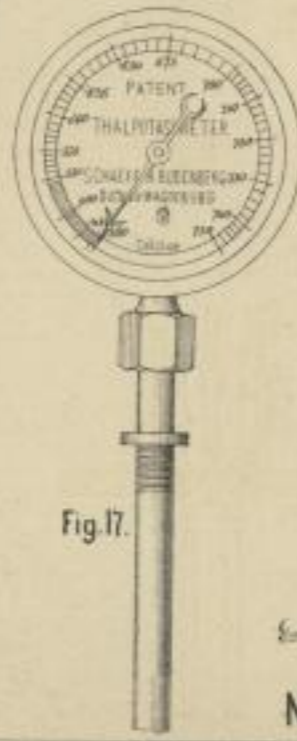


Fig. 17.

Fig. 9.

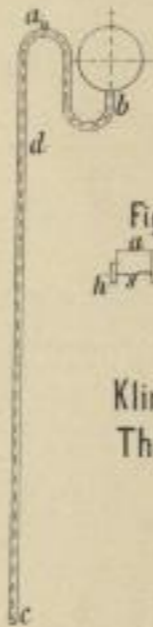


Fig. 11.

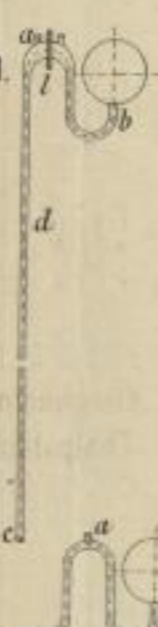


Fig. 7.

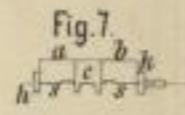


Fig. 8.



Klinghammer's Thalpotasimeter. (9-19)

Fig. 10.

Neuerungen an Wärmemessern. (1-22)

Leb. Anstalt d. F. W. v. Dürmstadt.

Fig. 14.

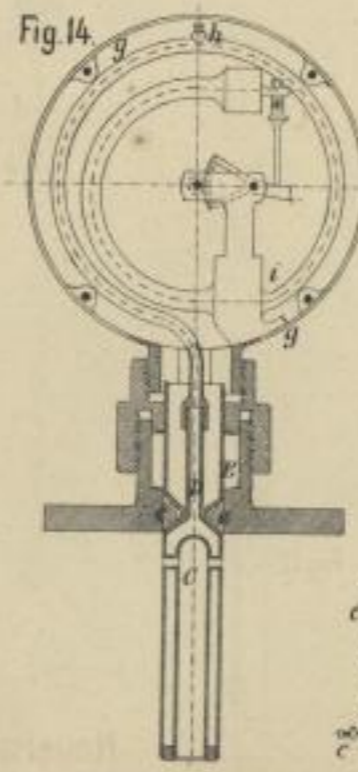


Fig. 15.

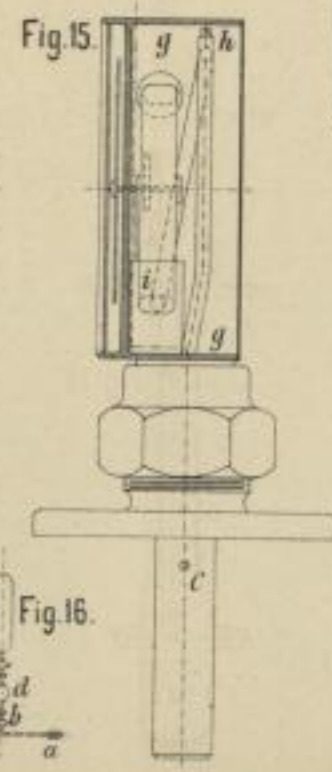


Fig. 16.

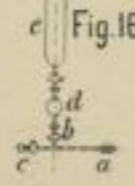
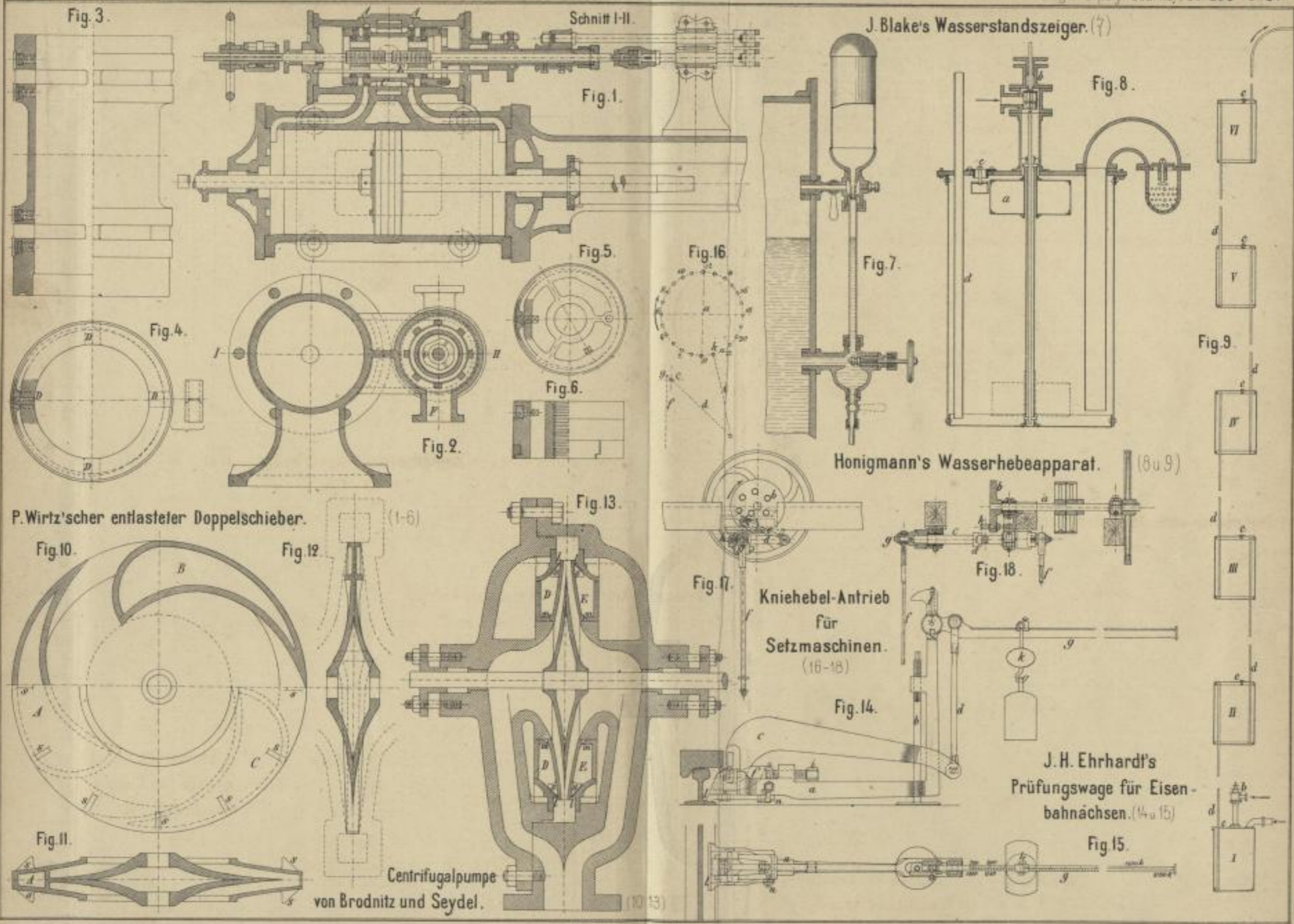
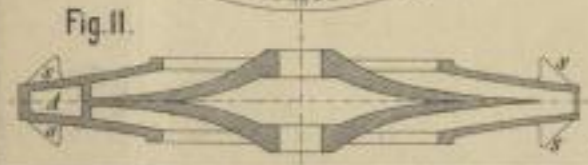
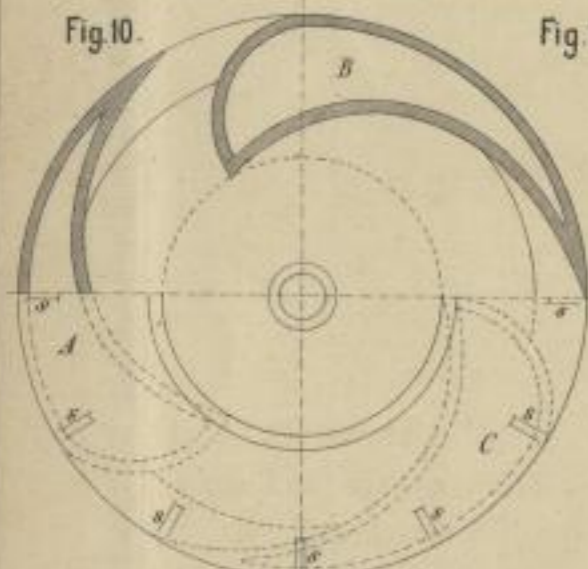


Fig. 22.

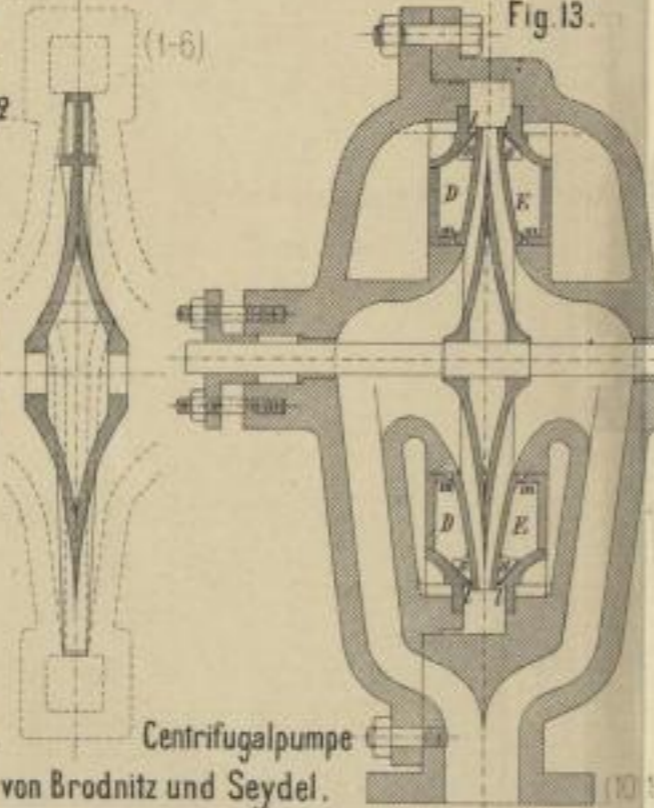




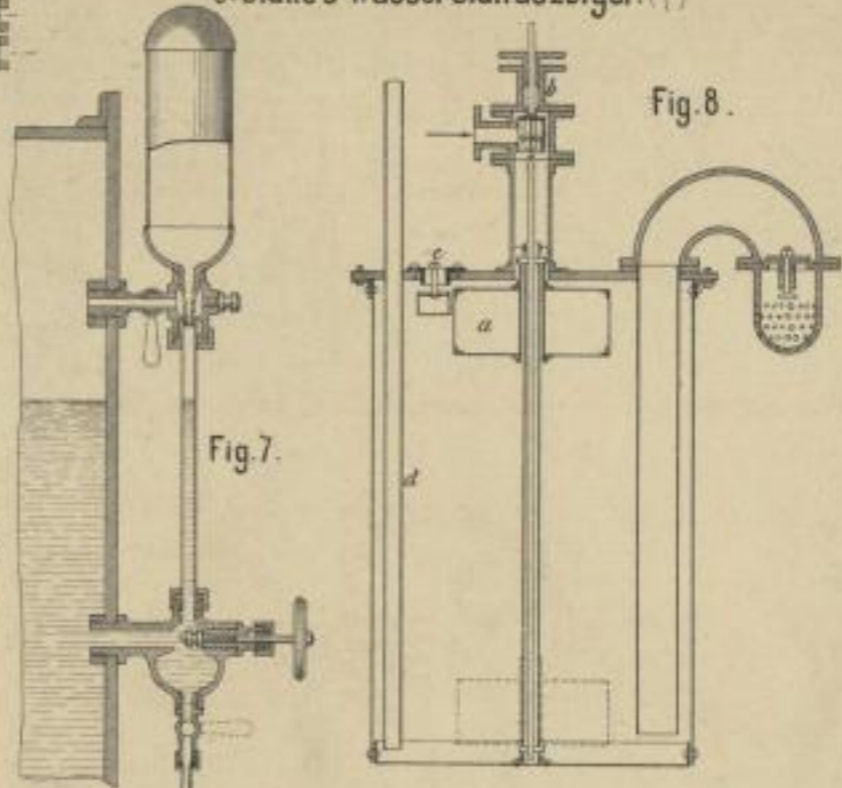
P. Wirtz'scher entlasteter Doppelschieber.



