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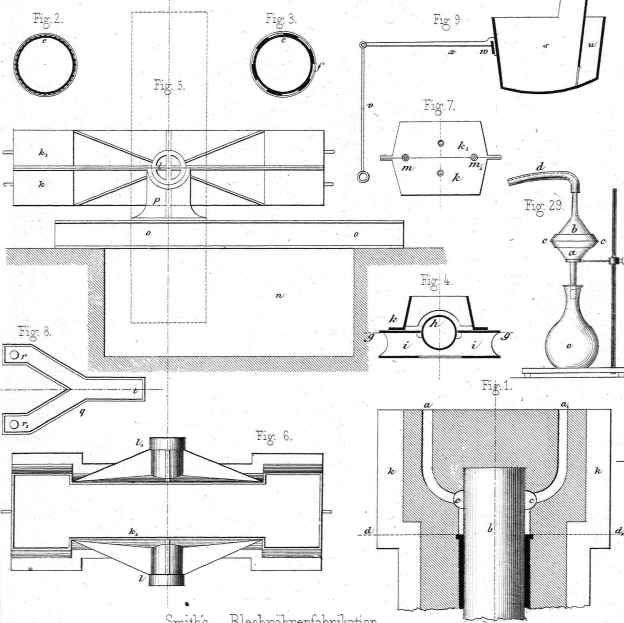
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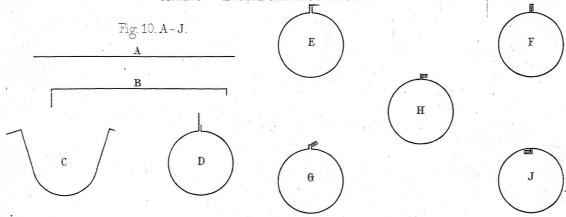
ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

Arzberger: Ueber Einformen weiter gusseiserner Röhren.

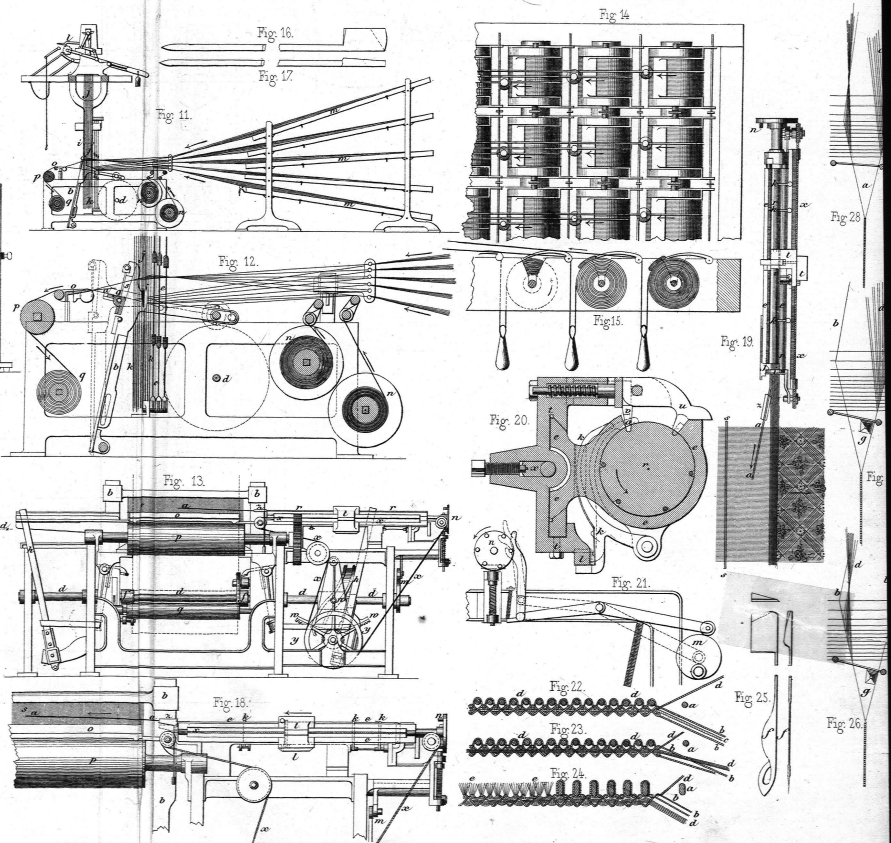


Smith's Blechröhrenfabrikation.

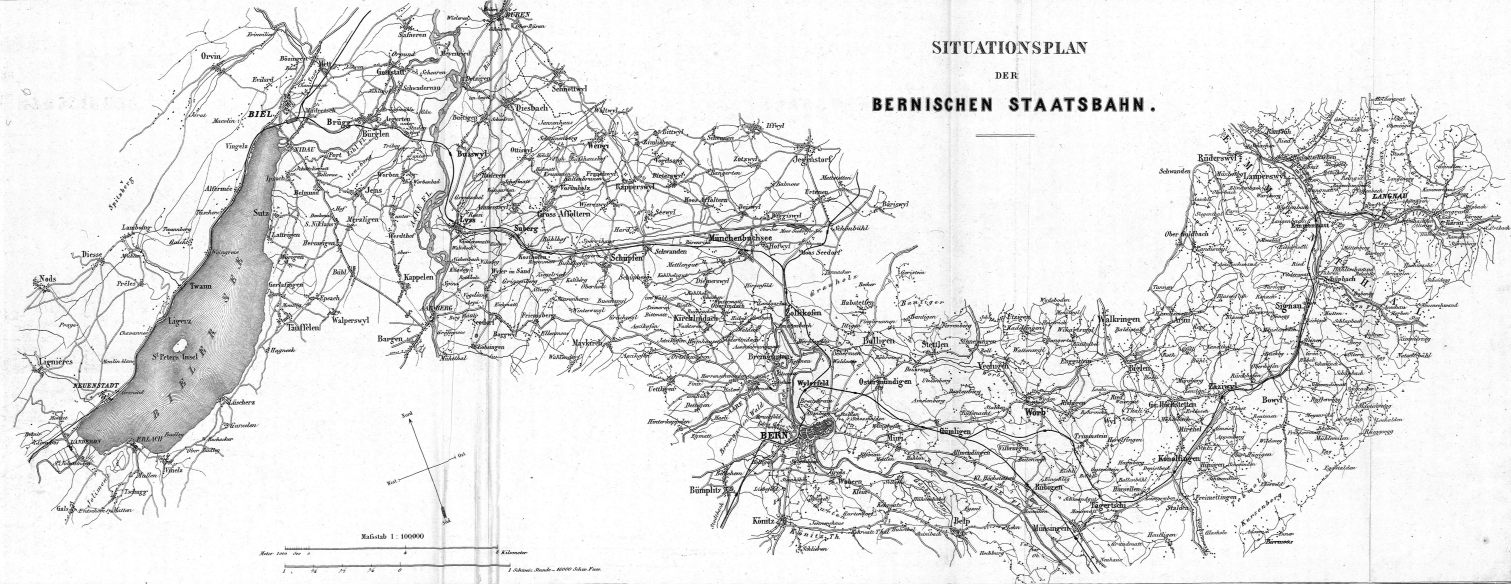
Fig. 10. A-J.



