TA 590
.G4

1925

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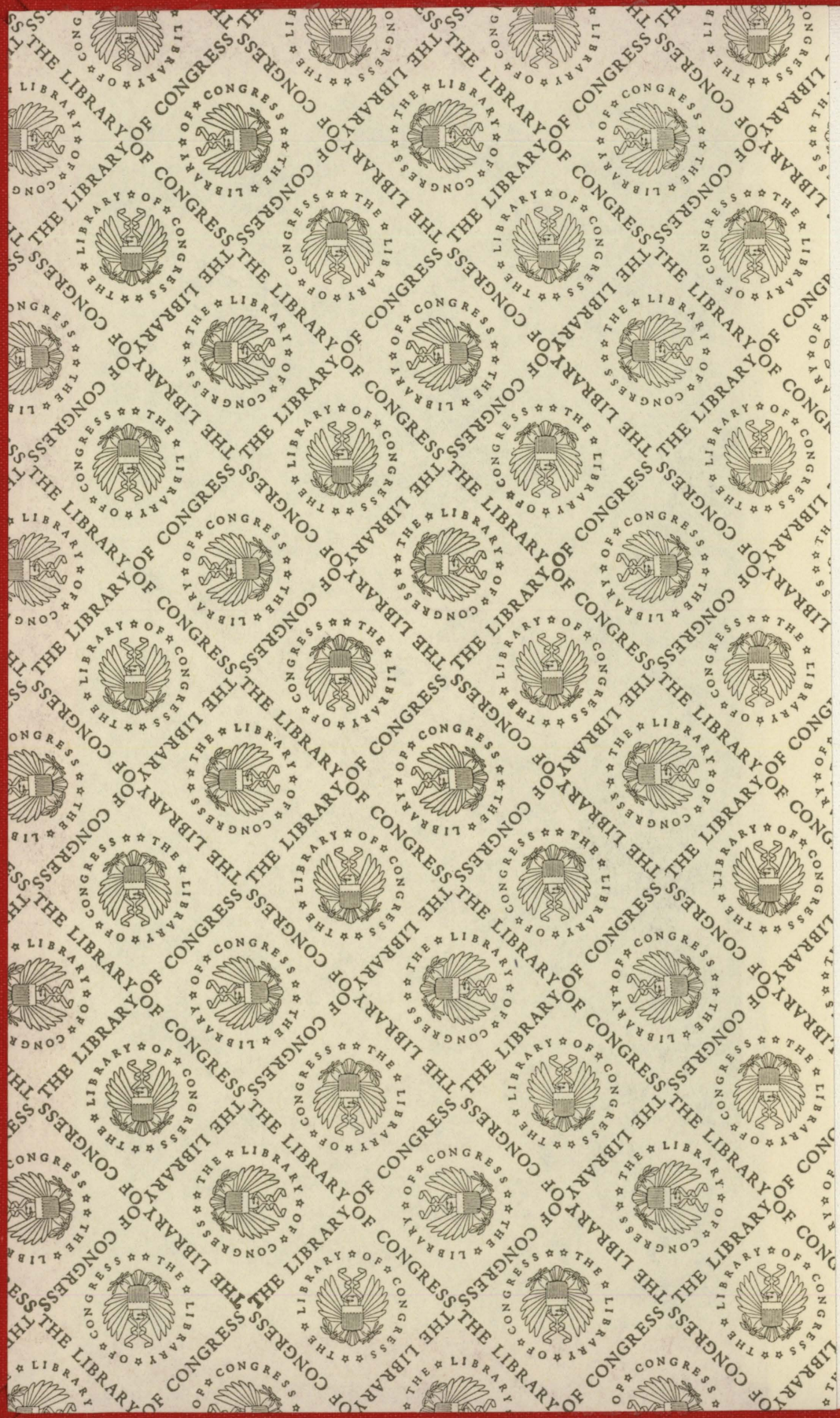
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" Topographische abteilung

Abgegeben
Reichsamt für Landesaufnahme
Topographische Abteilung

Nr. 134.

Vorschrift

für die

Topographische Abteilung

des

Reichsamts für Landesaufnahme.

HEFT II.

ABBILDUNGEN.

Berlin, 1923.

TA590
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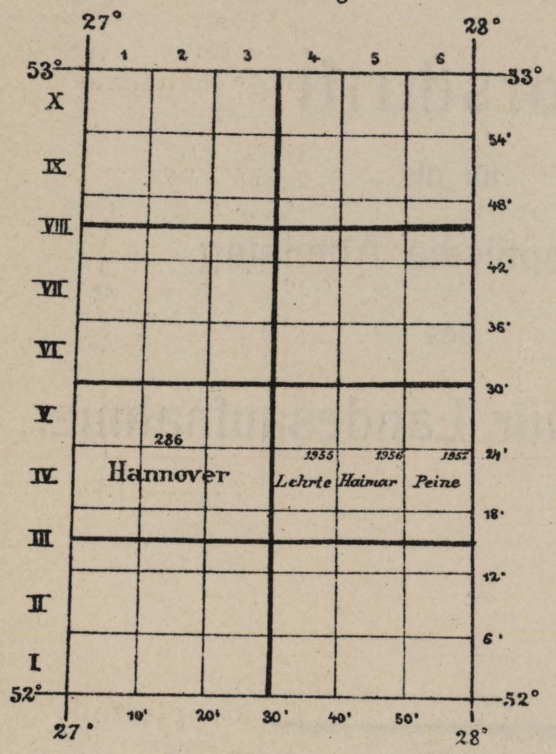
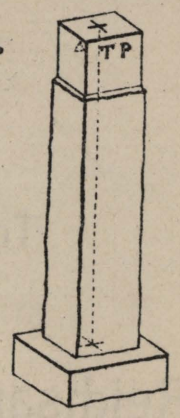
I.

1. Gradabteilung.



Festlegungspfeiler mit Platte. 1:20.

2.



Nivellementspfeiler. 1:20.

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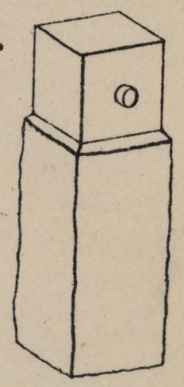
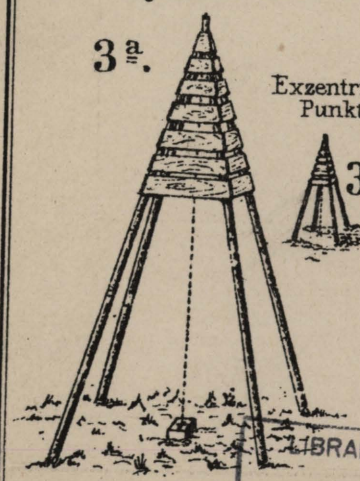


Pyramide. 1:100.

3a.



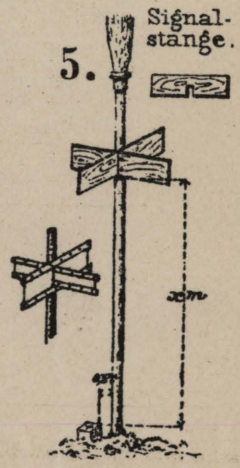
Exzentrischer Punkt.

3b.

Tafelsignal.

4.

5. Signalstange.



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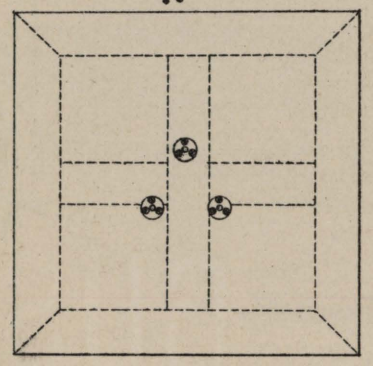
II.

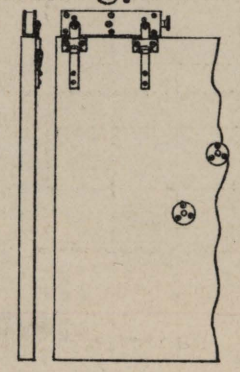
Meßtischplatte. (Rückseite)

7.