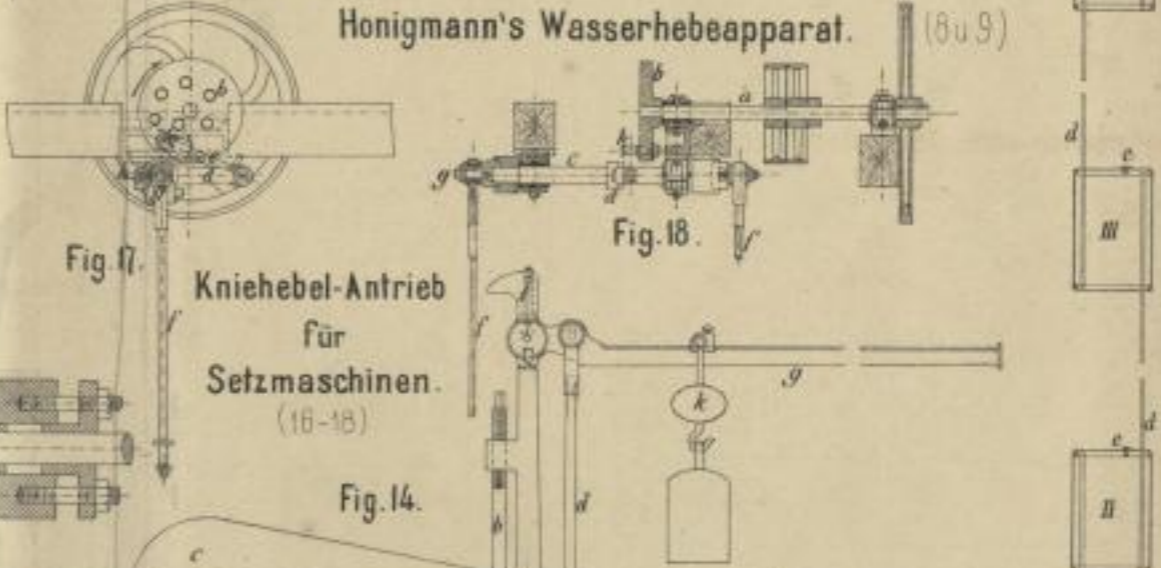
Centrifugalpumpe von Brodnitz und Seydel.



J. Blake's Wasserstandszeiger. (?)



Honigmann's Wasserhebeapparat. (8 u 9)



Kniehebel-Antrieb für Setzmaschinen. (16-18)



J. H. Ehrhardt's Prüfungswage für Eisenbahnachsen. (14 u 15)



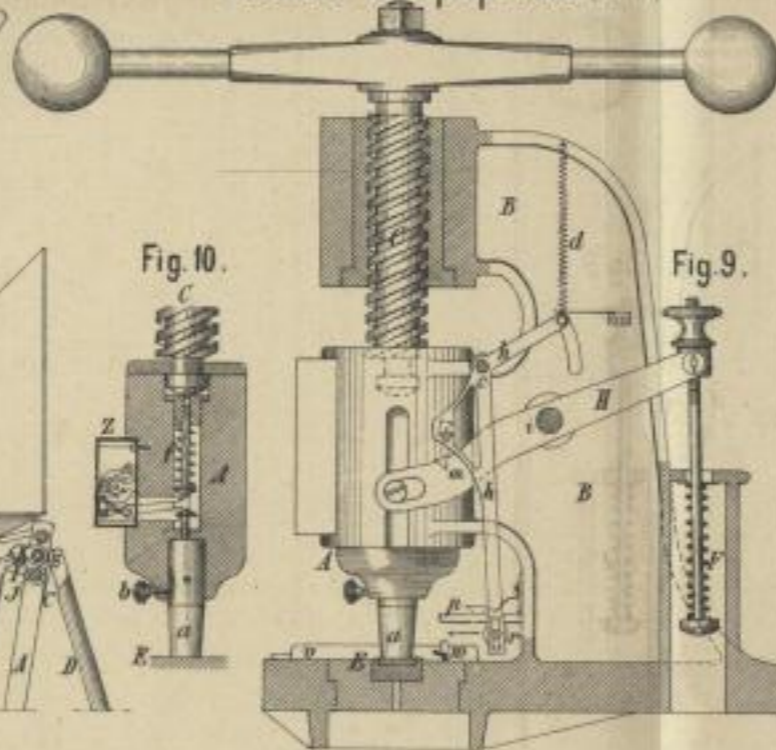
Lith. Anstalt v. F. W. v. Darmstadt.



Esser's Reissbrett. (12-13)



Unckel's Stempelpresse. (9-11)



Ph. Mayer's Fangvorrichtung für Aufzüge. (1 u. 2)

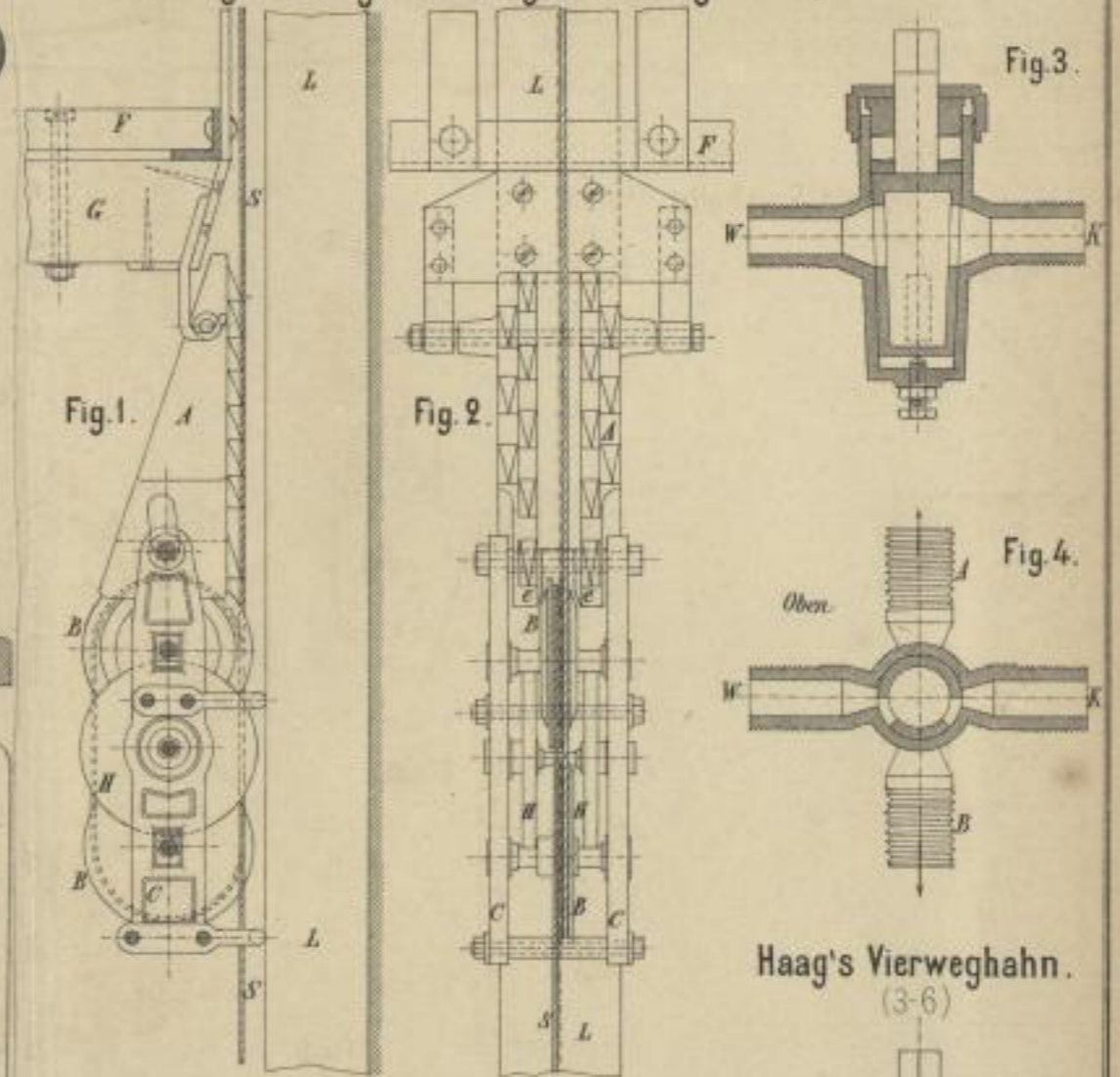
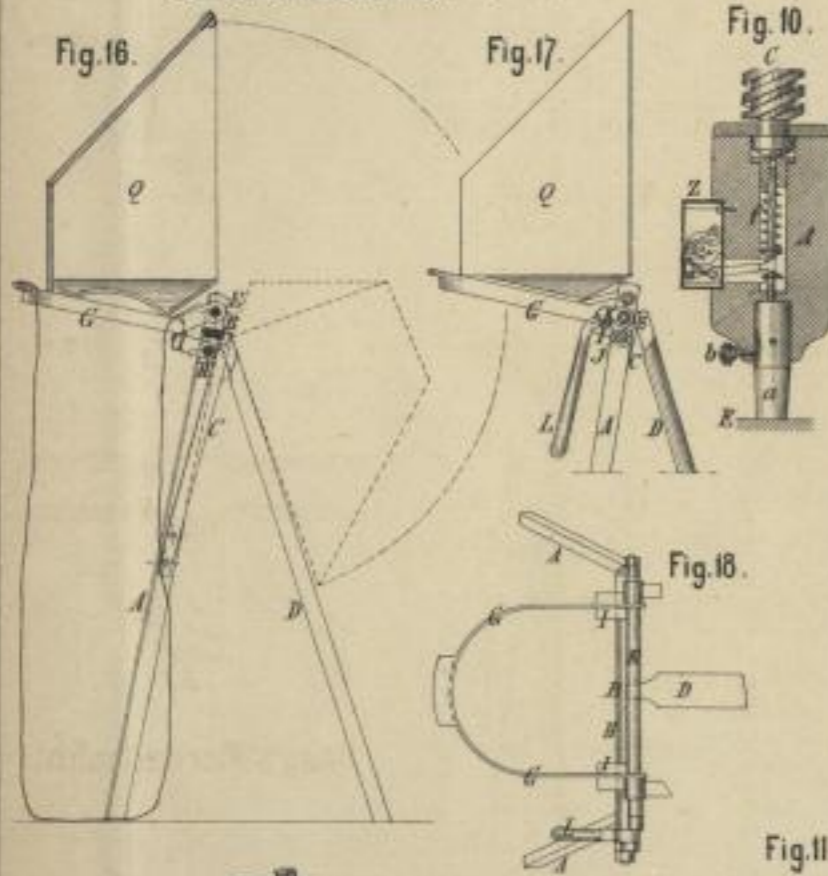
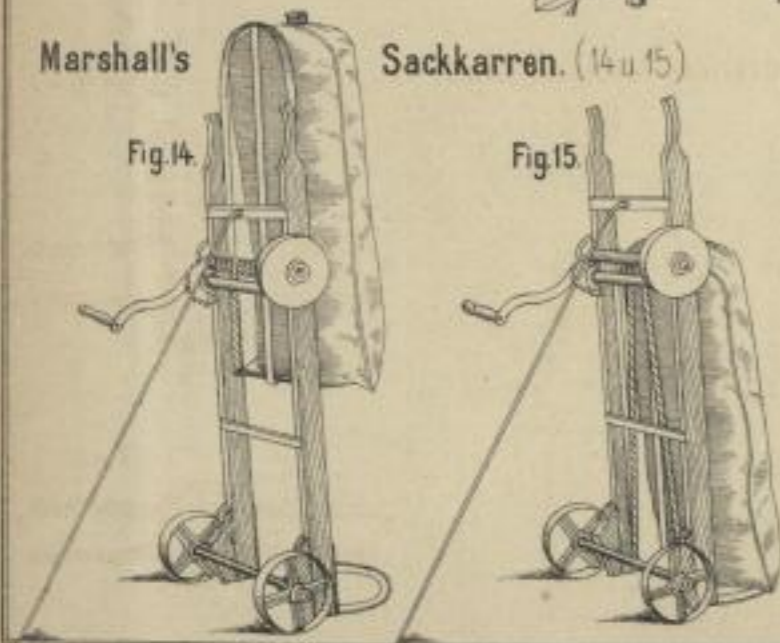


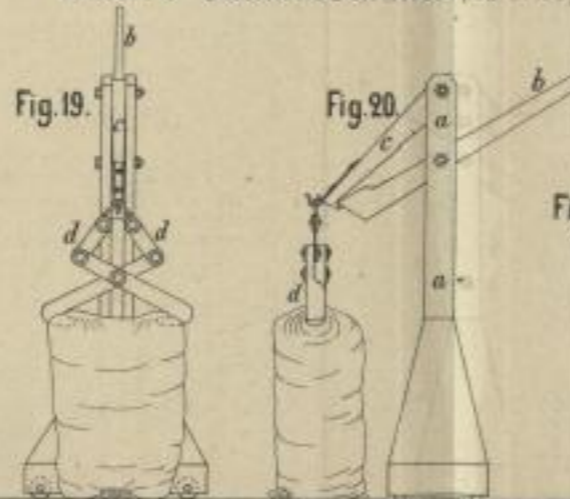
Fig. 12. Fig. 13.  
Cartier's Sackhalter. (16-18)



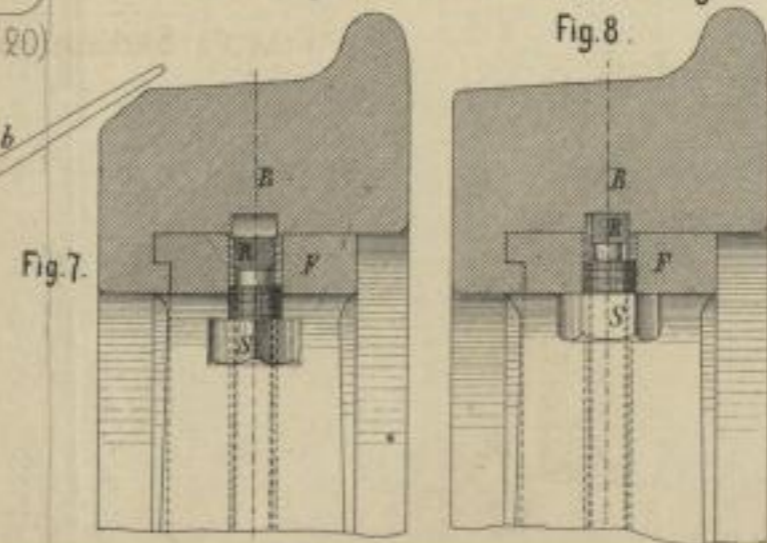
Marshall's Sackkarren. (14 u. 15)