Weild's mechan. Teppichstuhl.



SITUATIONSPLAN DER BERNISCHEN STAATSBAHN.



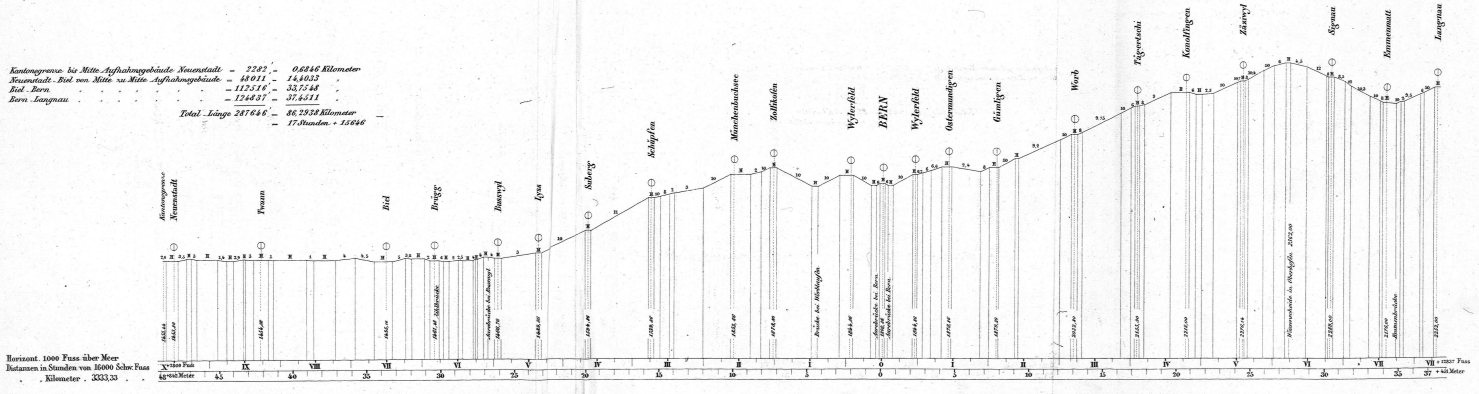
Verlag, Anstalt v. W. & A. B. Neumann, Neudamm, Berlin. 1880. 100000. 1:100000.

BERNISCHE STAATSBAHN NEUENSTADT - BIEL - BERN - LANGNAU.

Längenprofil

Maßstab für die Längen - 1:200000
für die Höhen - 1:4000

Kantonsgrenze bis Mitte Aufstiegsgebäude Neuenstadt = 2287 = 0,8346 Kilometer
 Neuenstadt - Biel von Mitte von Mitte Aufstiegsgebäude = 14011 = 12,5052
 Biel - Bern = 112516 = 52,7548
 Bern - Langnau = 124437 = 31,6611
 Total - Länge 247646 = 86,7558 Kilometer
 17 Stunden - 18946

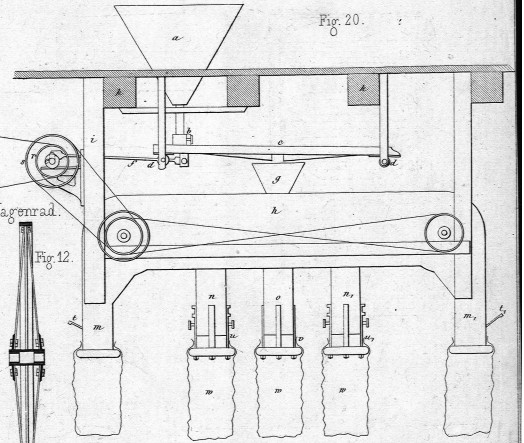
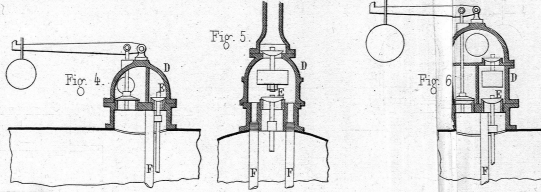
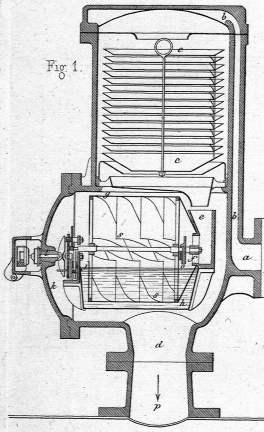


Horizont 1000 Fuss über Meer
 Höhen in Schritten von 1000 über Fuss
 Kilometer = 3333,33

Verdampfungsmesser von Fischer u. Stiehl.

Sicherheitsventile von Hayhes u. Sellers.

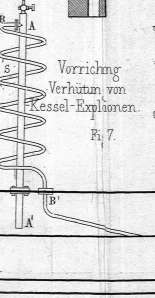
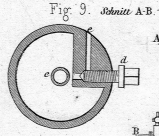
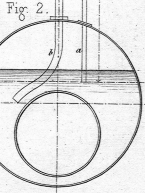
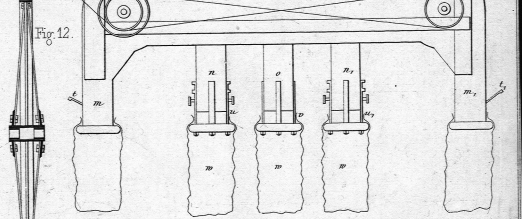
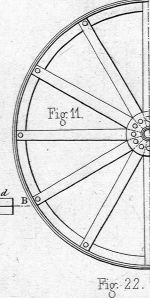
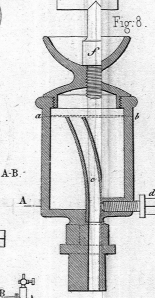
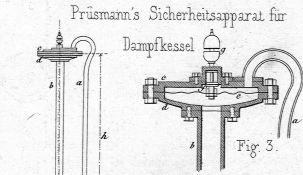
Arndt's Griesputzmaschine. 3/2