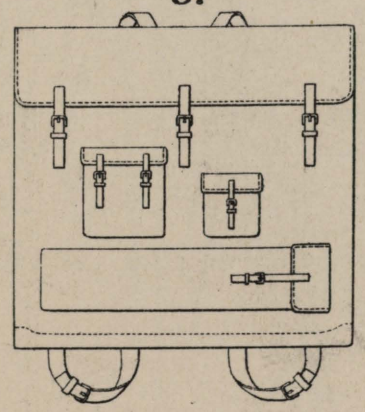
Platte für flüchtige Aufnahme

8.



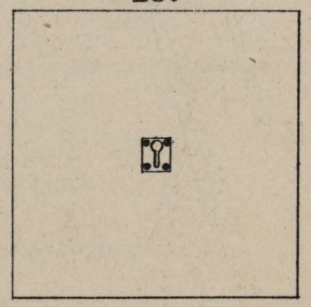
Plattentasche für flüchtige Aufnahme.

9.



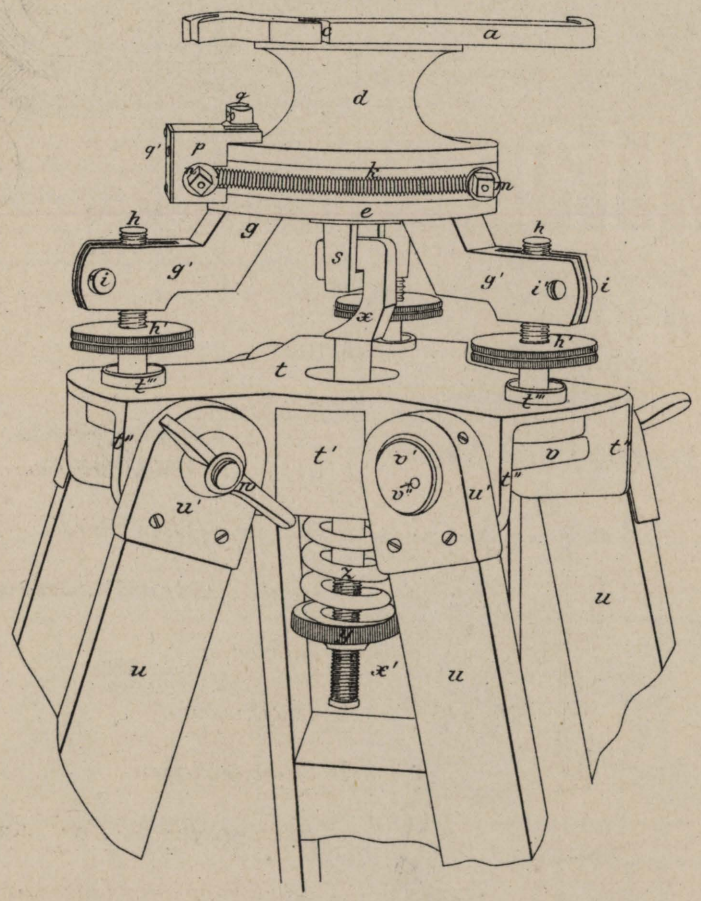
Krokierplatte. (Rückseite)

10.



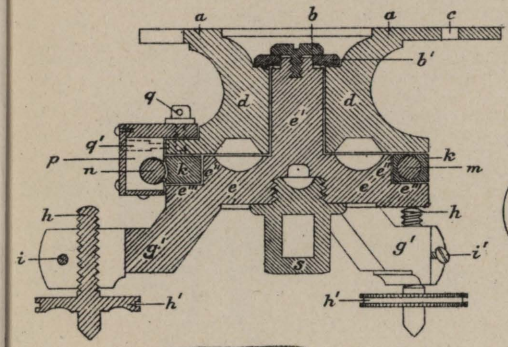
Dreibein M./10.

11.



Senkrechter Durchschnitt des Kopfes. Wagerechter

12.



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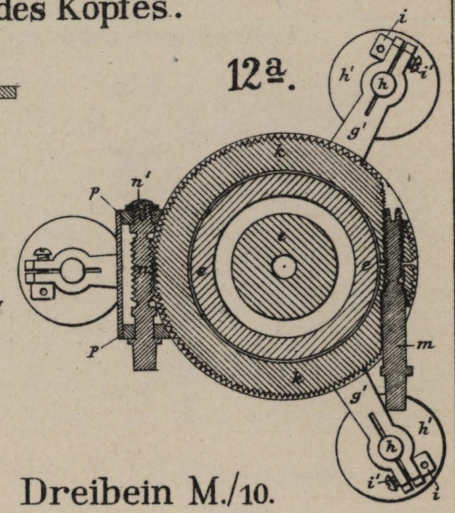

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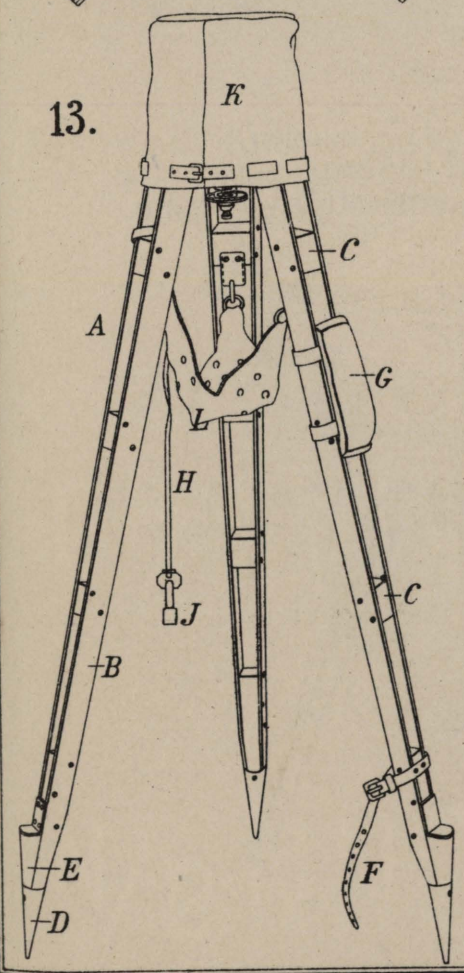


Dreibein M./10.
mit Zubehör.

A Bein

B Beinschiene

C Verbindungsklötze der Beinschienen

D Fußspitze (Eisenschuh)

E Holzansatz mit Tritteisen

F Fußriemen

G Tragekissen

H Schlüsselriemen

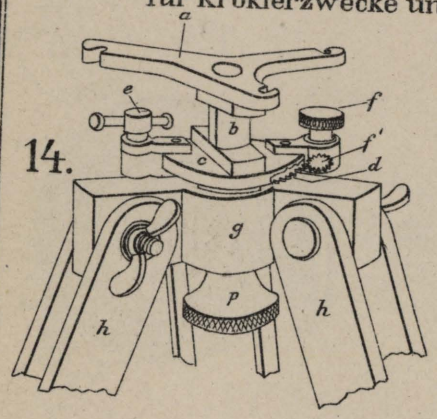
J Schlüssel für das Feinstellwerk

K Schutzkappe aus Leder oder Segeltuch

L Lederteller

Dreibein M/1
für Krokierzwecke und flüchtige Aufnahme.

14.



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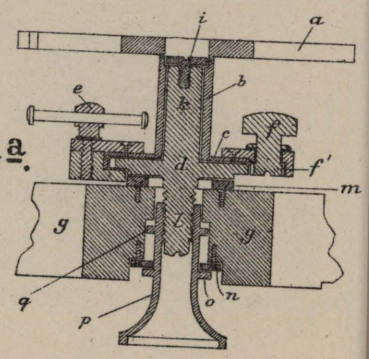
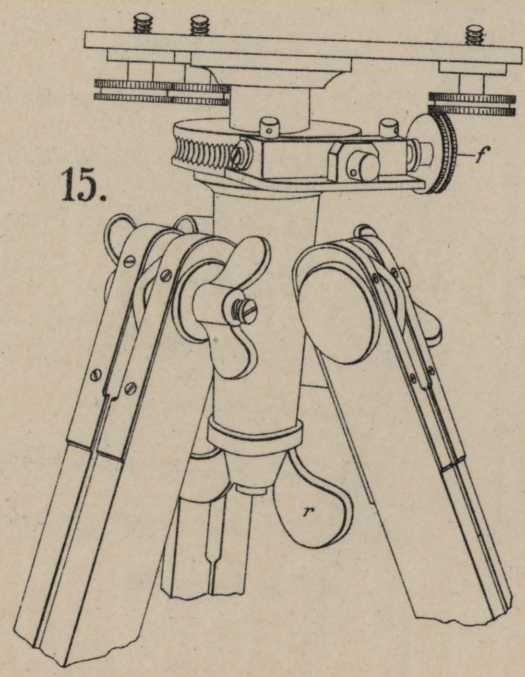


Dreibein M./Böhme
für Krokierzwecke und flüchtige Aufnahme.