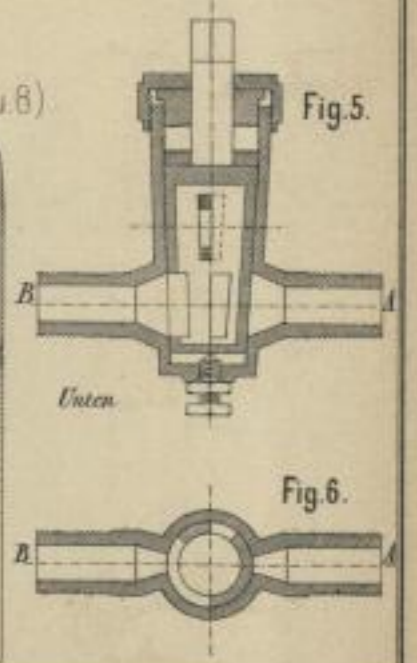
Eckert's Sackausschütter. (19 u. 20)



Henning's Radreifen-Versicherung. (7 u. 8)



Haag's Vierweghahn. (3-6)

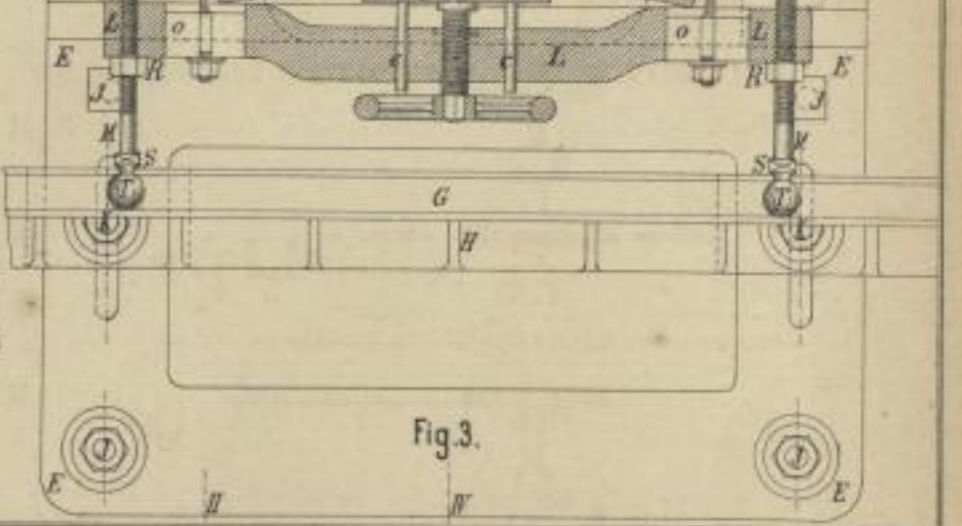
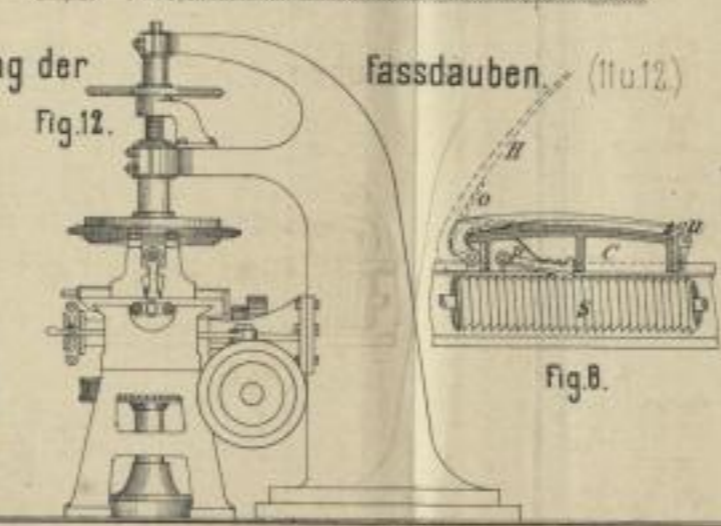
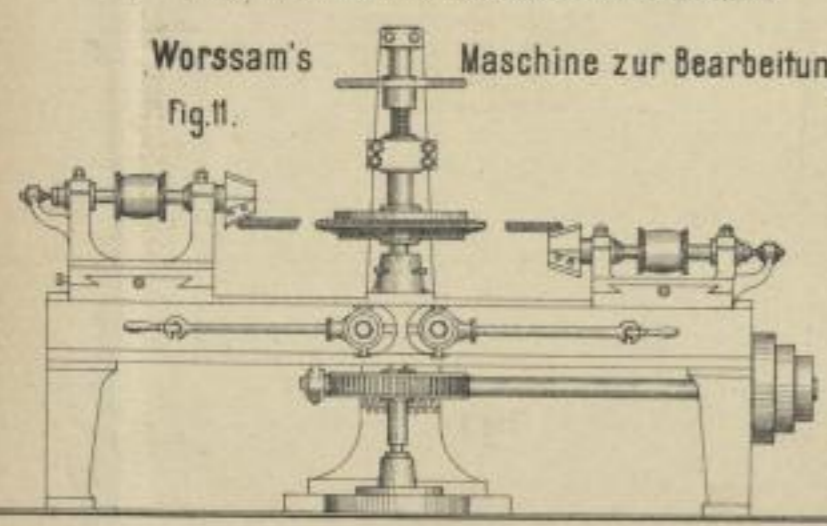
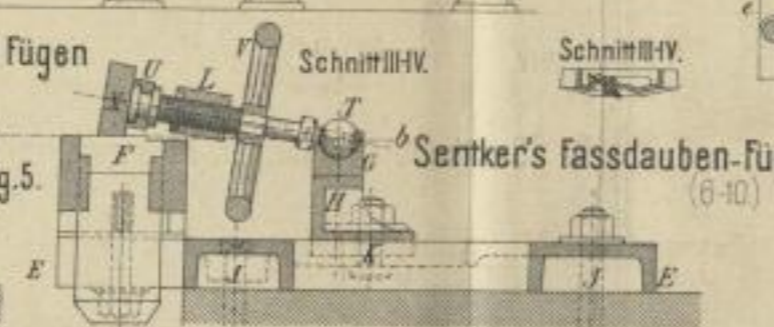
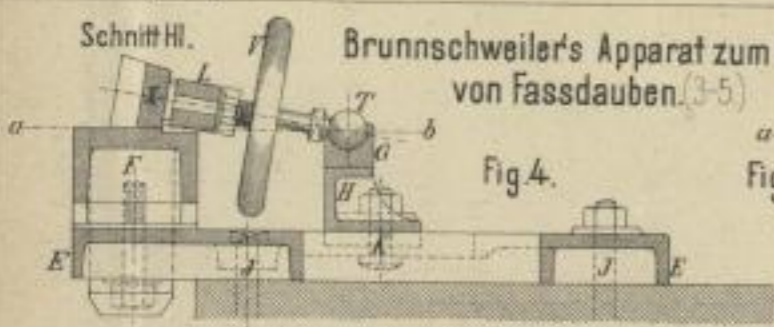
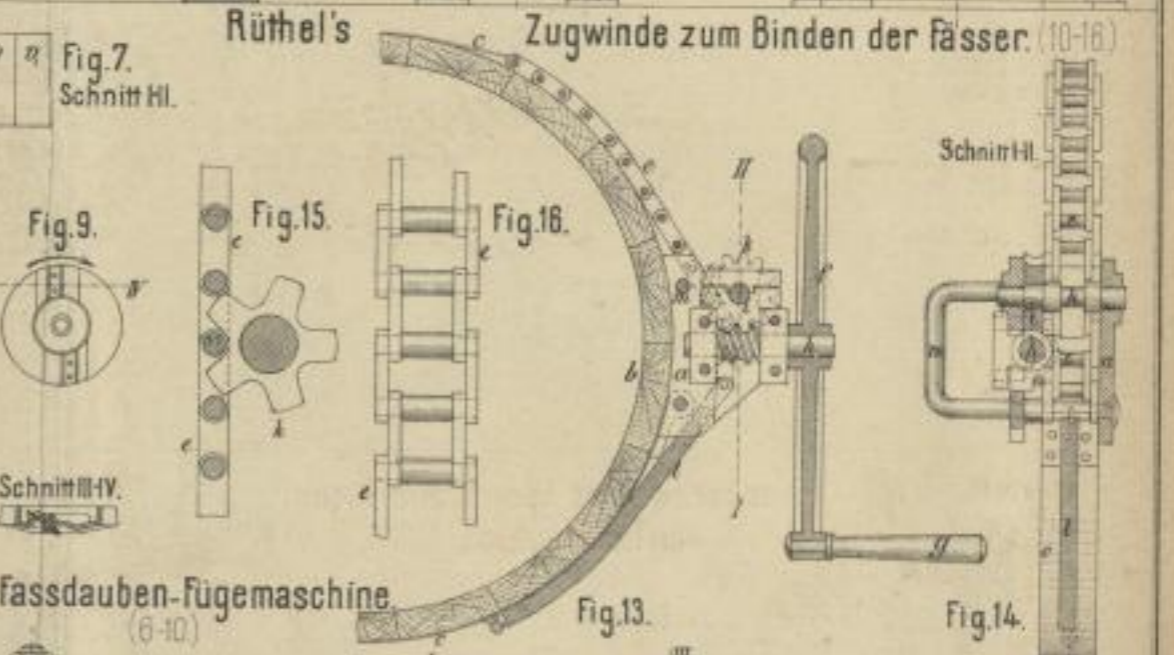
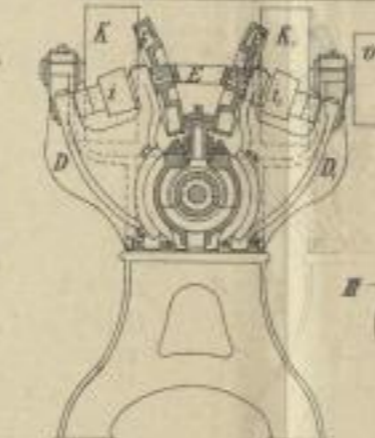
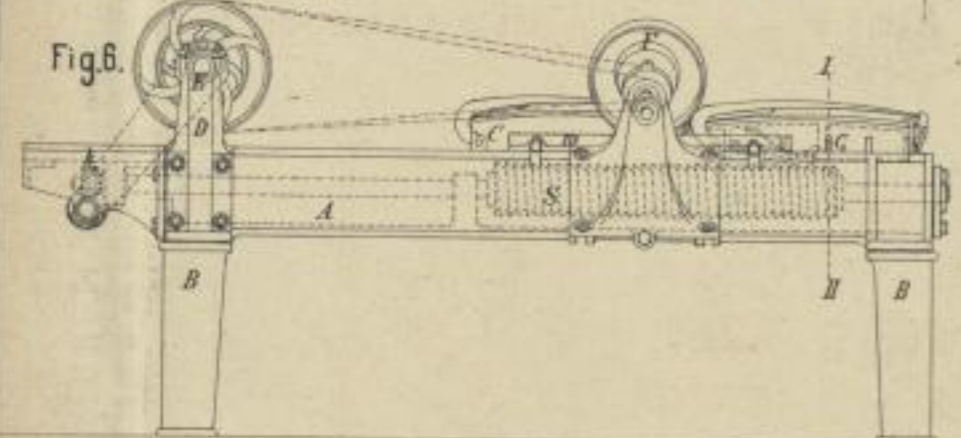
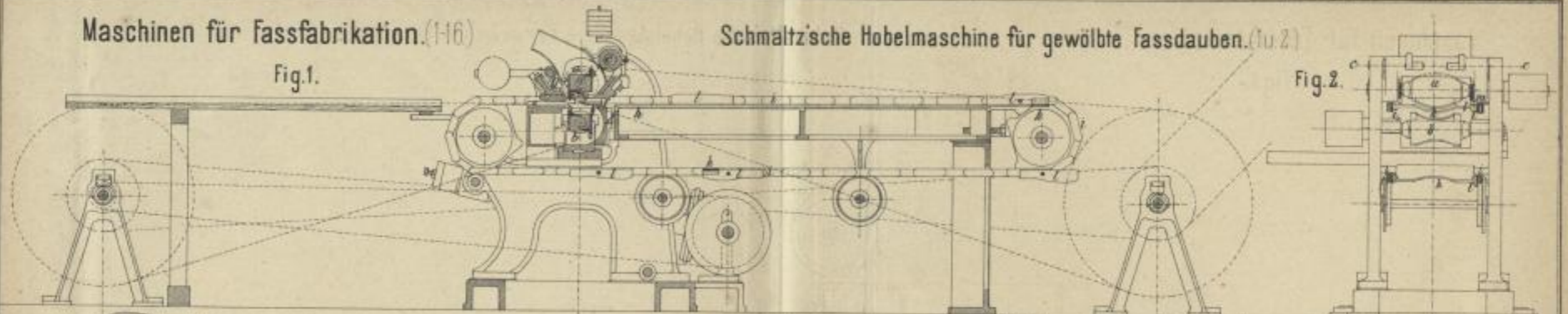