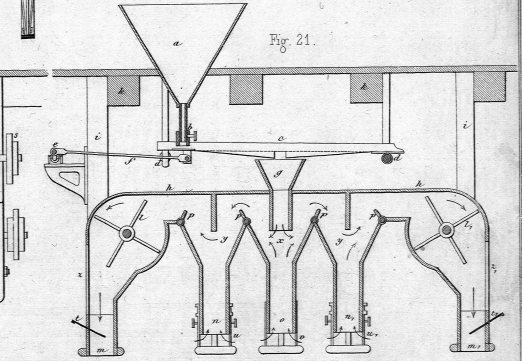
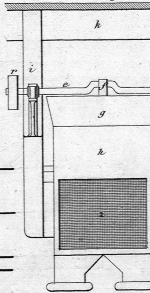
Prüsmann's Sicherheitsapparat für Dampfkessel

Verbesserte Scherbüchse für Dampfcylinder

Clark's stählernes Wagenrad

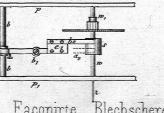
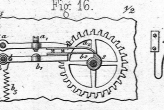
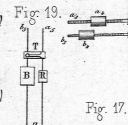
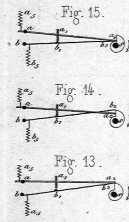
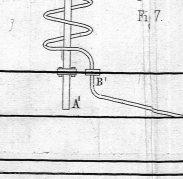


Zabel's Vorrichtung zur Verhütung von Dampf-Kessel-Explosionen

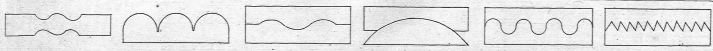


Artzberger's elektrische Uhr

Fig. 18



Façonirte Blechscheren Fig. 10



Desgoffes Apparate zur Bestimmung der Festigkeit der Materialien.

Masstab 1:10.

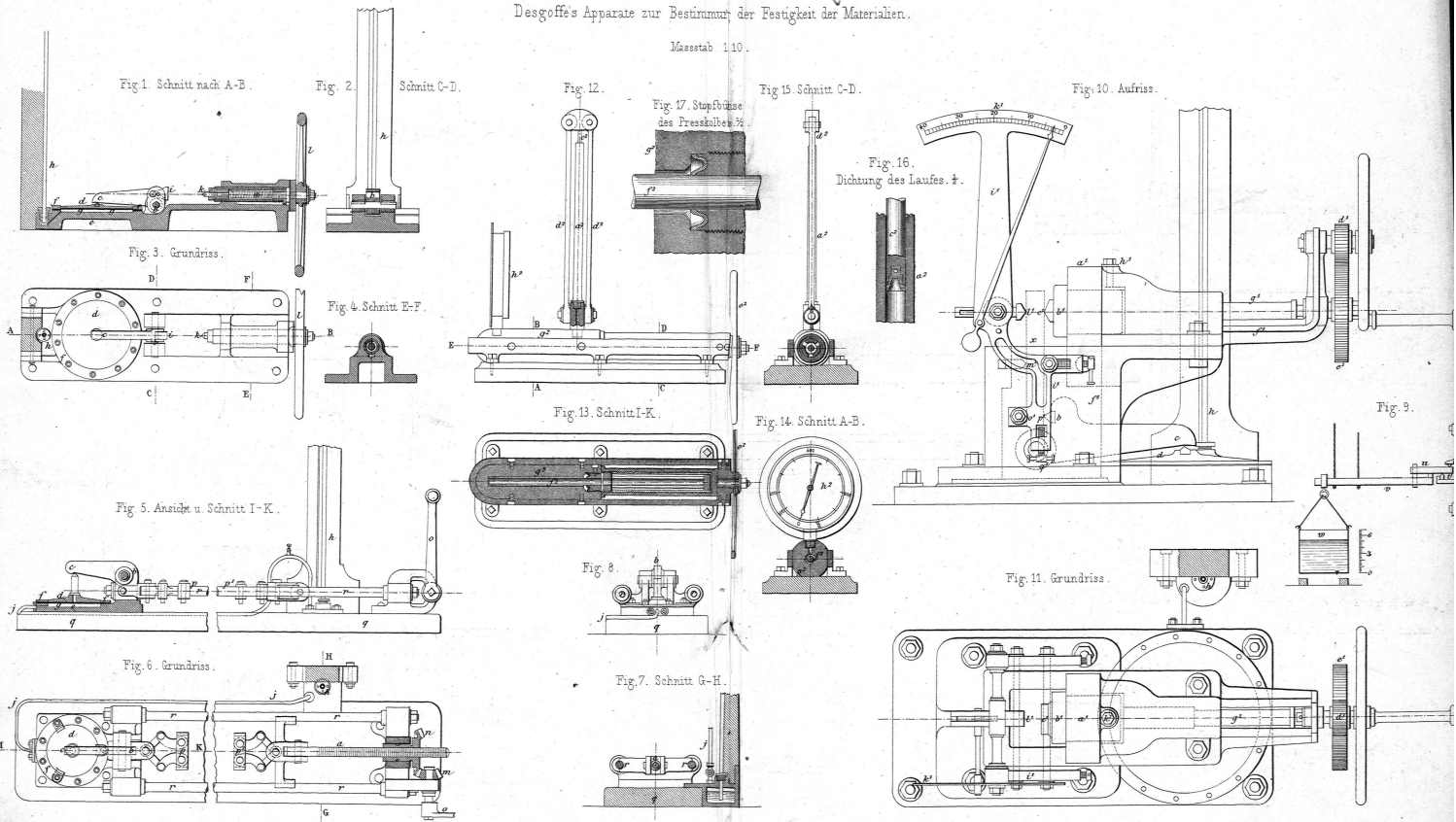
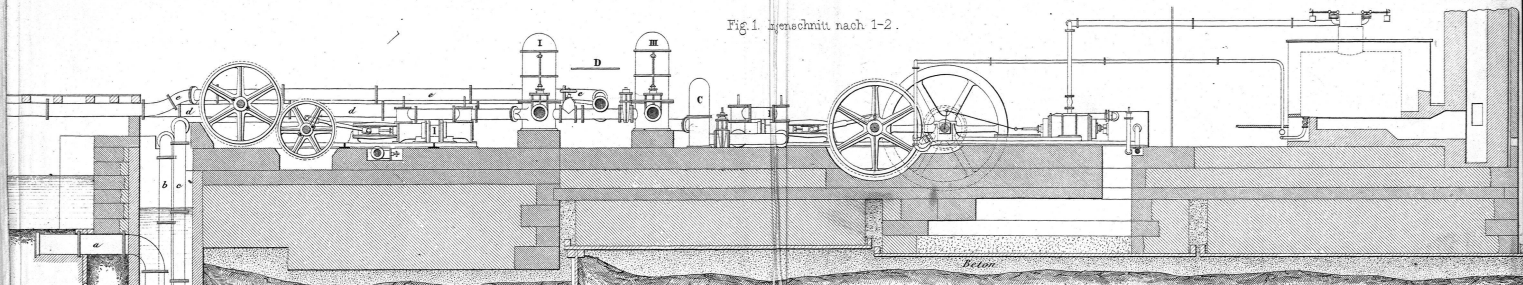


Fig. 1. Längsschnitt nach 1-2.