15.



Dreibein für Krokierzwecke, ohne Stellwerk.
(zum Aufsetzen)

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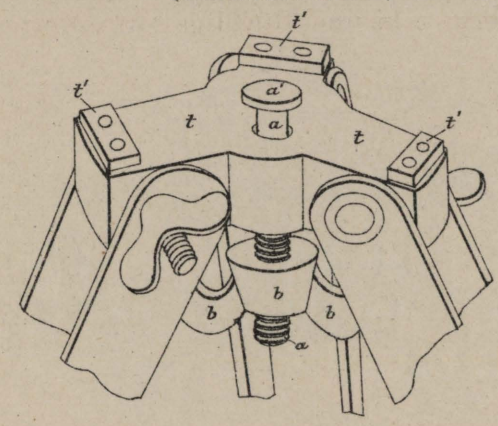
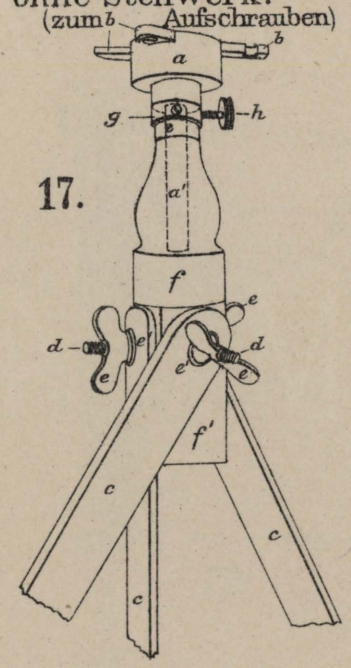


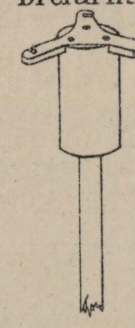
Dreibein für Krokierzwecke, ohne Stellwerk.
(zum Aufschrauben)

17.



Krokierstöcke mit Dreiarm Zapfen.

18.



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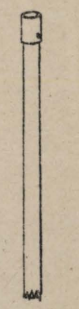
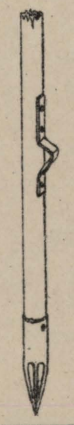
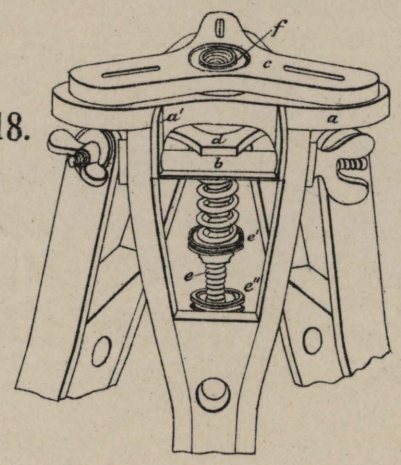




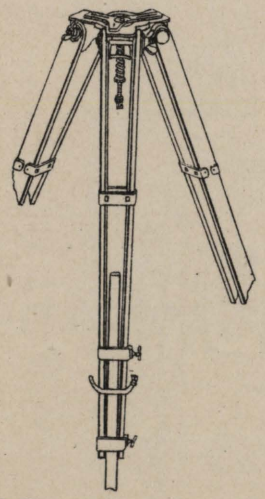
Dreibeine für Tachymeter-Theodolite.

M./Br. 18.



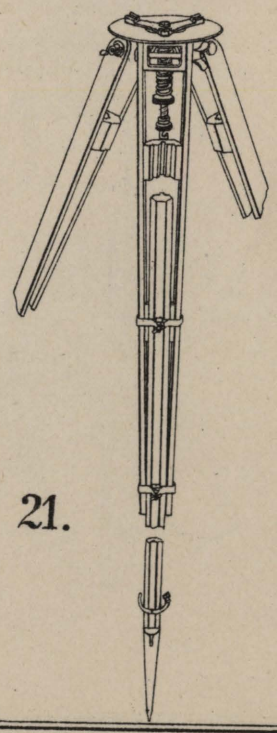
19.

M./H. 18.



20.

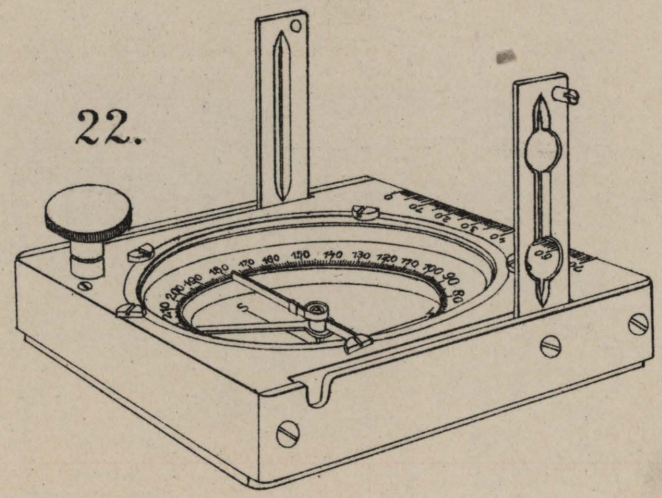
M./F. 18.



21.

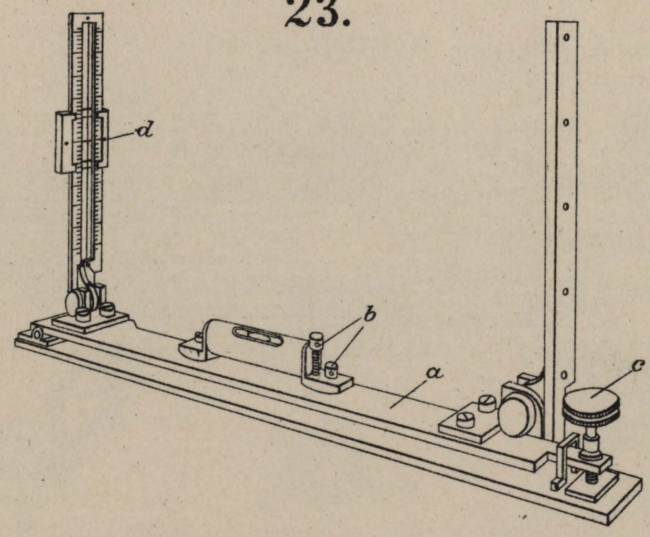
Diopterbussole.

22.

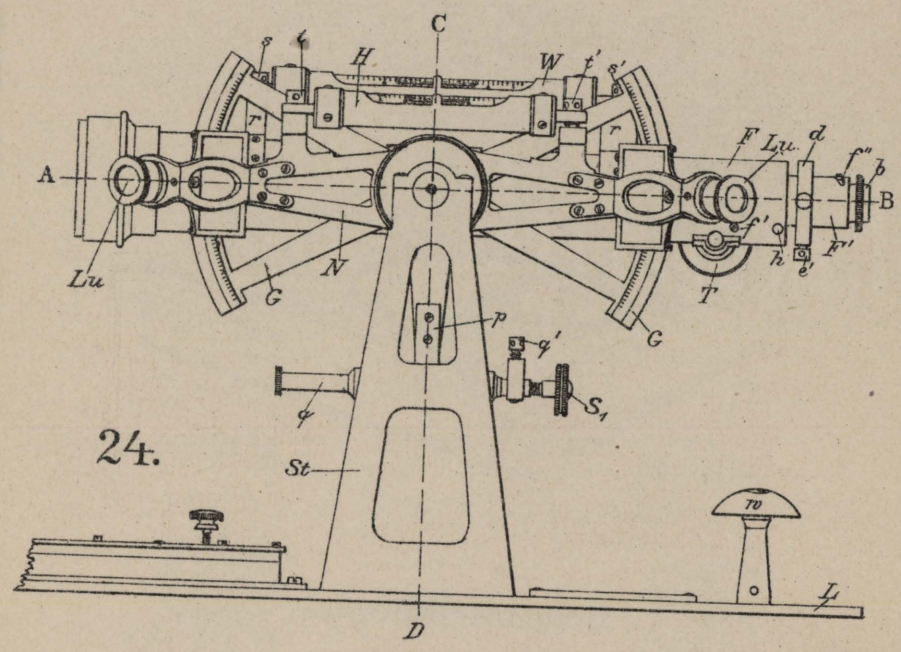


Höhenmeßdiopter.