Lith. Anstalt v. F. W. W. Barthel



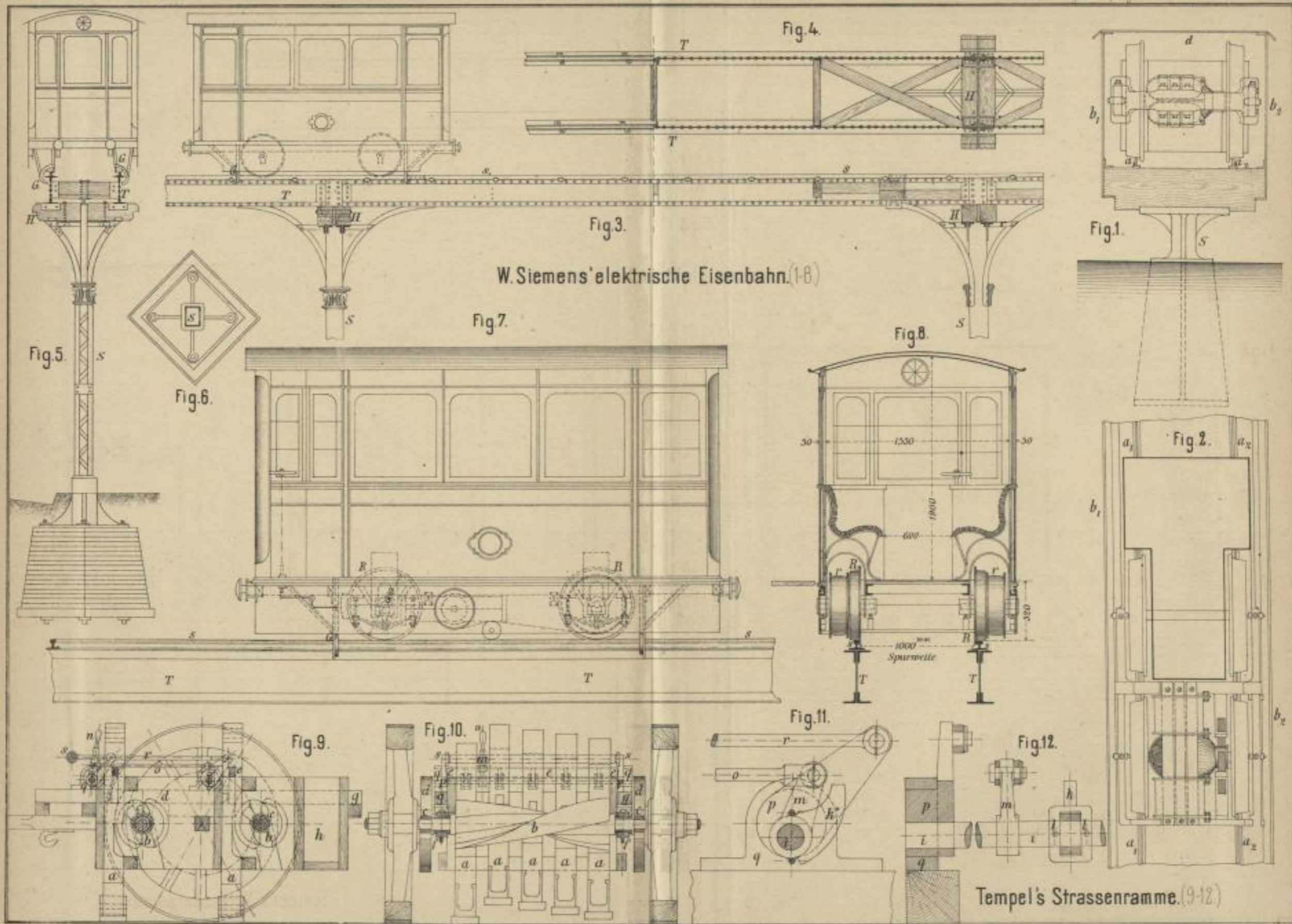
Maschinen für Fassfabrikation. (1-16)

Schmaltz'sche Hobelmaschine für gewölbte Fassdauben. (1u.2.)



Lith. Anst. v. E. Wörck Darmstadt





W. Siemens' elektrische Eisenbahn. (1-8)

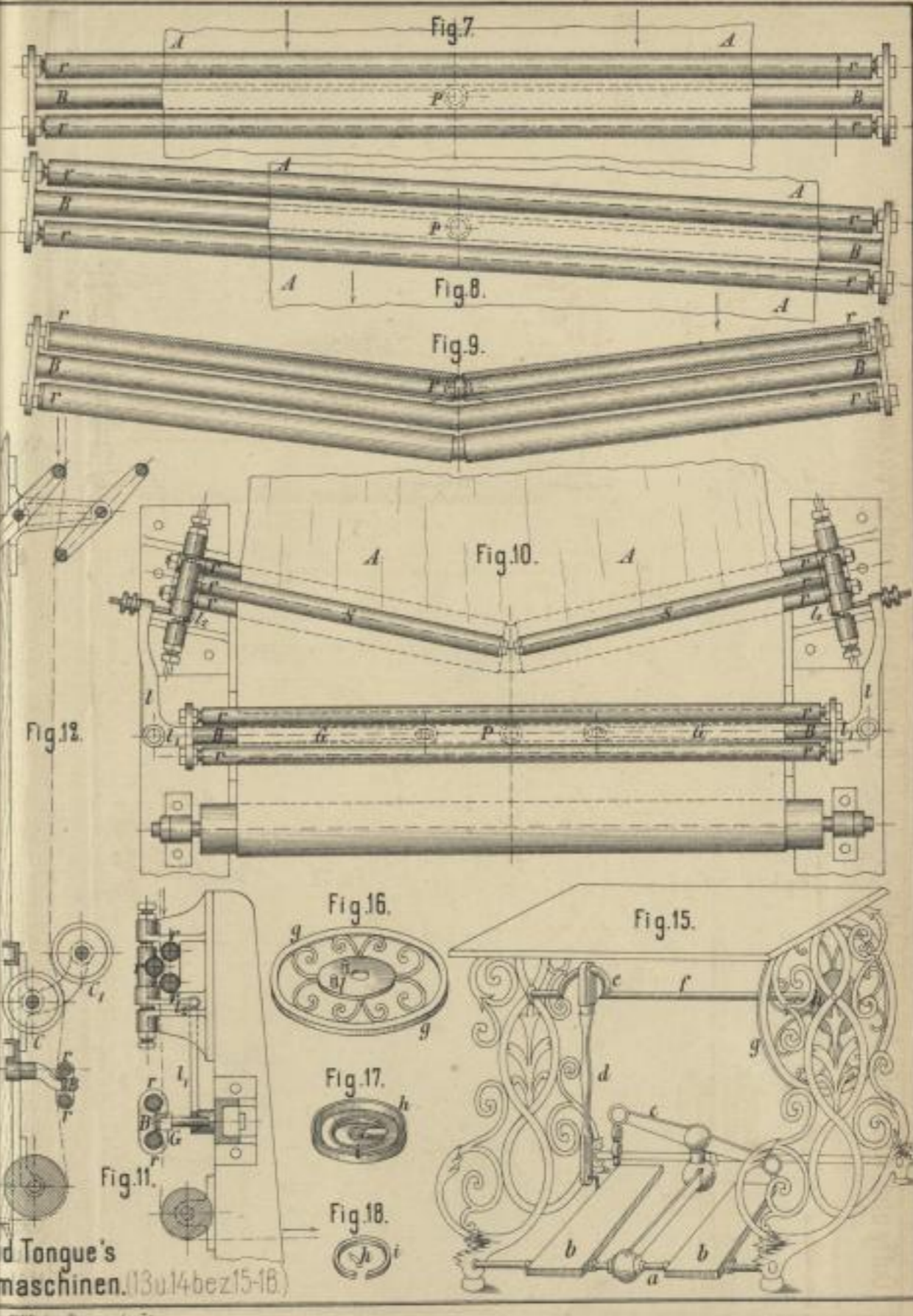
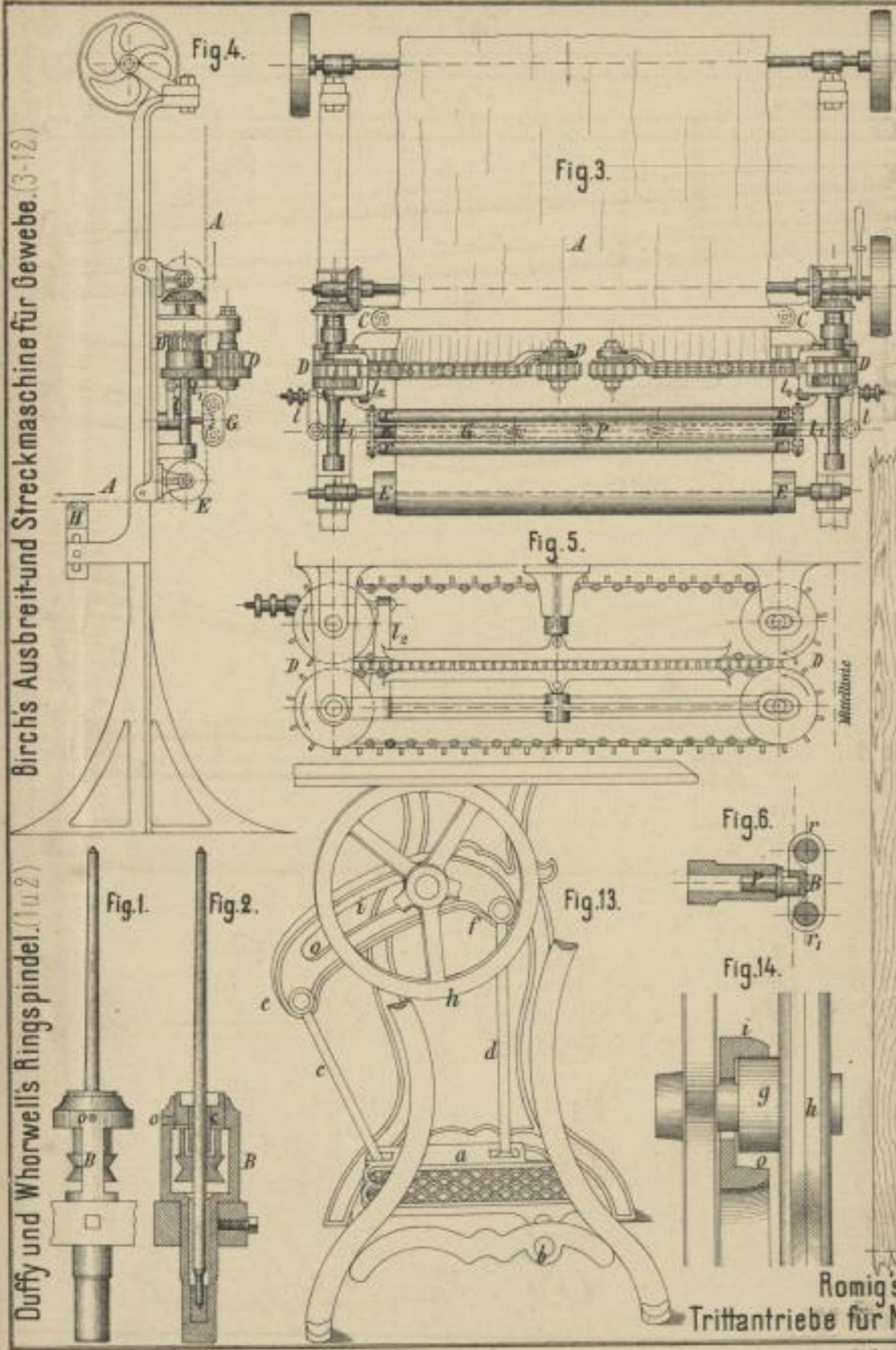
Tempel's Strassenramme. (9-12)

Lith. Anst. v. F. Wirtz, Darmstadt



Birch's Ausbreit- und Streckmaschine für Gewebe. (3-12)

Duffy und Whorwells Ringspindel. (1 u. 2)

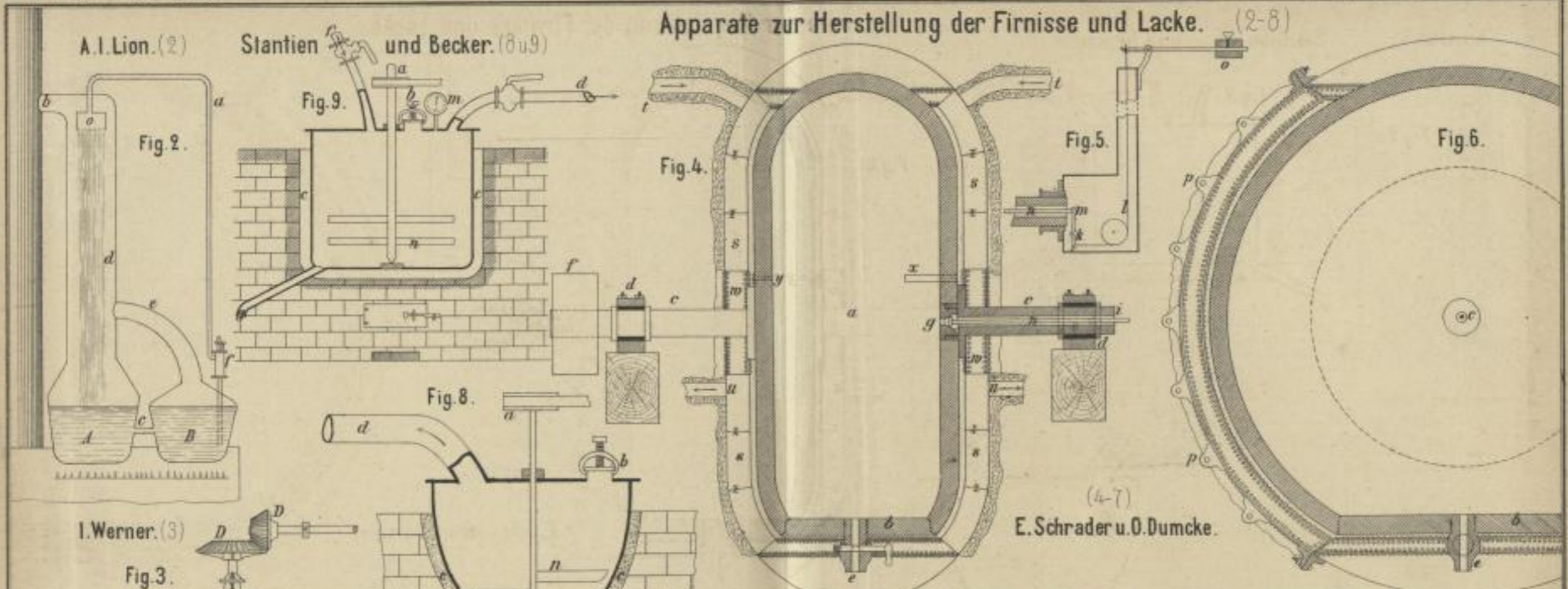


Romig's und Tongue's Trittantriebe für Nähmaschinen. (13 u. 14 bez. 15-18)