36 Schaufeln

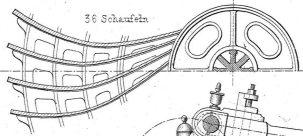


Fig. 5. Querschnitt des Wasserrades (1/6)

Fig. 4. Ventil der Pumpen III u. IV. Fig. 4. Querschnitt. 5-6.

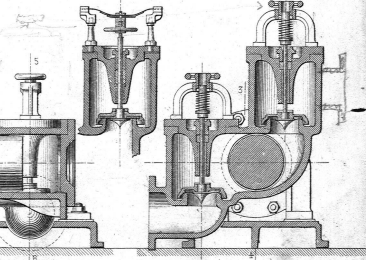
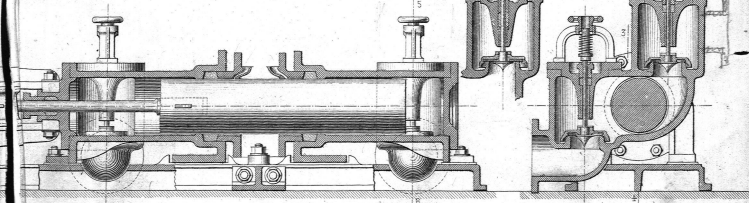


Fig. 6. Längsschnitt der grösseren Pumpe I nach 3-4



PUMPWERK zur WASSERVERSORGUNG DER STADT ZÜRICH.

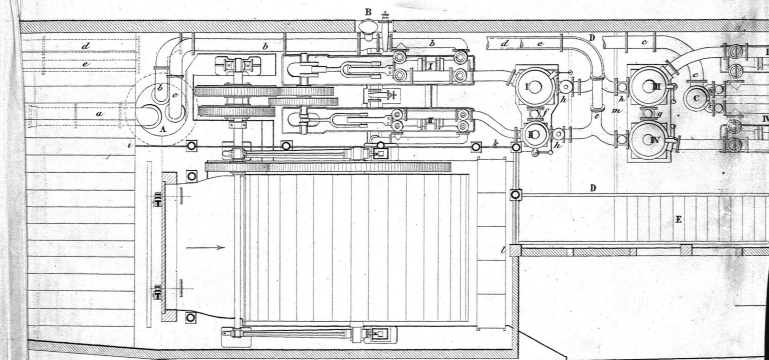


Fig. 2. Grundriss

Maßstab 1/500 zu Fig. 1 u. 2. 10 Meter

Maßstab 1/50 zu Fig. 3 u. 4. 1.2 Meter

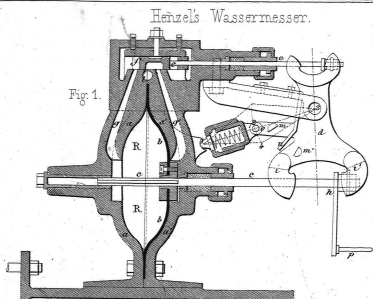


Fig. 1.

Henzels Wassermesser.

Vorrichtung zum selbstthätigen Kugelrollen.

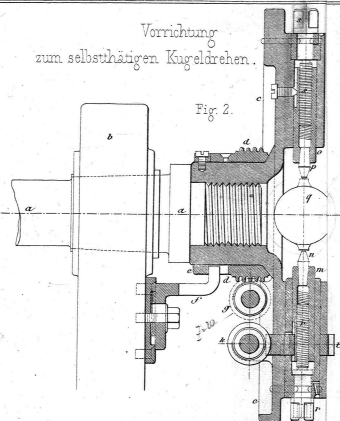


Fig. 2.

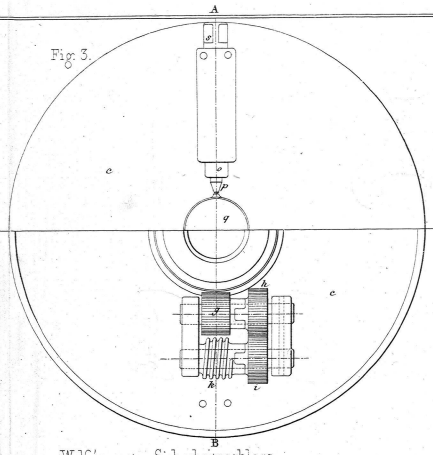


Fig. 3.

Osterkamp's pat. Gesteinbohrmaschine

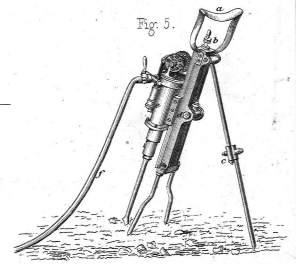


Fig. 5.

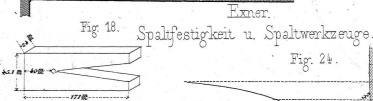


Fig. 18. Spaltfestigkeit u. Spaltwerkzeuge.

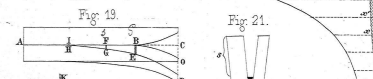


Fig. 19.

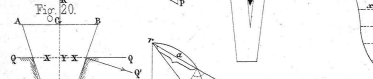


Fig. 20.

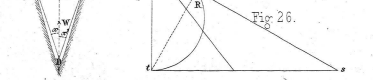


Fig. 21.



Fig. 22.



Fig. 23.

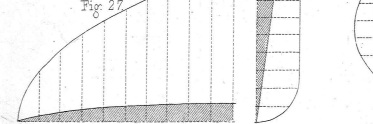


Fig. 27.

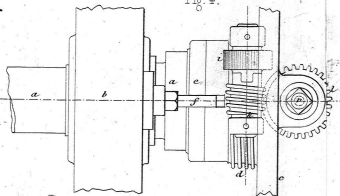


Fig. 4.

Dreyer's autom. Markencontrollapparat.

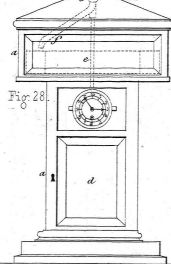


Fig. 28.