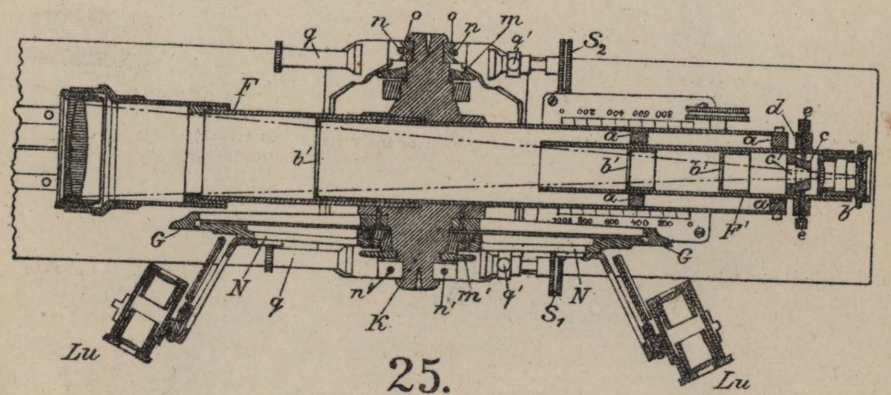
23.



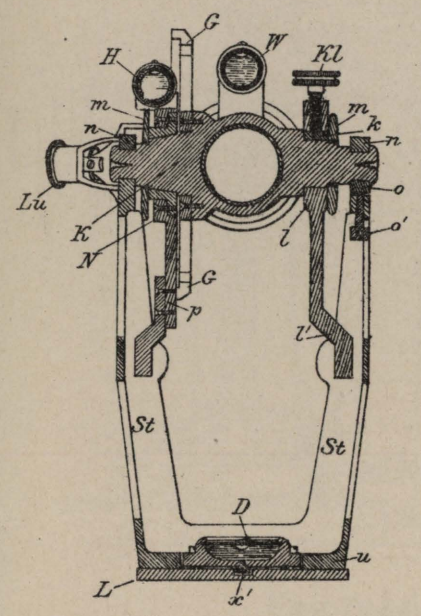
Kippregel M./F.08.

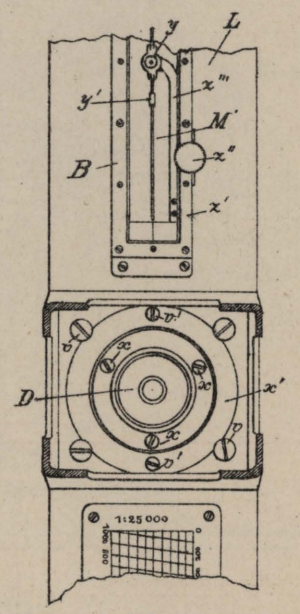


Schnitt A-B.

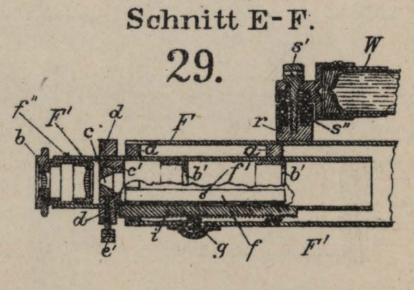


Schnitt C-D.

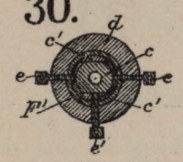




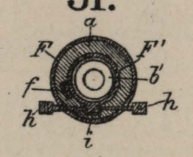
Schnitt E-F.



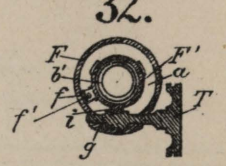
Schnitt G-H.



Schnitt J-K.

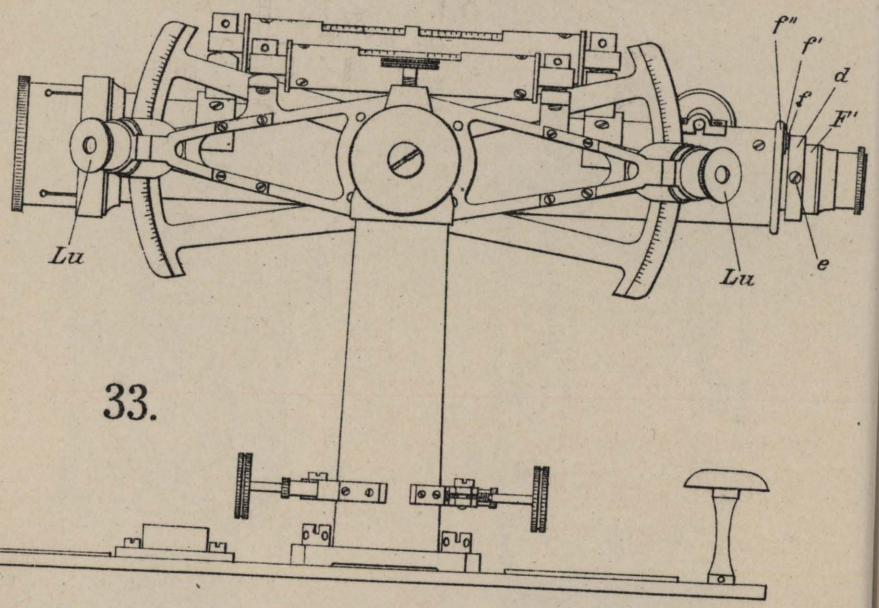


Schnitt L-M.



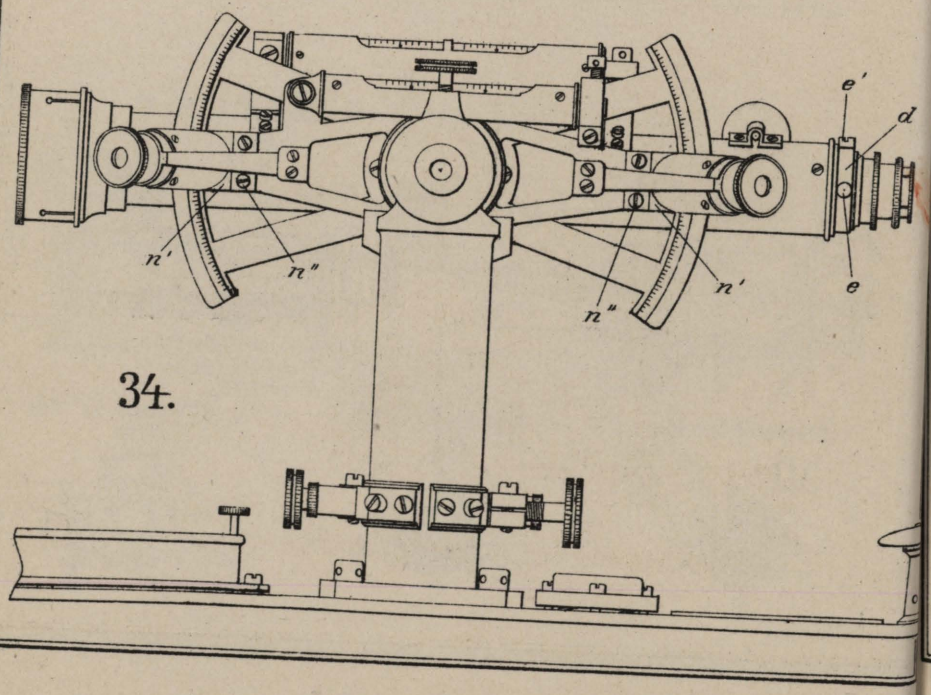
XI.

Kippregel M./B.13.



33.

Kippregel M./L.13.