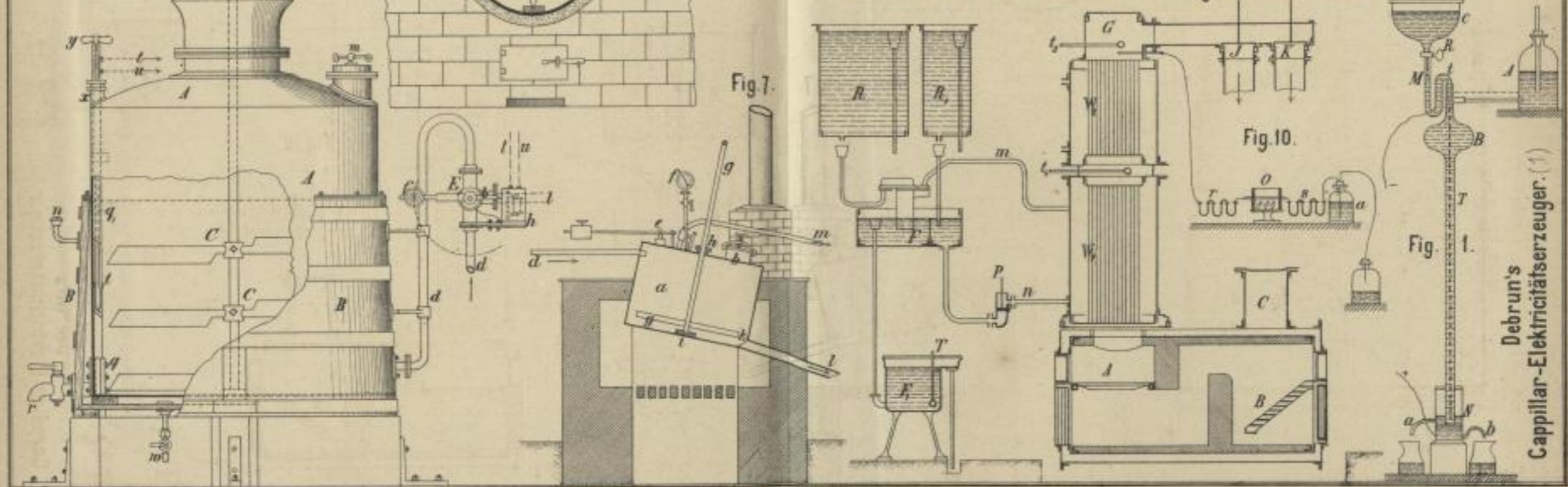
Lehr-Anstalt F. Wörke, Darmstadt



### Apparate zur Herstellung der Firnisse und Lacke. (2-8)



### Münchener Versuchsstation für Prüfung von Brennstoffen. (10)



Lith. Anstalt v. F. W. B. in Dresden



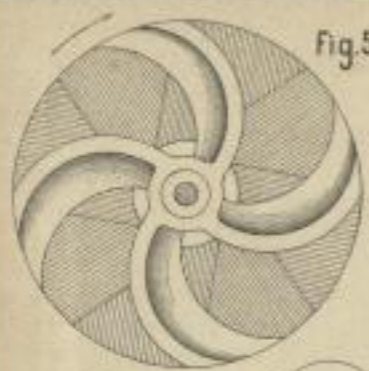


Fig. 5.

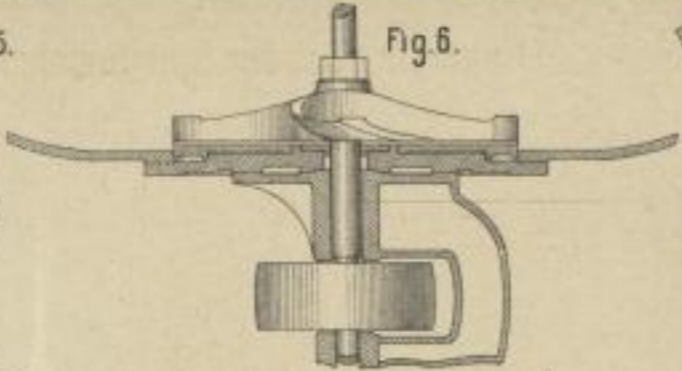


Fig. 6.

Paucksch's

Universalmaischapparat. (5-9)

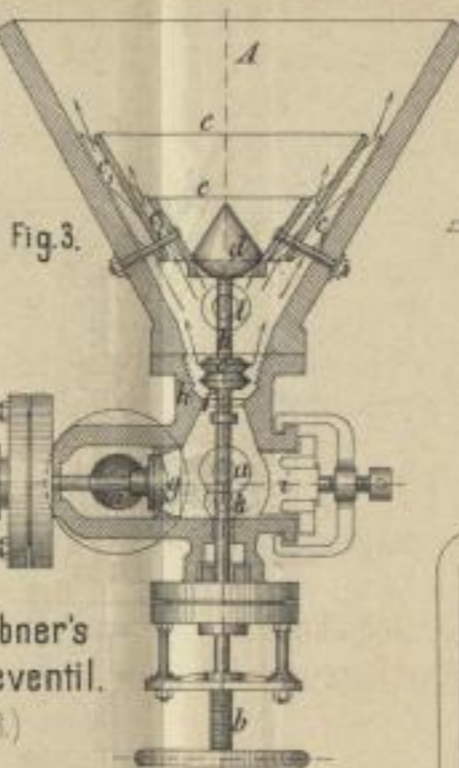


Fig. 3.

J. Scheibner's Ausblaseventil. (3)

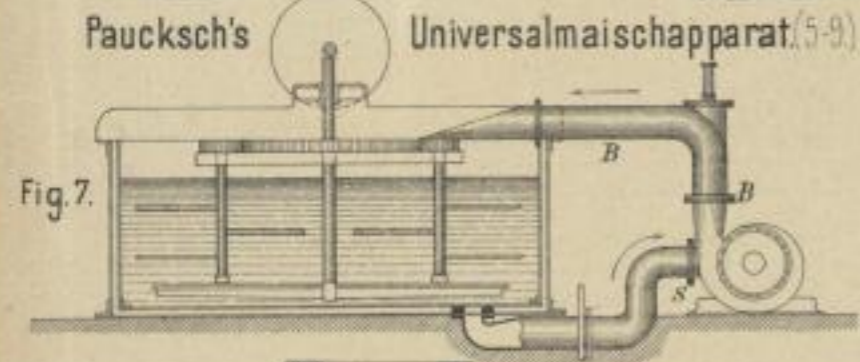


Fig. 7.

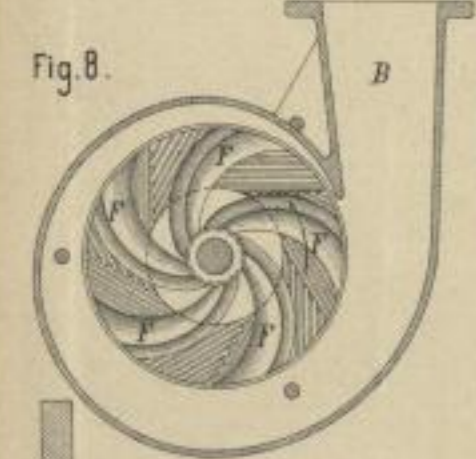


Fig. 8.

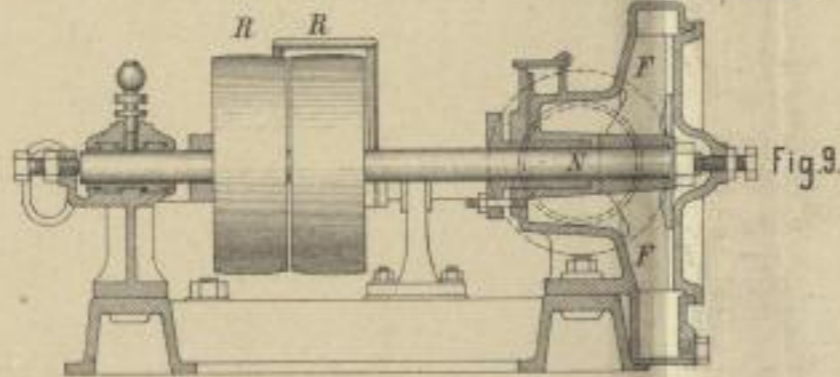


Fig. 9.

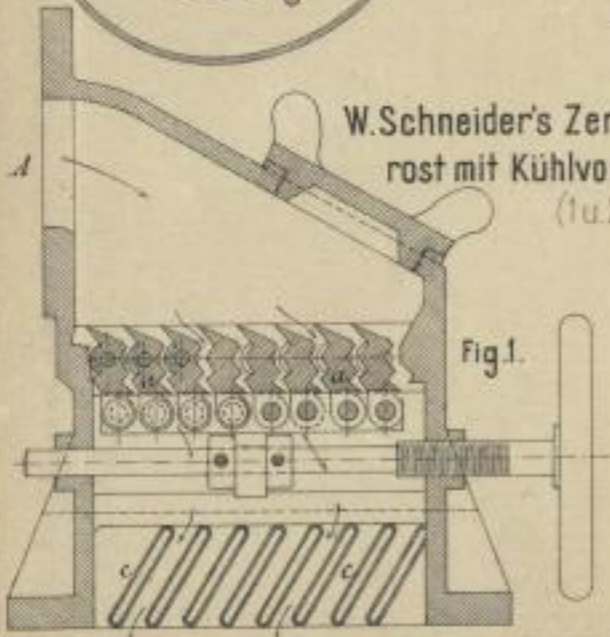


Fig. 1.

W. Schneider's Zerkleinerungsrost mit Kühlvorrichtung. (1 u. 2.)

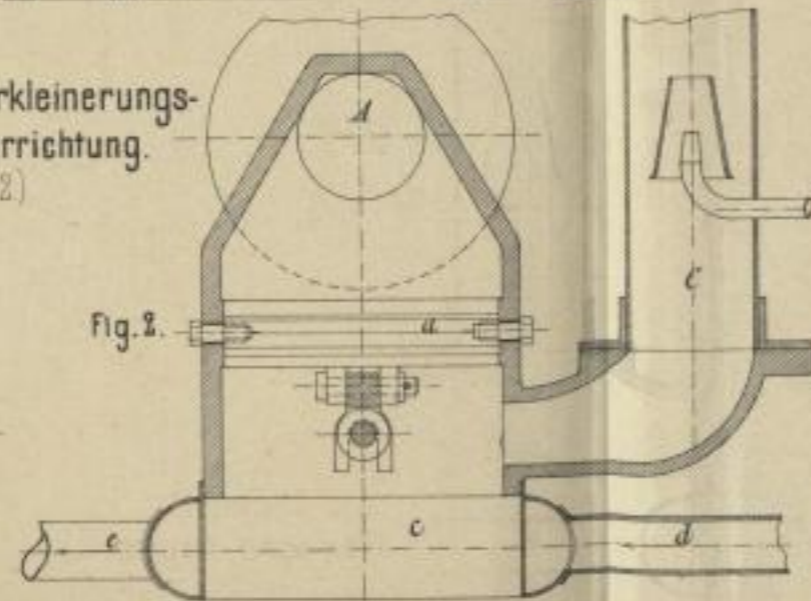


Fig. 2.

Neuerungen in der Spiritusfabrikation

(Taf. 37 und 38.)