Kalkherde für Rohrenbrennen.

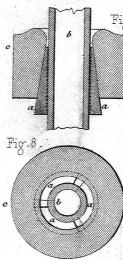


Fig. 7.

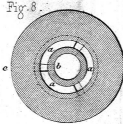


Fig. 8.

Wolf's pat. Sicherheitsschloss.

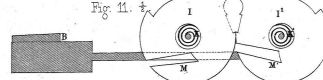


Fig. 11.

Fig. 17.



Fig. 12.



Fig. 13.

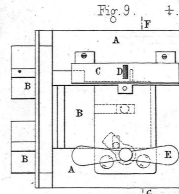


Fig. 9.

Fig. 10.



Fig. 15.



Fig. 16.

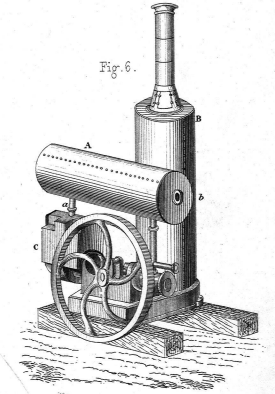
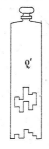


Fig. 6.

Fig. 1.

GUSSEISERNER BRUNNEN

mit drei Schalen und einer Büttenträgerschale.

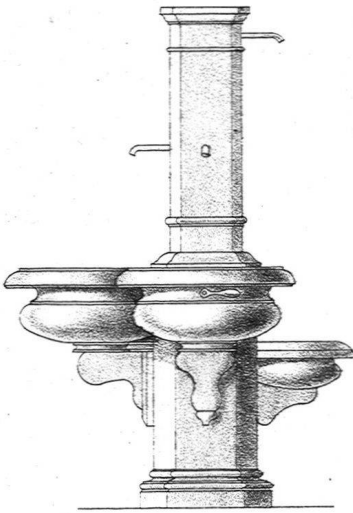


Fig. 2. Seitenansicht des Brunnens.

3/10.

1/10.

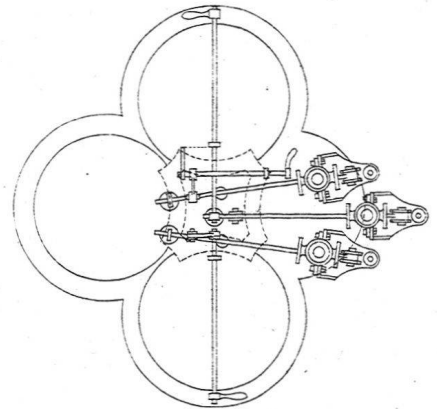
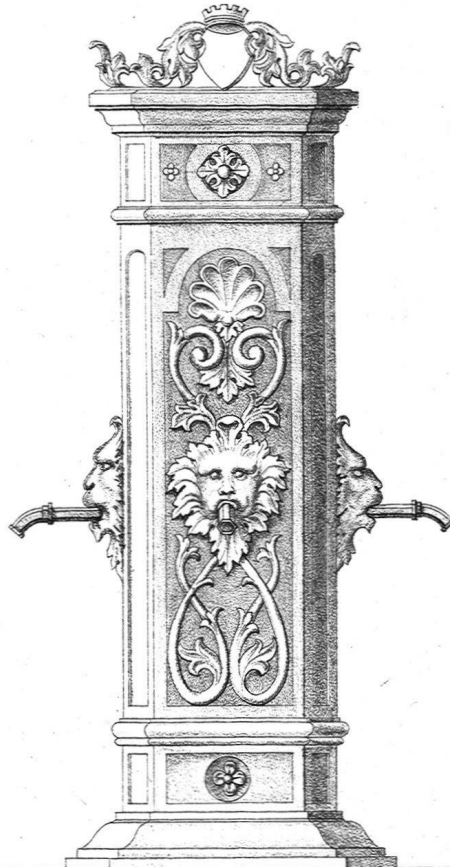
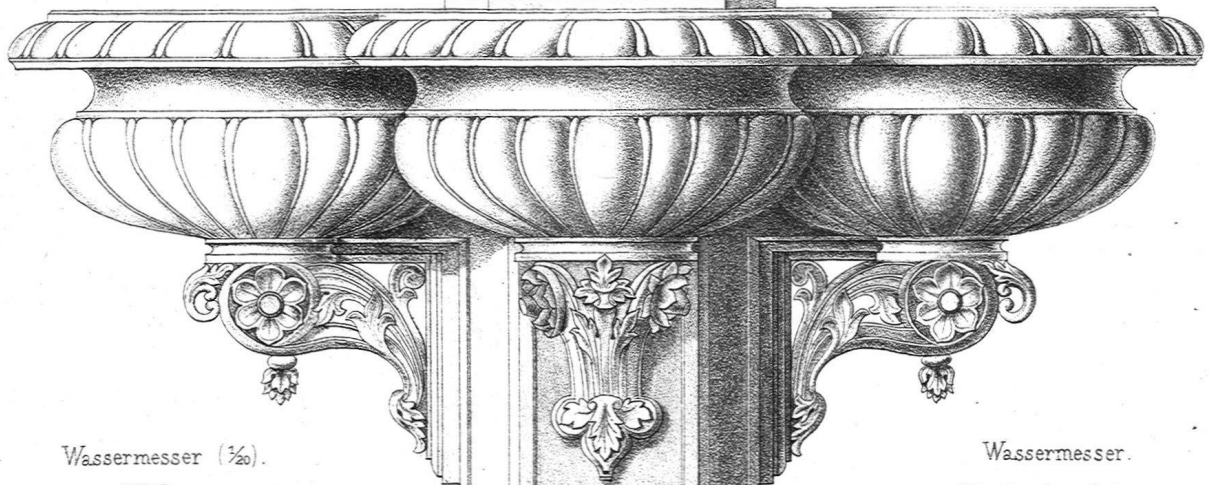


Fig. 3.

Grundriss des Brunnens
mit den Absperrventilen.

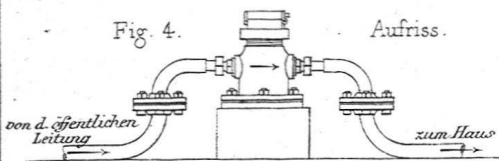
3/10.



Wassermesser (1/20).

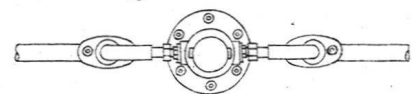
Fig. 4.