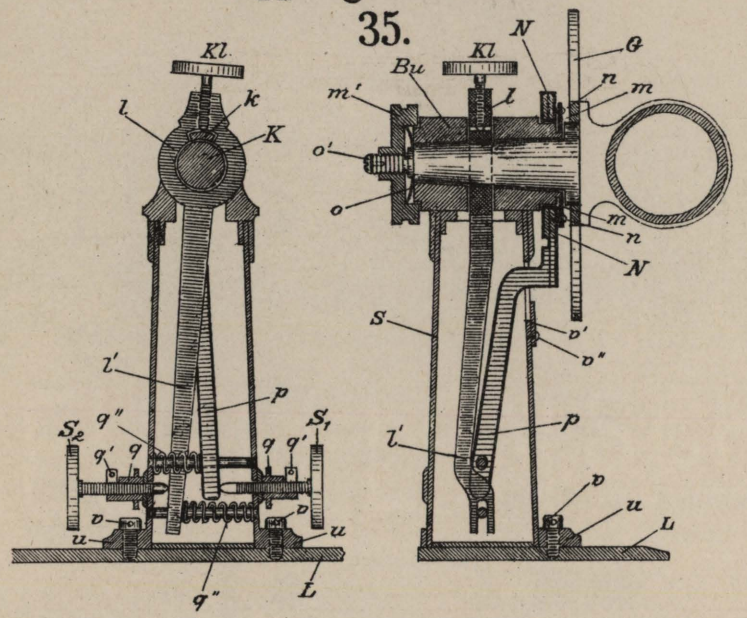


34.

XII.

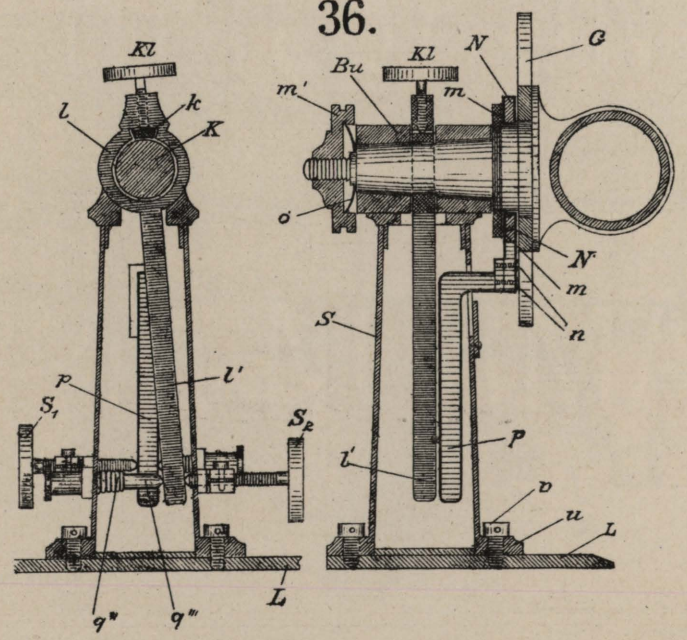
Kippregel M./B.13.

35.

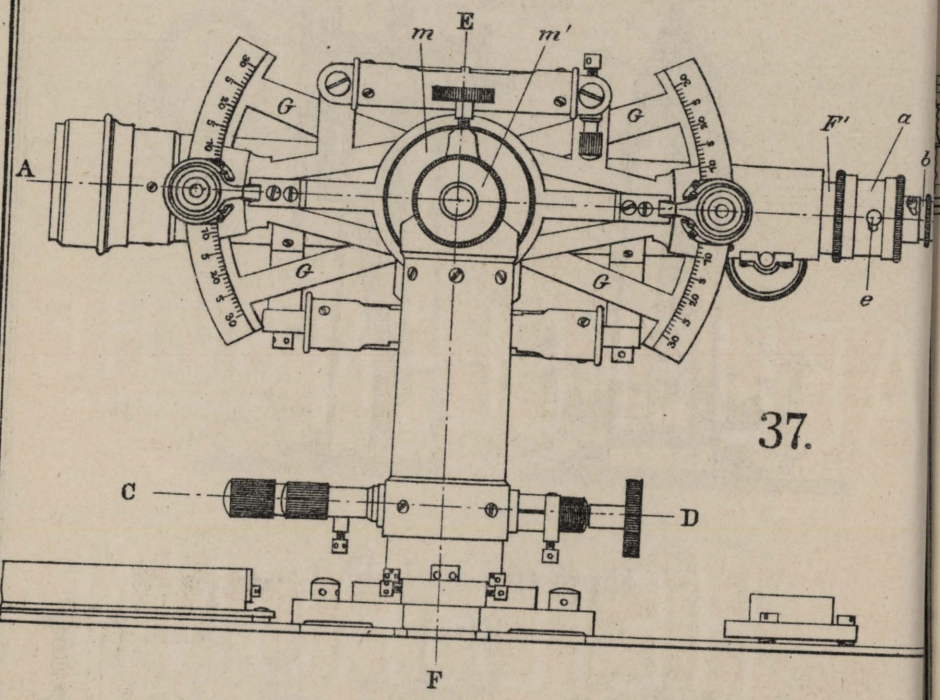


Kippregel M./L.13.

36.

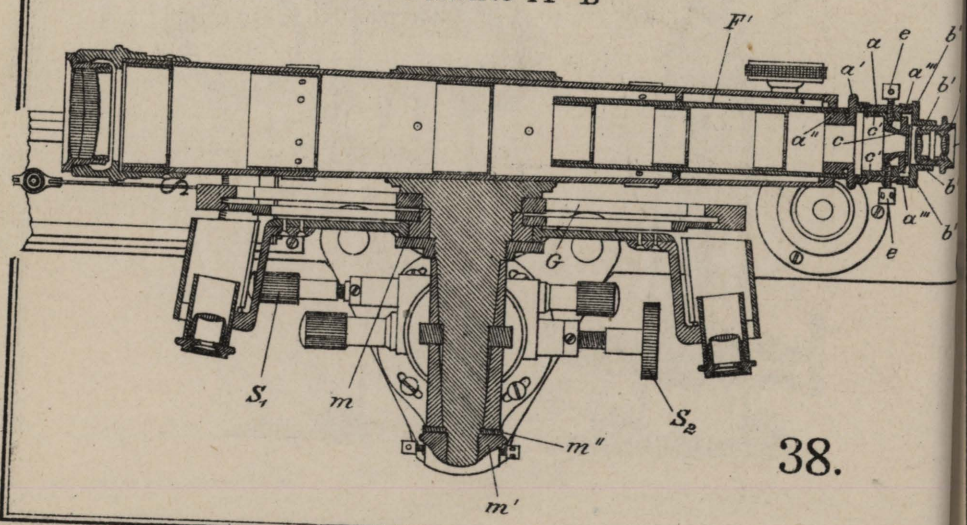


Kippregel M./Br.18.



37.

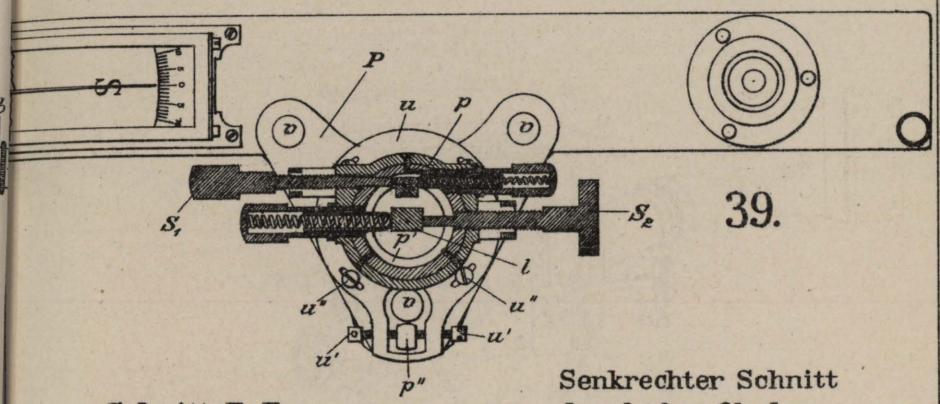
Schnitt A-B



38.

Kippregel M./Br.18.