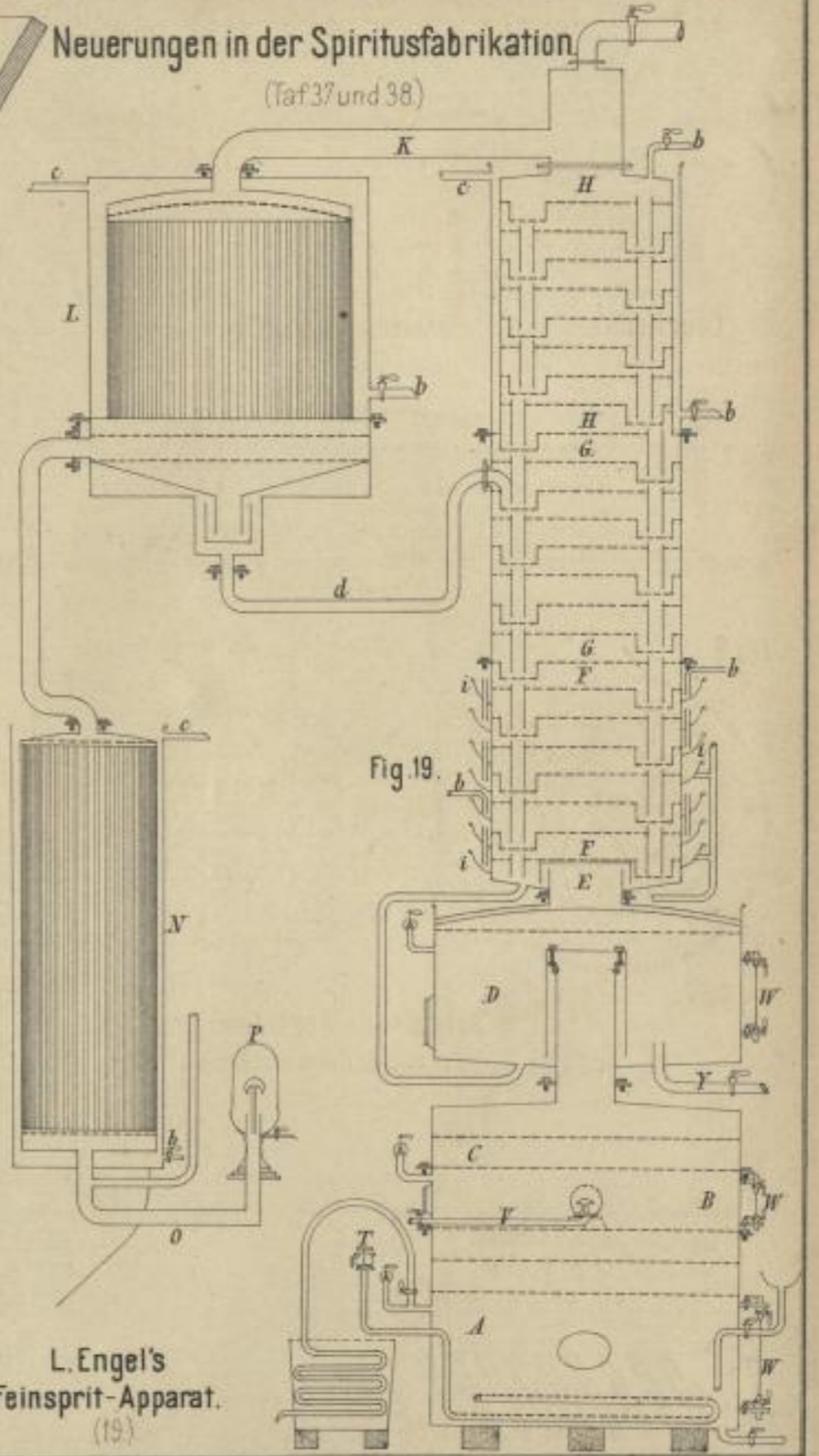


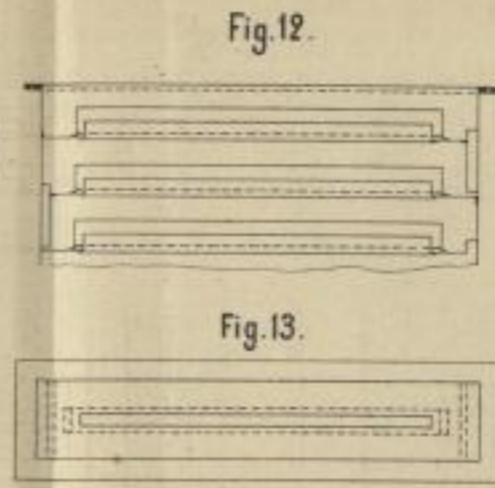
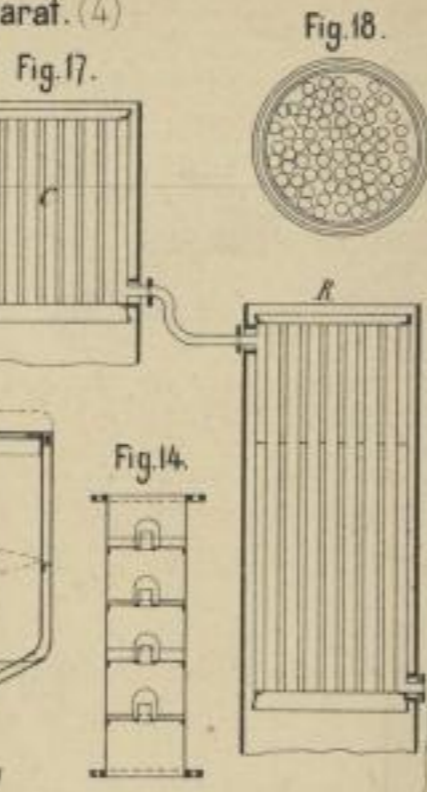
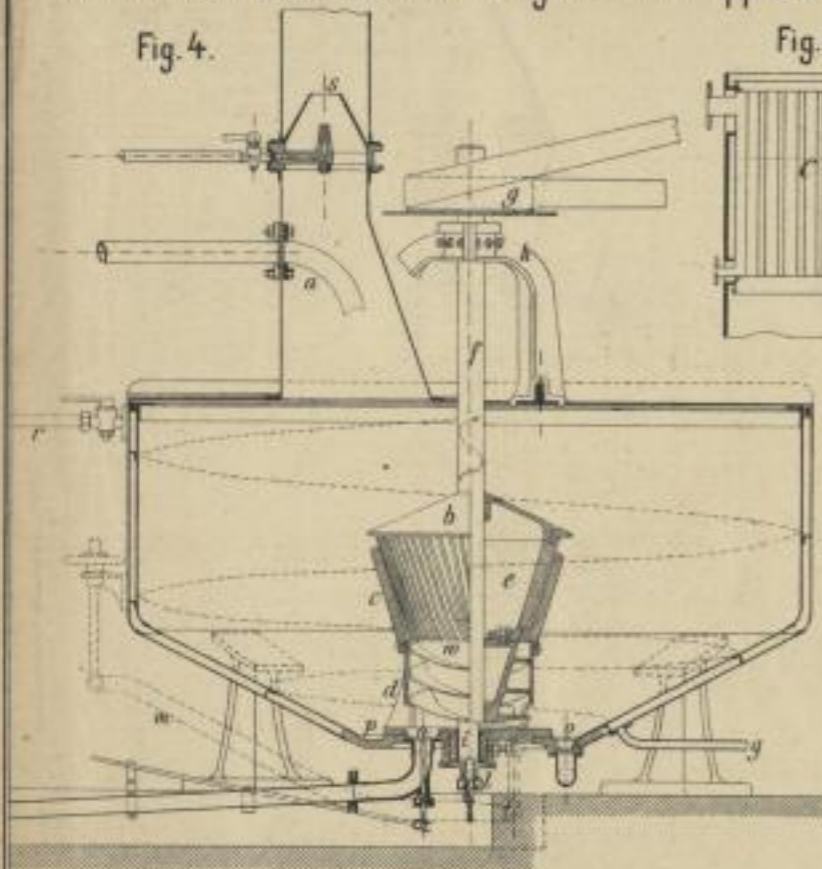
Fig. 19.

L. Engel's Feinsprit-Apparat. (19)

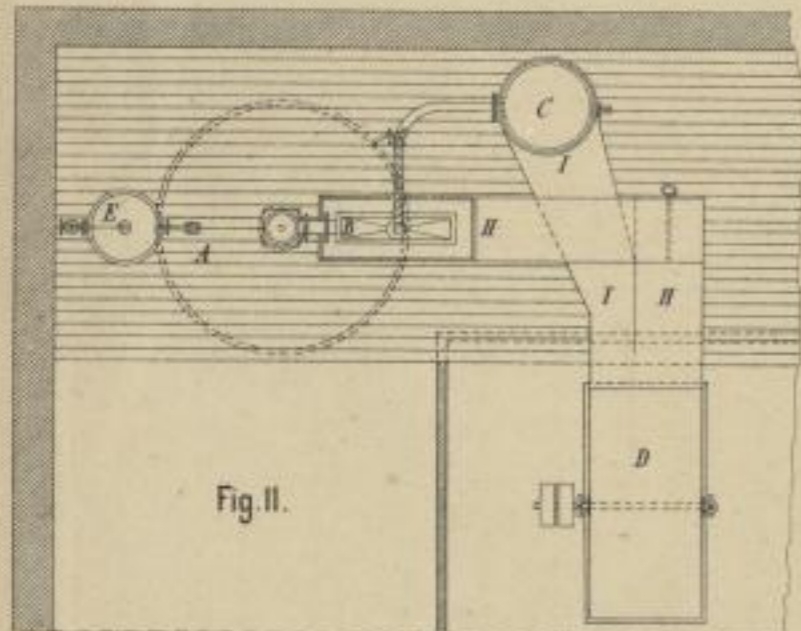
Lith. Anst. v. F. Wörts, Darmstadt.



O. Hentschel's Maischzerkleinerungs- und Kühlapparat. (4)



Neuerungen in der Spiritusfabrikation. (Taf. 37 u. 38)



Savalle's Ummantelung der Colonne und des

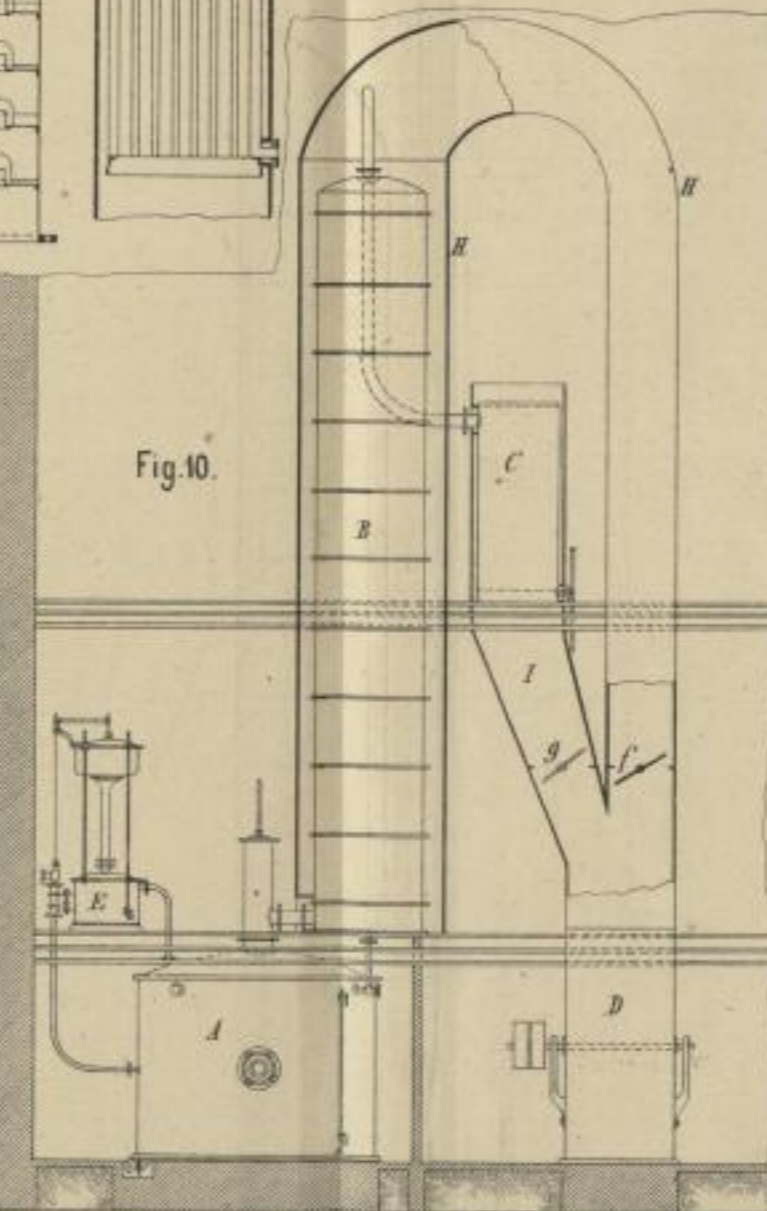


Fig. 10.

Lith. Anstalt v. F. Wirtz, Darmstadt

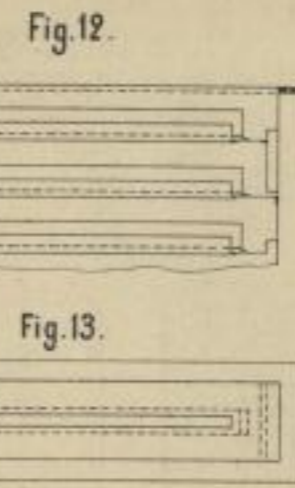


Fig. 13.

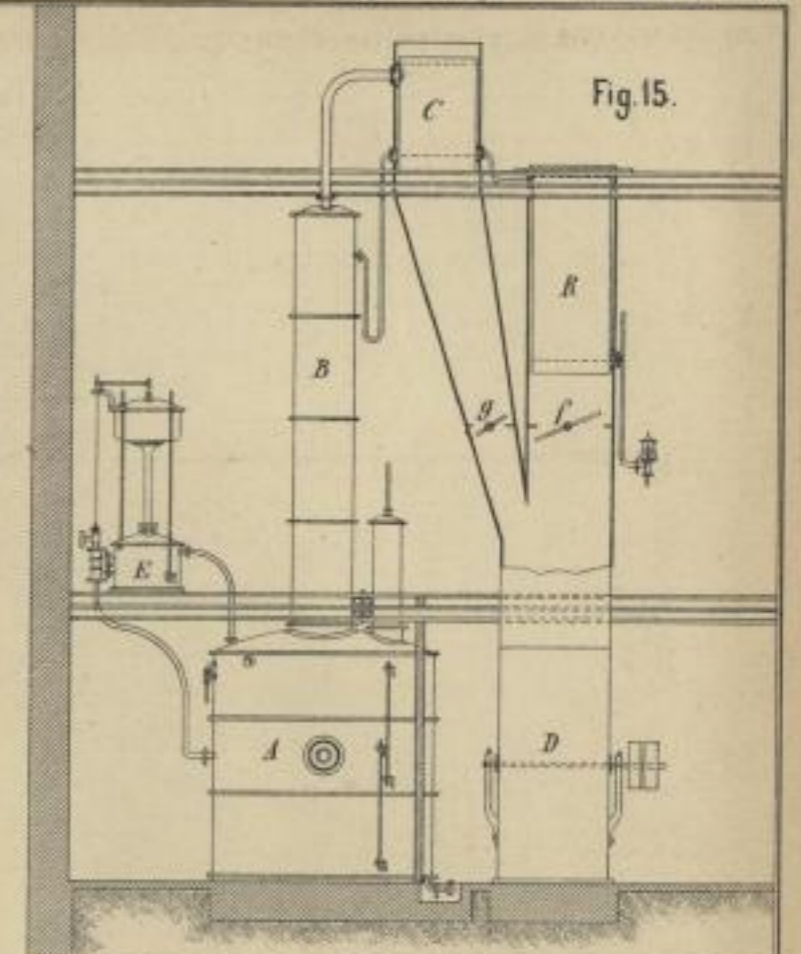


Fig. 15.