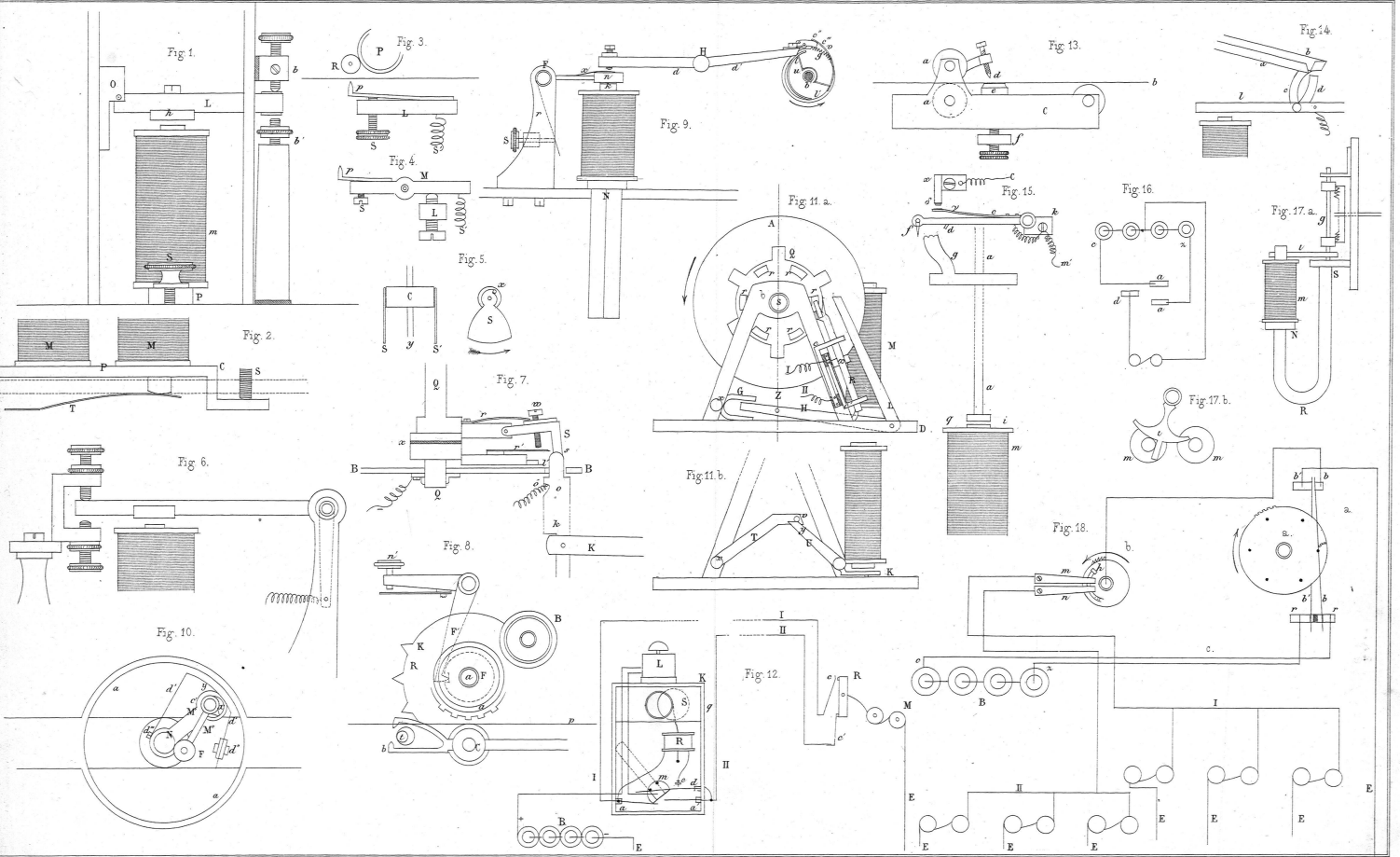
Aufriss.



Wassermesser.

Fig. 5. Grundriss.





RIGI-BAHN.

Fig 1 Querschnitt der Bahn 1/25

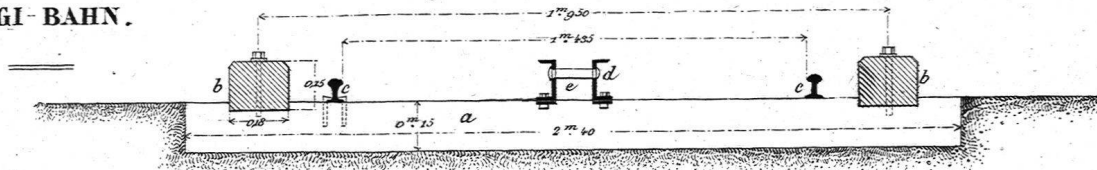
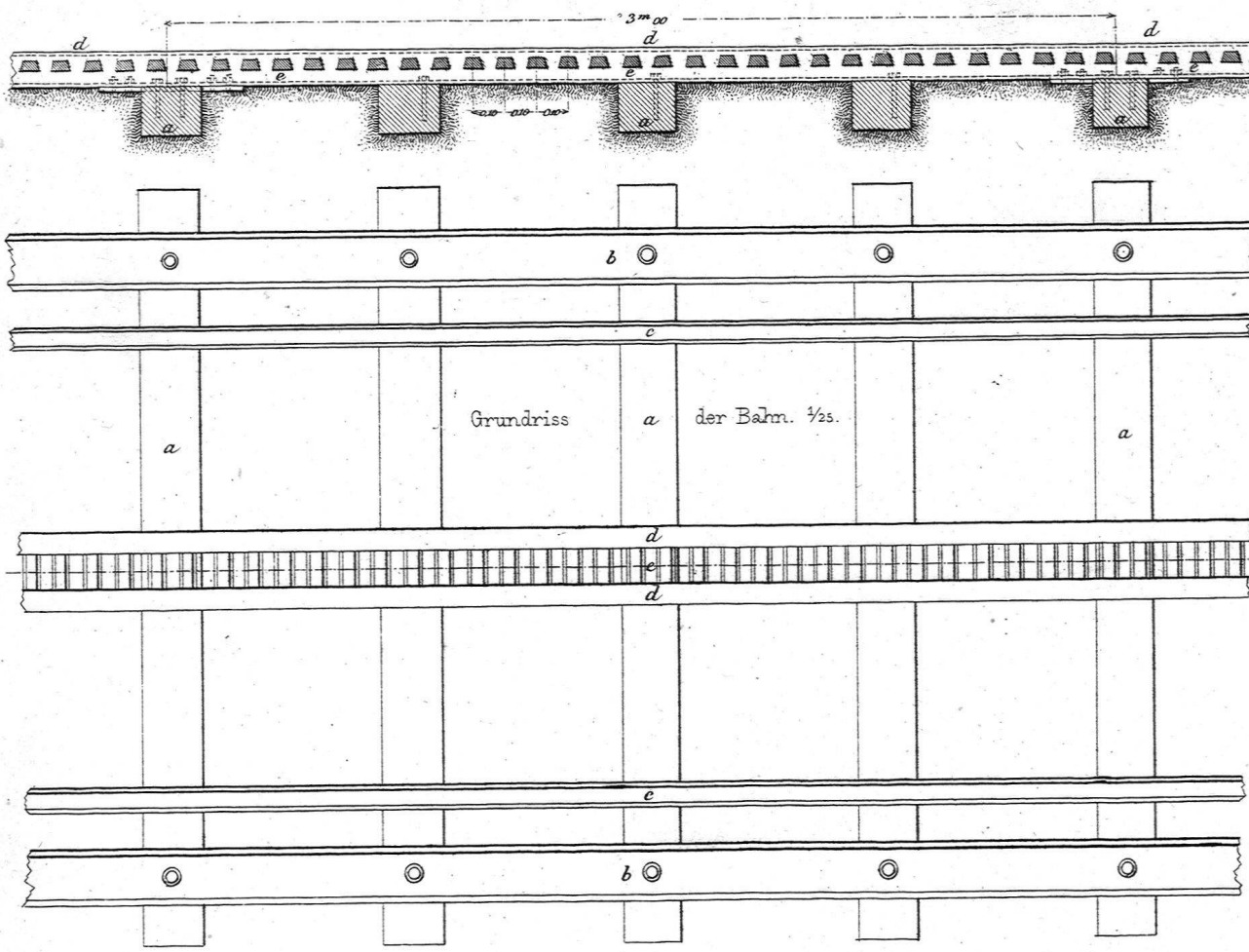