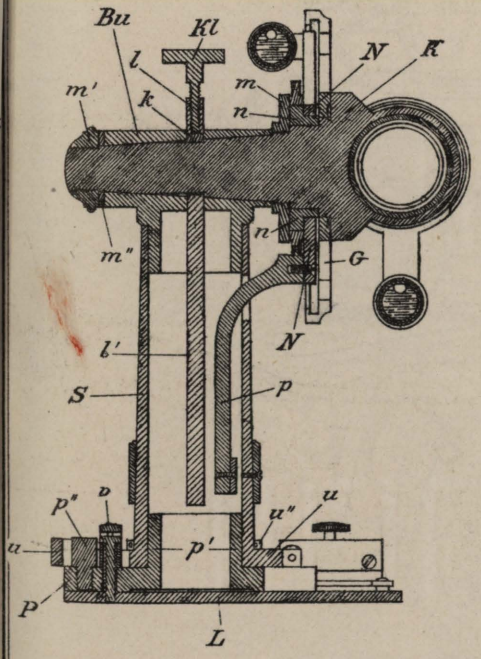
Schnitt C-D.



39.

Schnitt E-F.

Senkrechter Schnitt durch das Okular.



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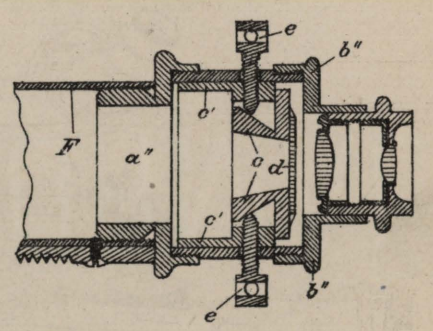
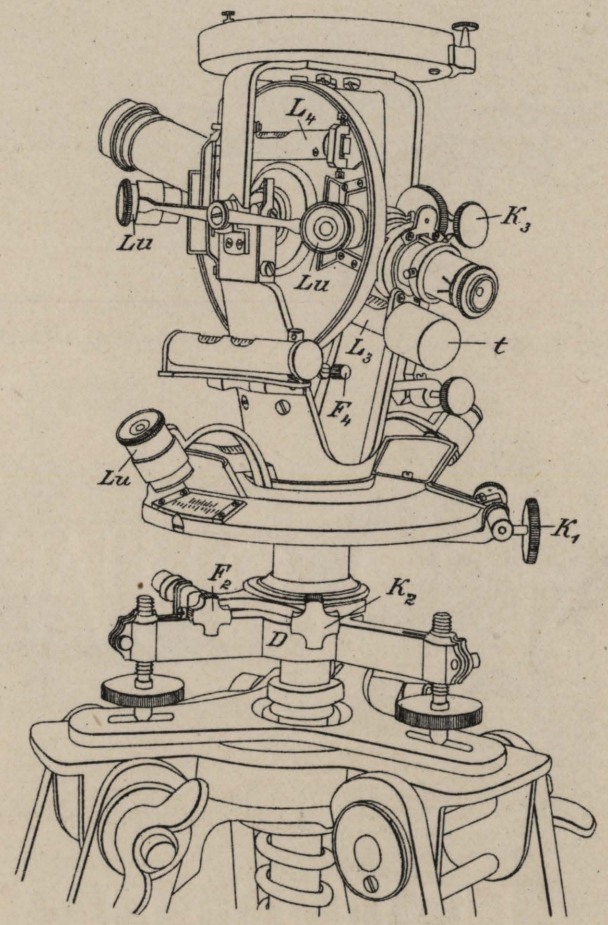


41.

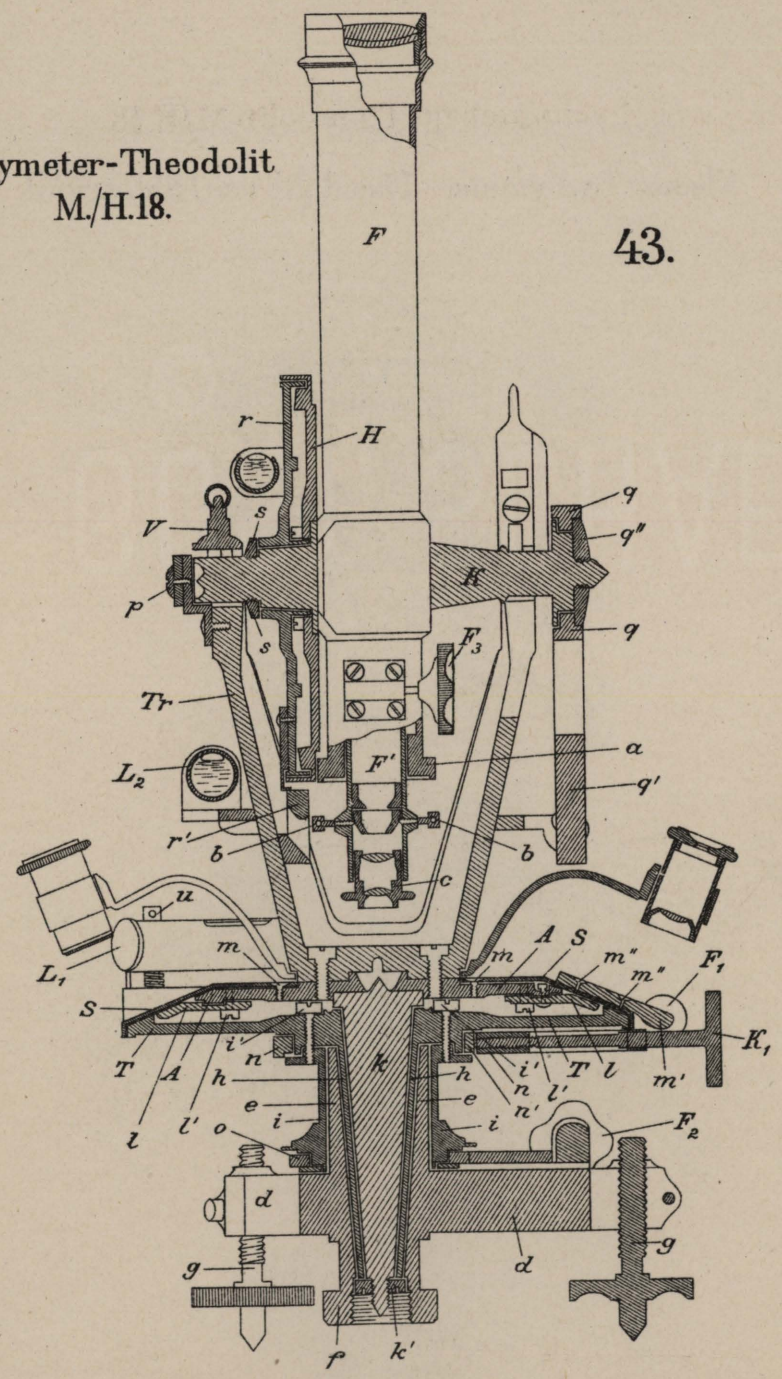
Tachymeter-Theodolit M/H.18.



42.

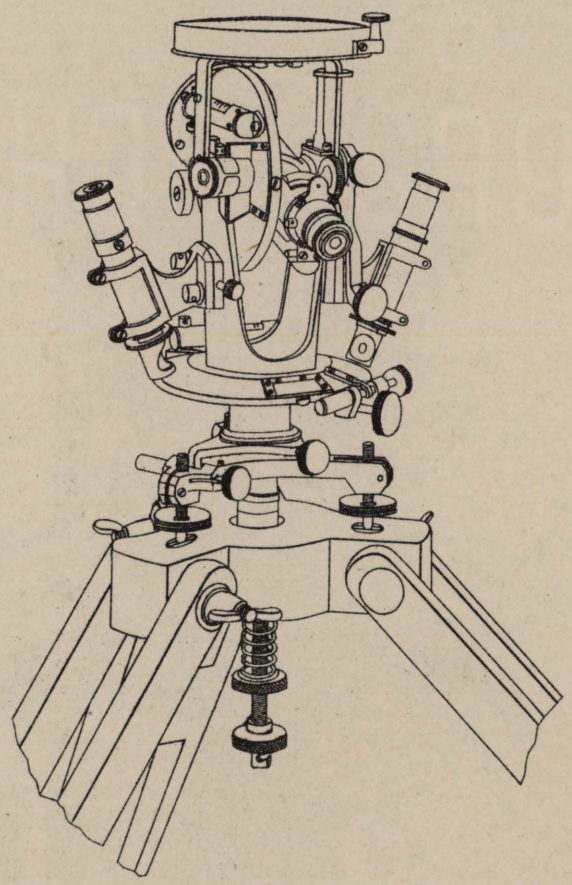
Tachymeter-Theodolit M./H.18.

43.



XVII.