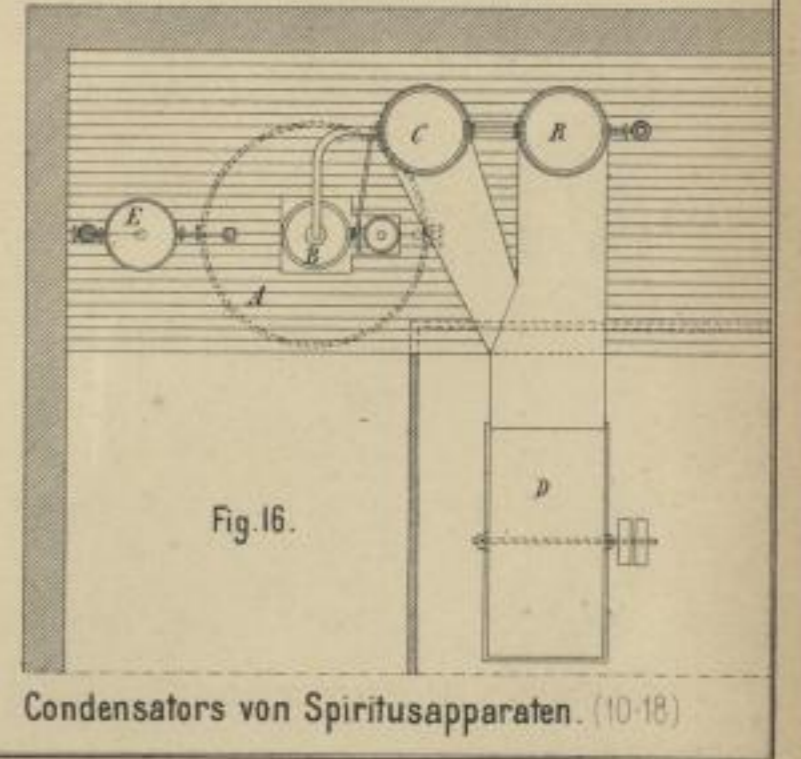
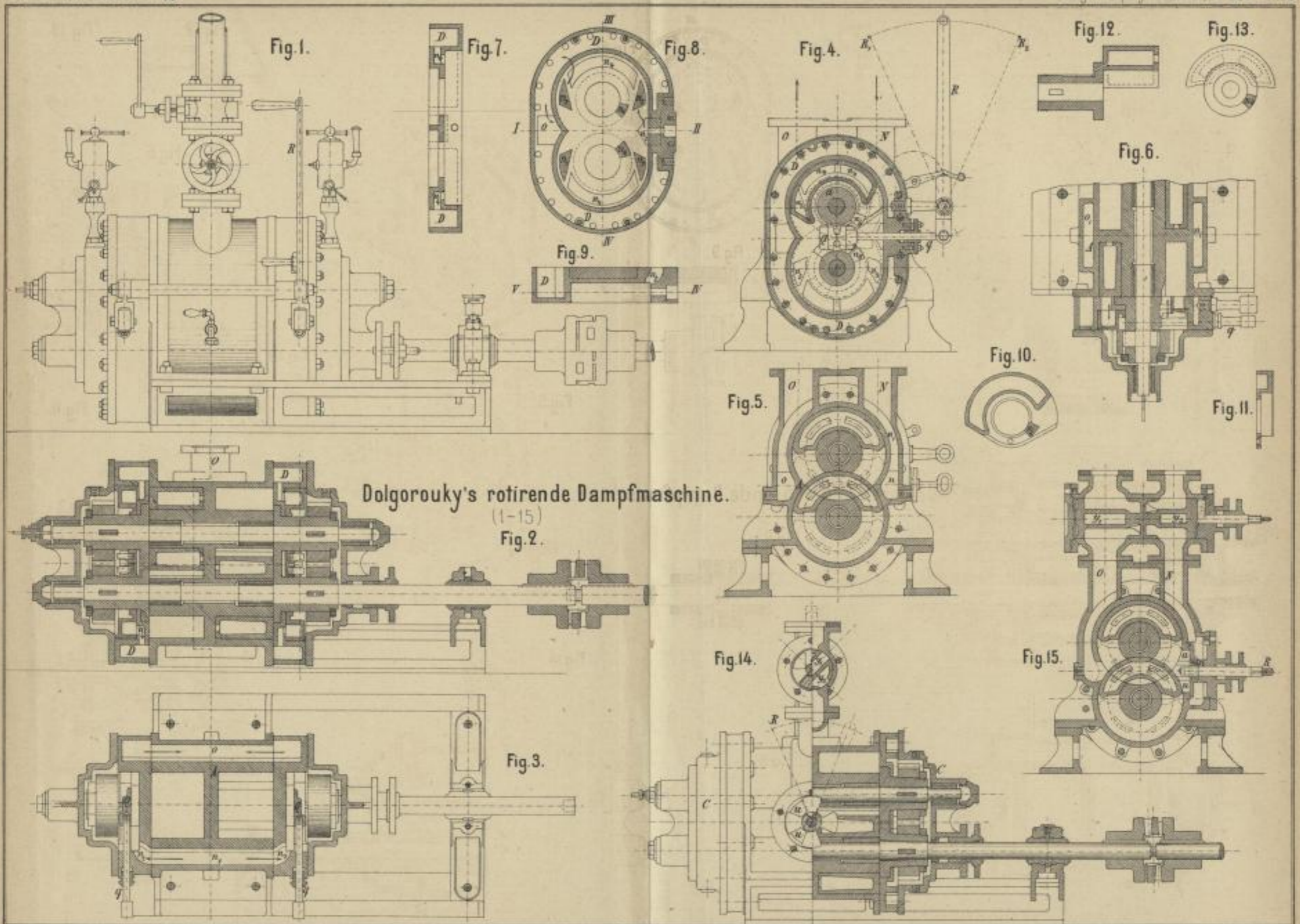


Fig. 16.

Condensators von Spiritusapparaten. (10-18)





Dolgorouky's rotirende Dampfmaschine.  
(1-15)  
Fig. 2.

Leh. Anstalt u. F. W. W. Bismarck



G. Wellner's Zellenrad-Gebläse. (1-5)

Fig. 1.



Fig. 2.

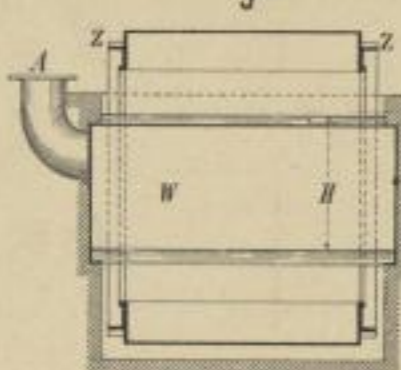


Fig. 3.

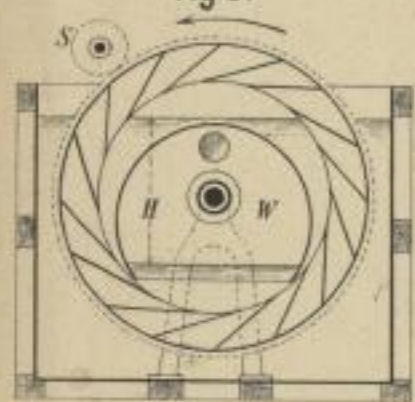


Fig. 4.

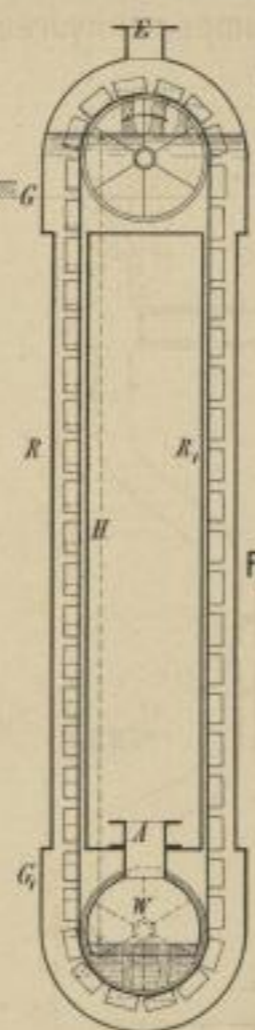
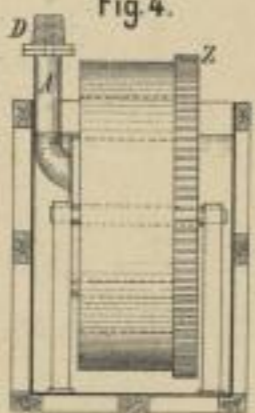


Fig. 5.

H. Krebs' Pumpe mit hydraulischem Gestänge. (13 u. 14)

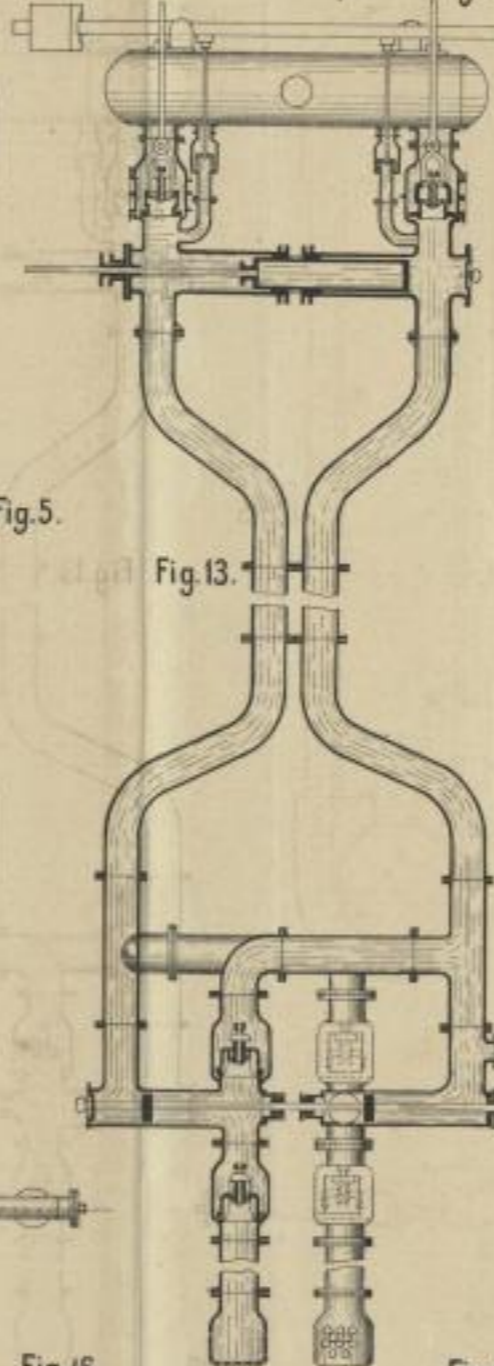


Fig. 13.

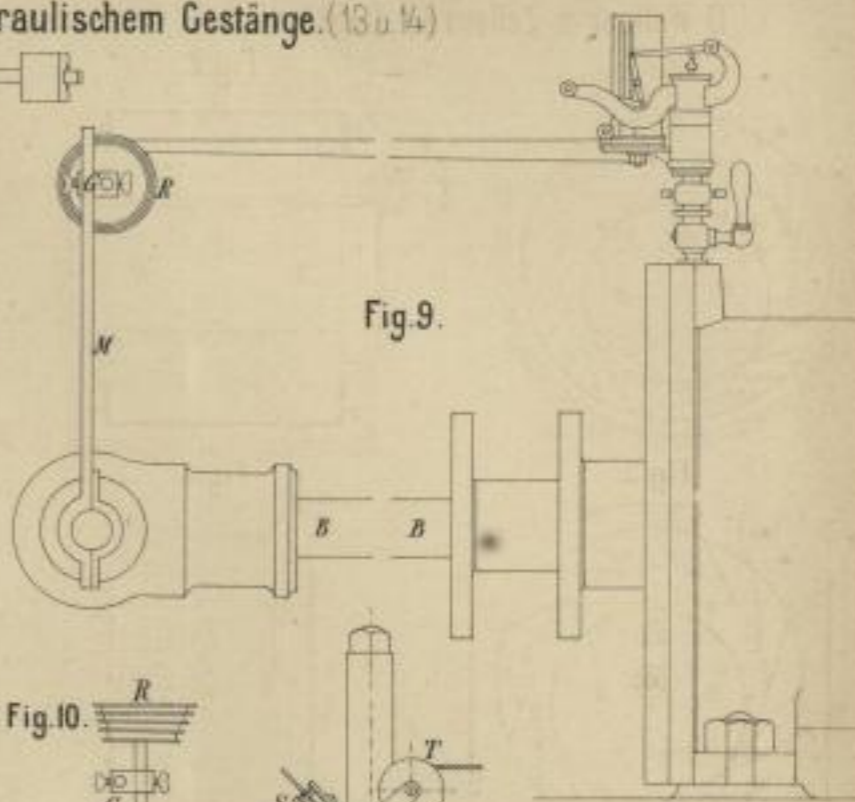


Fig. 9.