Fig. 2. Längensicht der Bahn. 1/25.



Grundriss a der Bahn. 1/25.

Drehbühne.

Fig 4. Längensicht 1/100

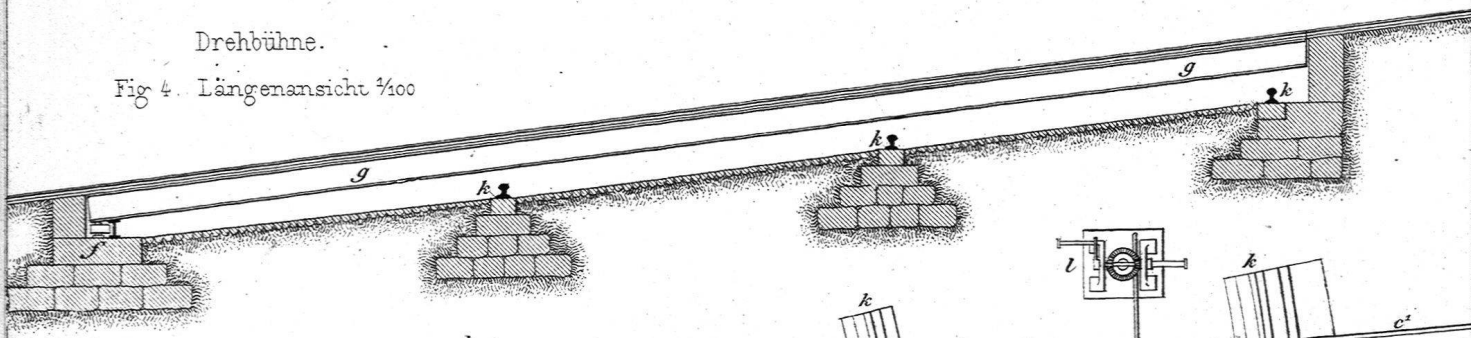


Fig 5. Grundriss. 1/100.

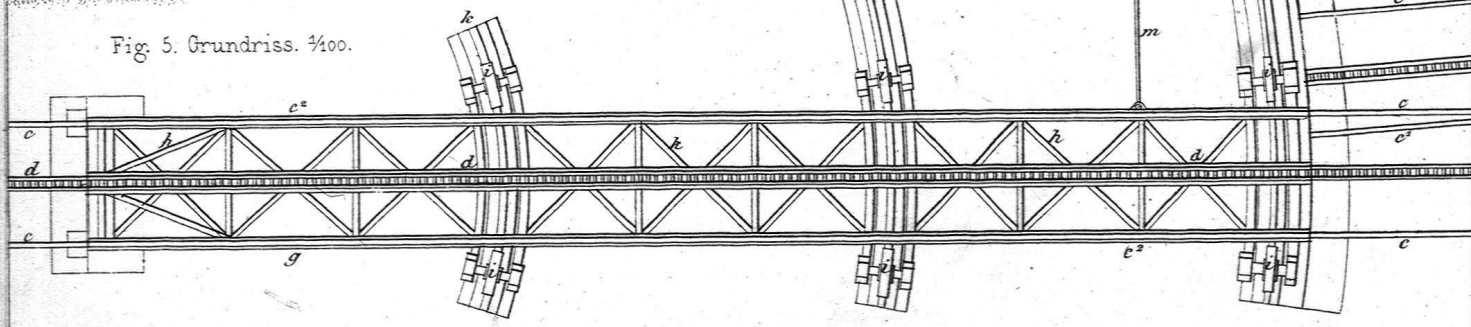


Fig. 8. Querschnitt der Brücke. 1/40.

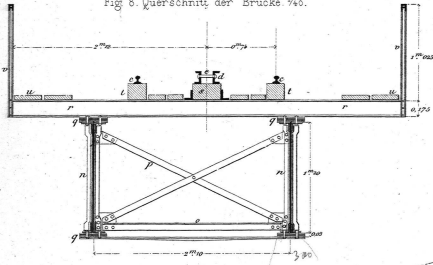


Fig. 9. Längenschnitt des Brückengeländers. 1/40.