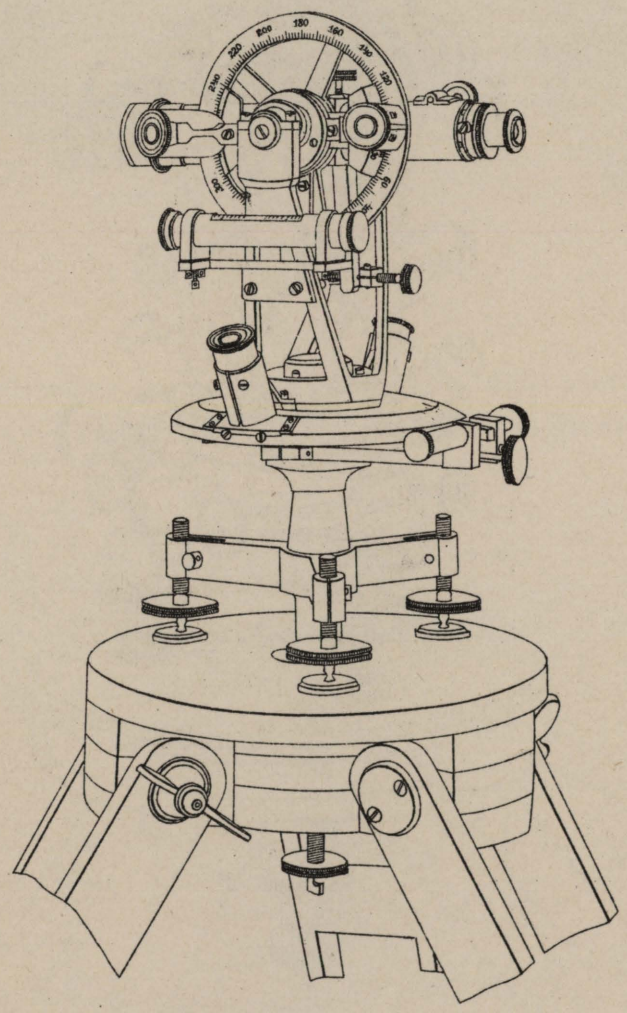
Kleiner Tachymeter-Theodolit von Hildebrand.



44.

XVIII.

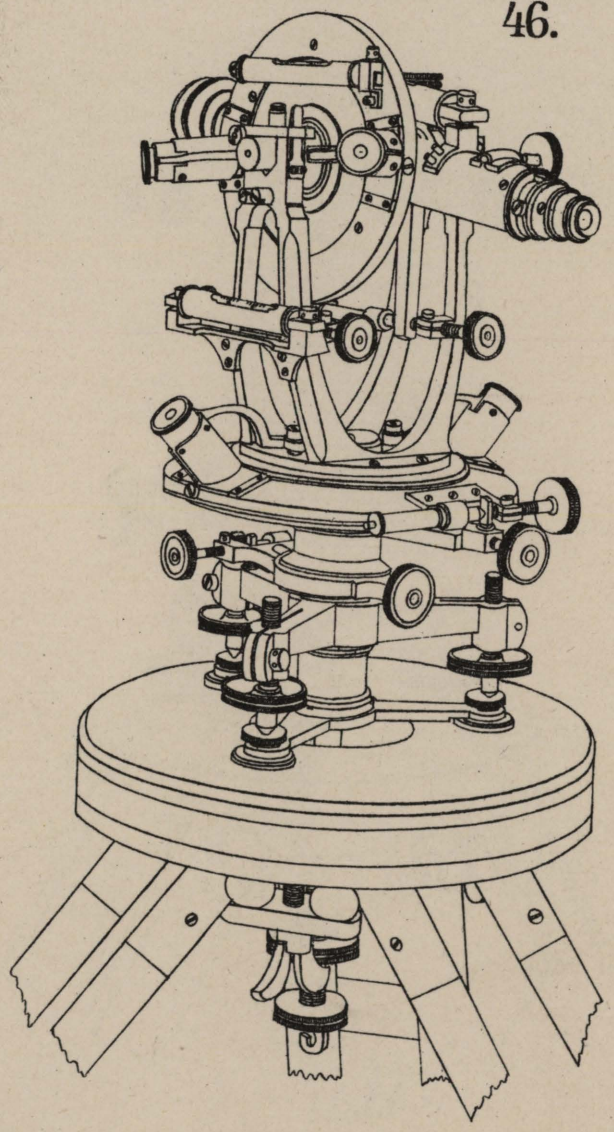
Tachymeter-Theodolit von Bamberg.



45.

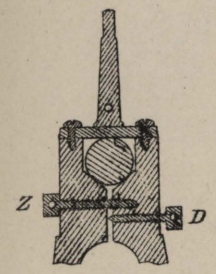
Tachymeter-Theodolit von Lummert.

46.



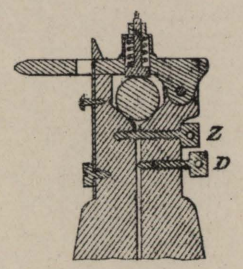
Kippachsenlager.

M./F.18 u. M./Br.18.



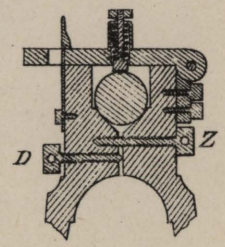
47.

M./H.18.



48.

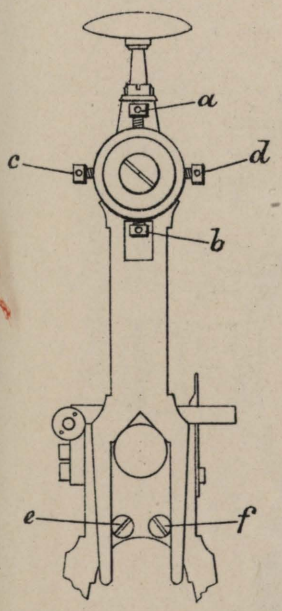
M./Lummert.



49.

Reiterlibelle.

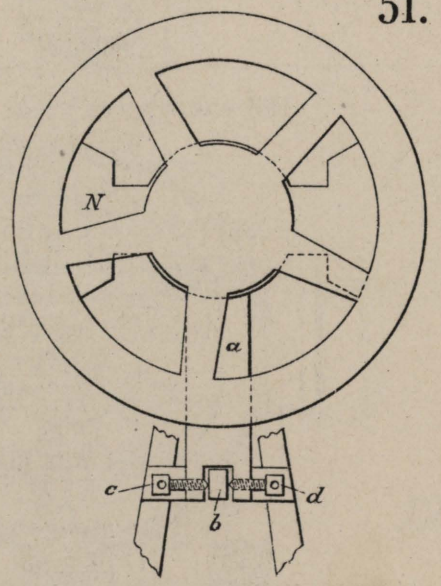
50.



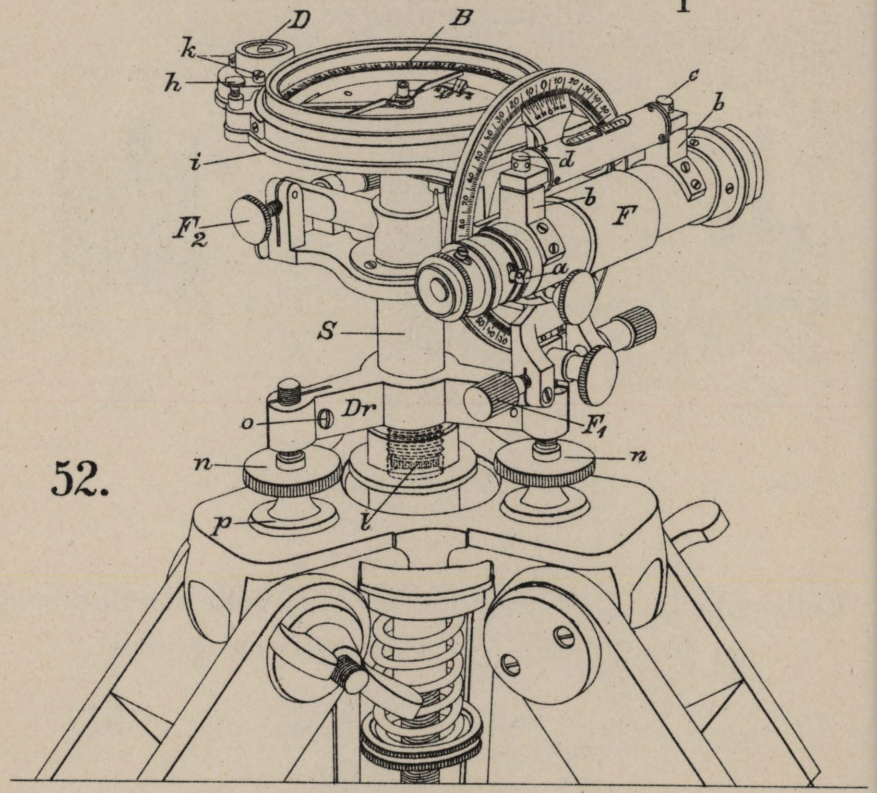
Tachymeter-Theodolit von Bamberg.