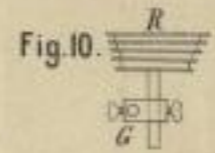


Fig. 10.

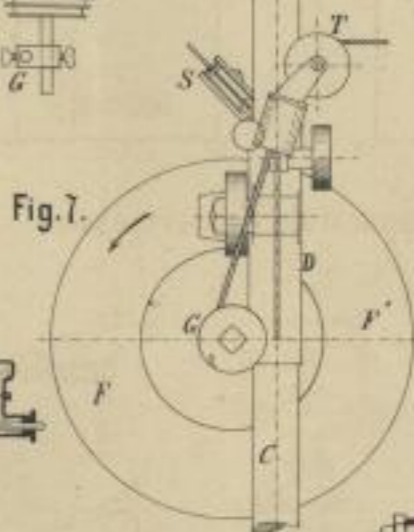


Fig. 7.

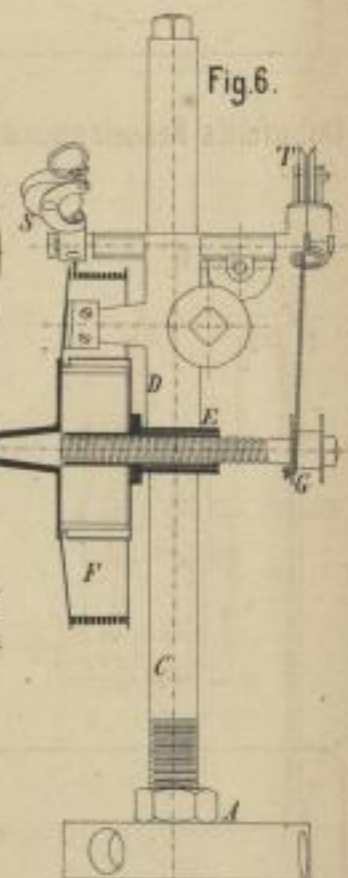


Fig. 6.

Cohnfeld's Kesselspeiseapparat als Wassermesser. (11 u. 12)

Fig. 11.

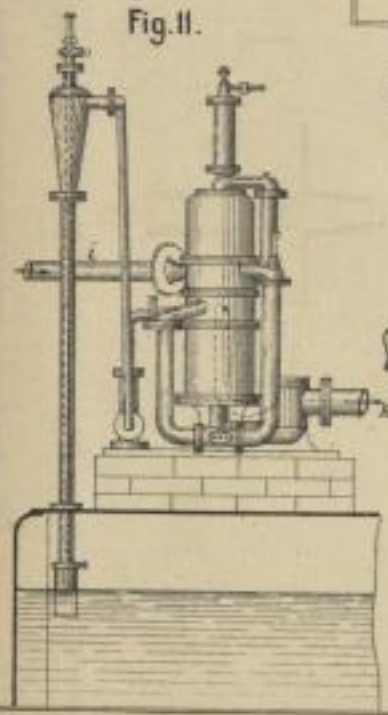
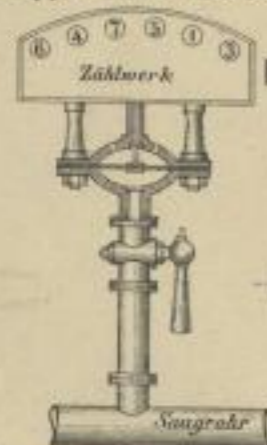


Fig. 12.



Berstein's Münzprüfer. (15-17)

Fig. 14.

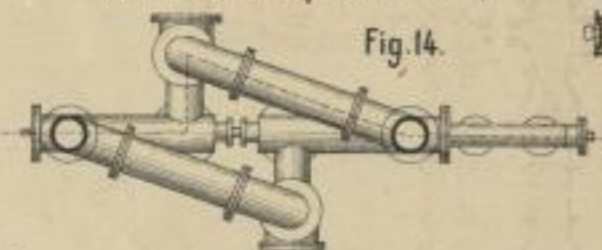


Fig. 15.

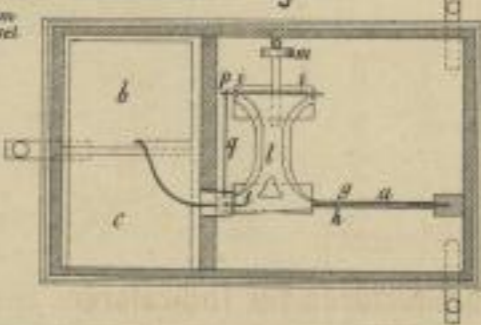


Fig. 16.

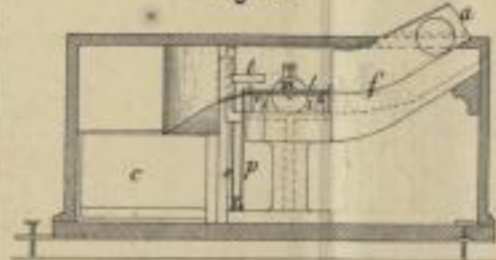
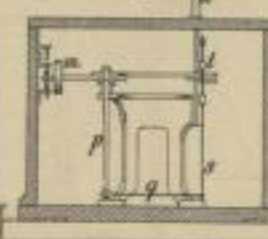


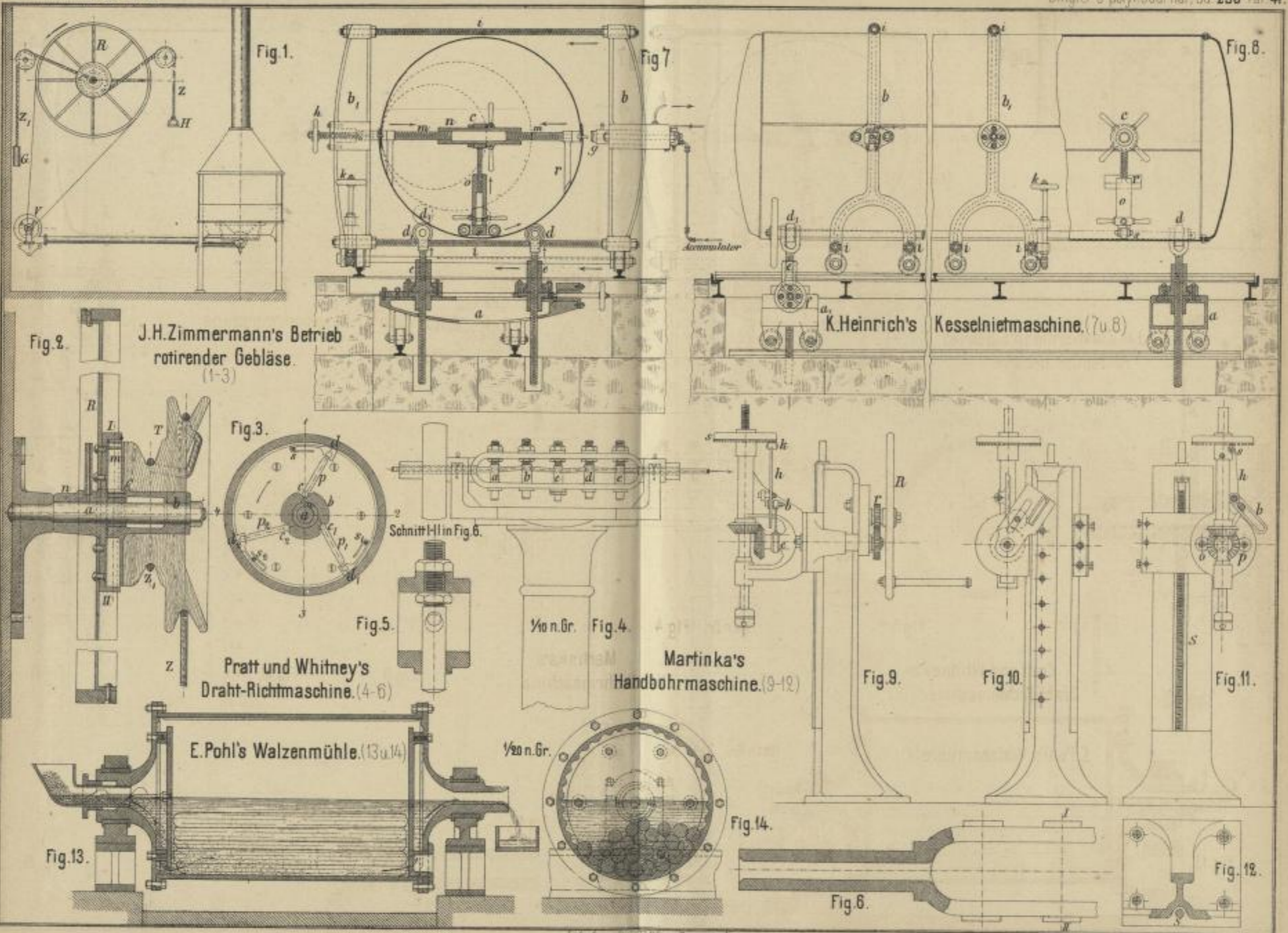
Fig. 17.



L. Stanek's und F. Knüttel's Hubreductoren für Indicatoren. (6-8 bez. 9 u. 10)

Lith. Anstalt v. F. Wiese, Darmstadt.





J.H.Zimmermann's Betrieb rotirender Gebläse. (1-3)

Pratt und Whitney's Draht-Richtmaschine. (4-6)

E.Pohl's Walzenmühle. (13 u. 14)

Martinka's Handbohrmaschine. (9-12)

K.Heinrich's Kesselnietmaschine. (7 u. 8)

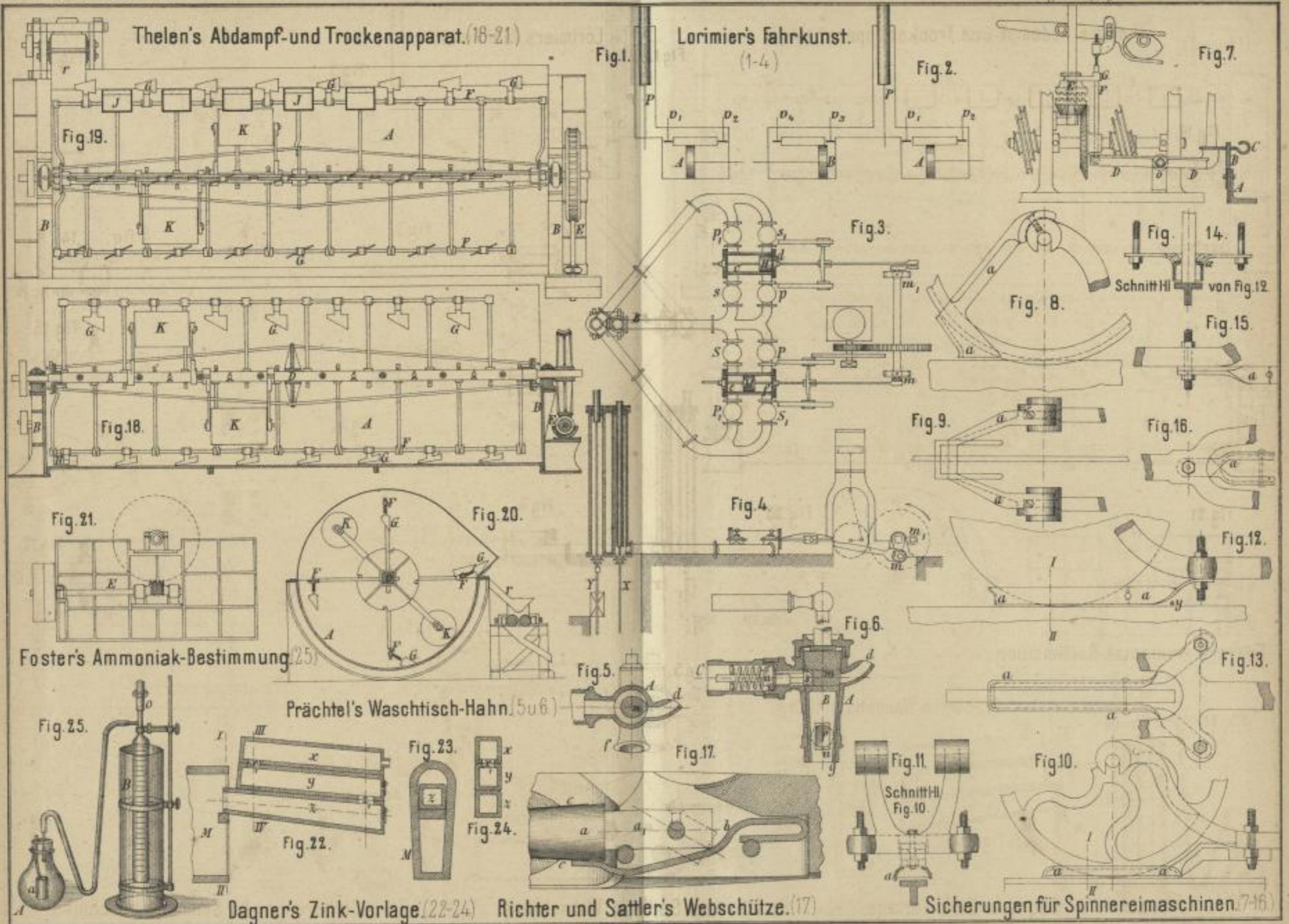
1/20 n.Gr.

1/10 n.Gr.

Schnitt-II in Fig. 6.

Lith. Anstalt v. F. W. Perle, Darmstadt.





Lith. Anst. v. F. Wirtz, Darmstadt.



sächs.  
Landes-  
Bibl



Sächs.  
Landes-  
Bibl.















Einzelmale  
Buchhändler  
DRESDEN

Technol. A. 264



SLUB DRESDEN



3 2422802