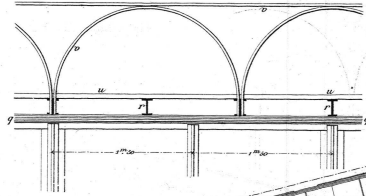
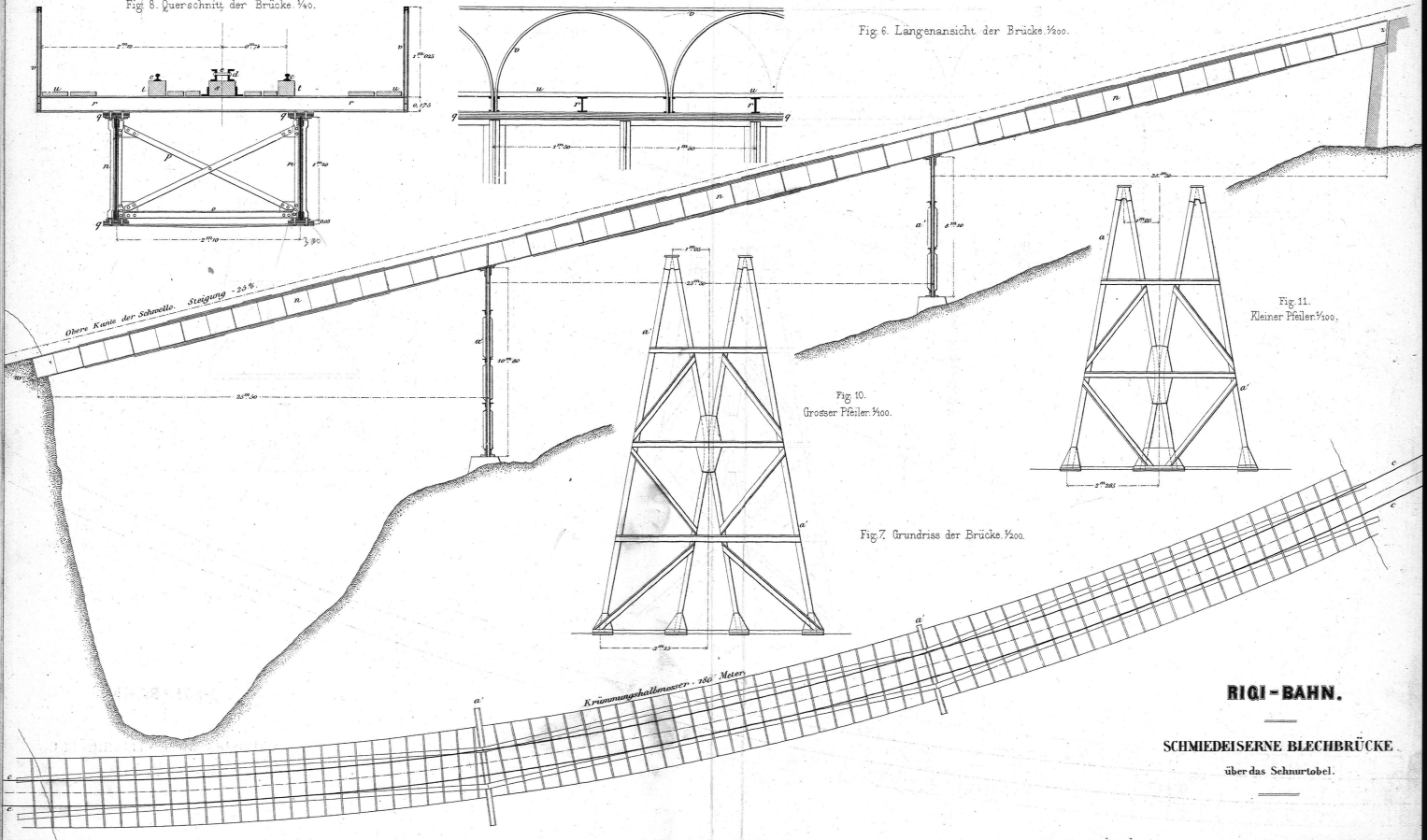


Fig. 6. Längenschnitt der Brücke. 1/200.



Oberer Kante der Schwelle. Steigung - 23°.

Krümmungshalbmesser = 280 Meter

Fig. 10. Grosser Pfeiler. 1/400.

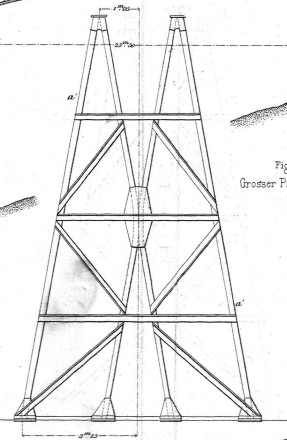


Fig. 11. Kleiner Pfeiler. 1/400.

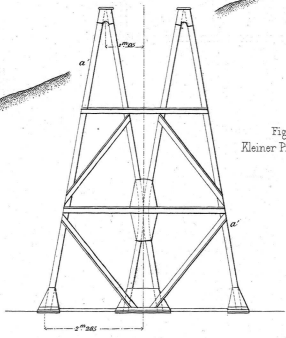
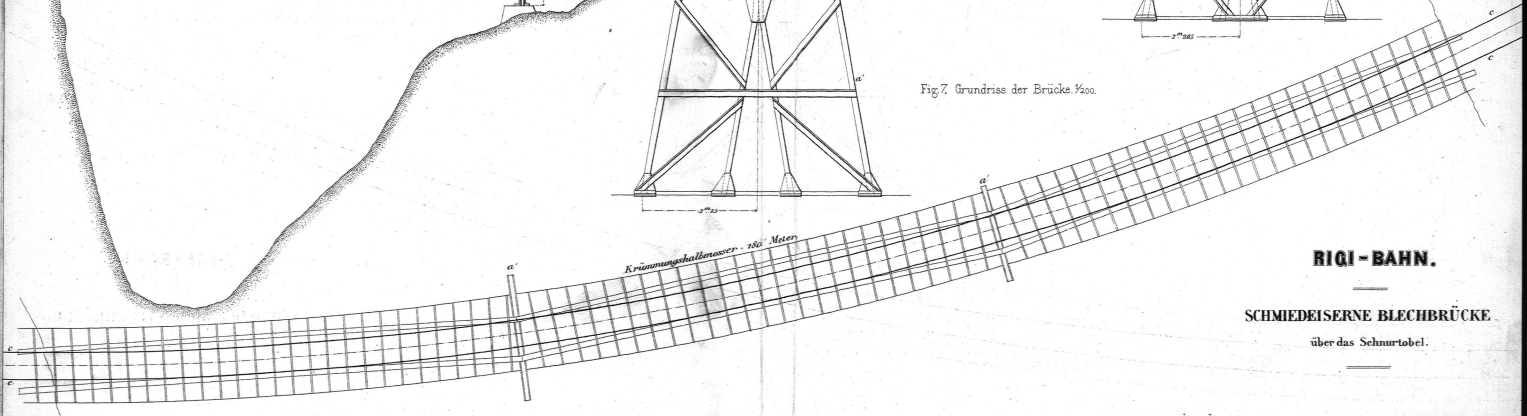


Fig. 7. Grundriss der Brücke. 1/200.



RIGI-BAHN.

SCHMIEDEISERNE BLECHBRÜCKE
über das Schurtobel.