Höhenkreis von innen gesehen.

51.

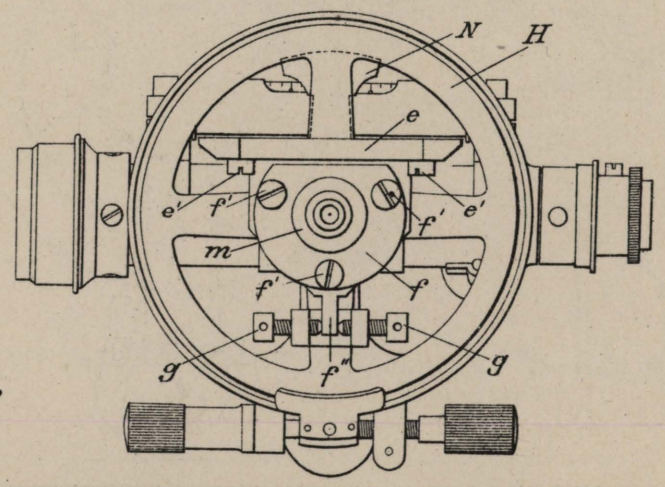


Fernrohrbussole von Breithaupt.



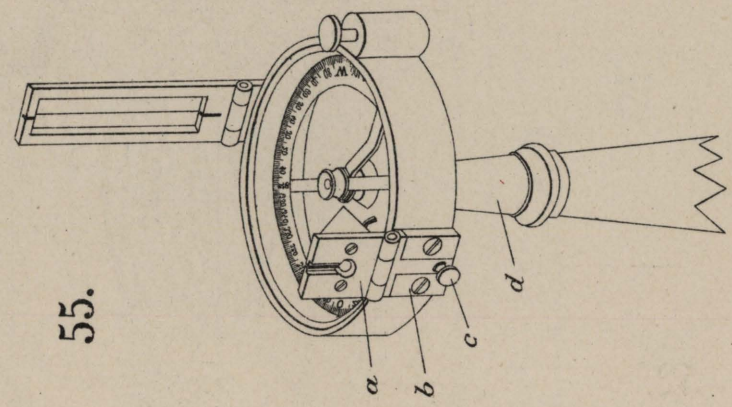
52.

Höhenkreis von innen gesehen.



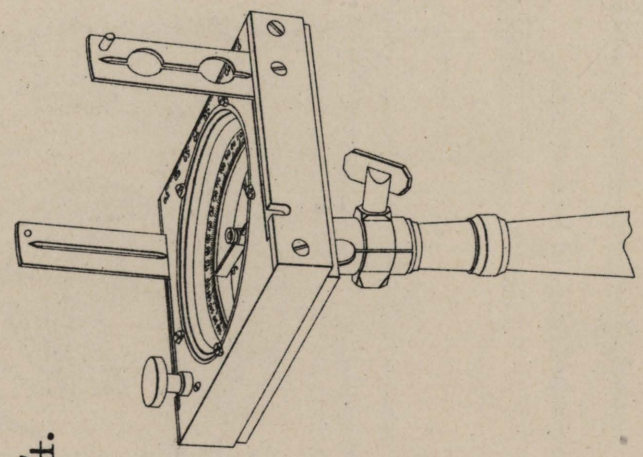
53.

Diopterbussole von Schmalcalder.



55.

Diopterbussole mit Stock.

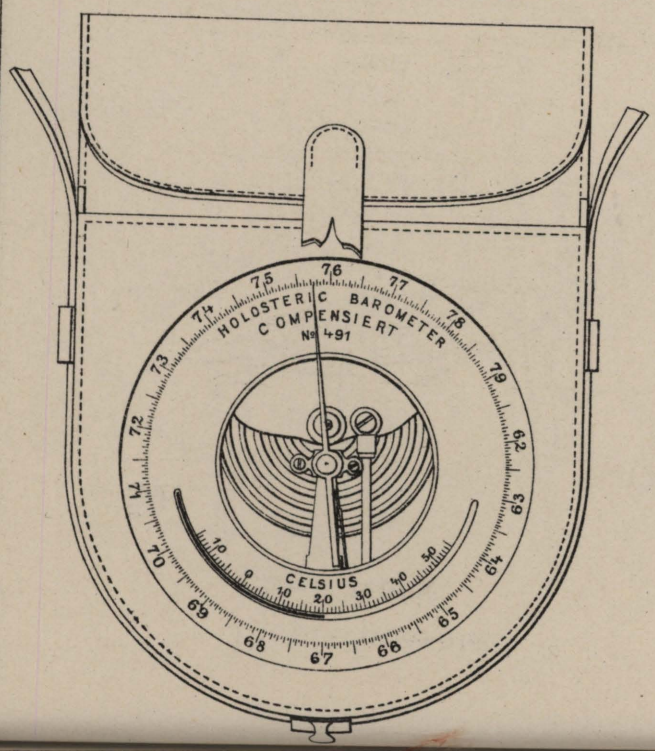


54.

Barometer.

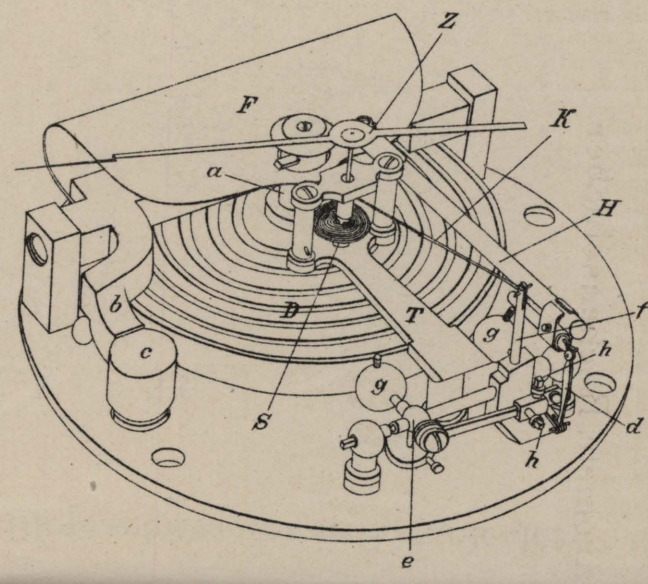
56.

Gebrauchsfertig, in Ledertasche.



57.

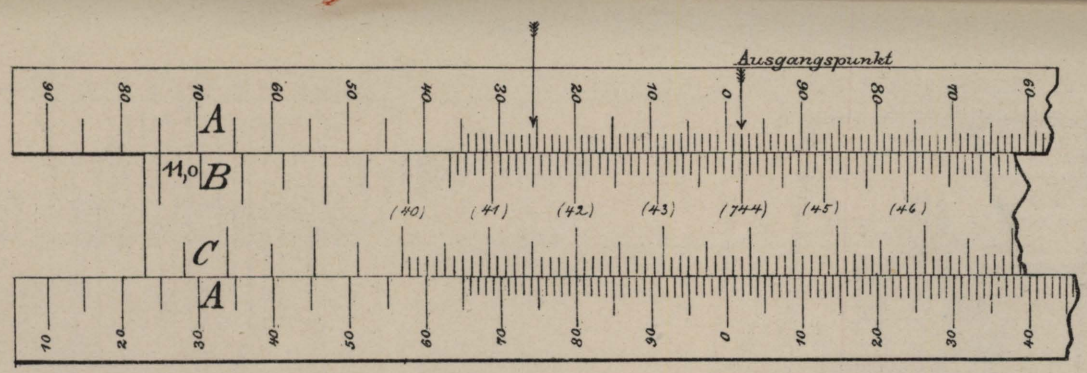
Werk.



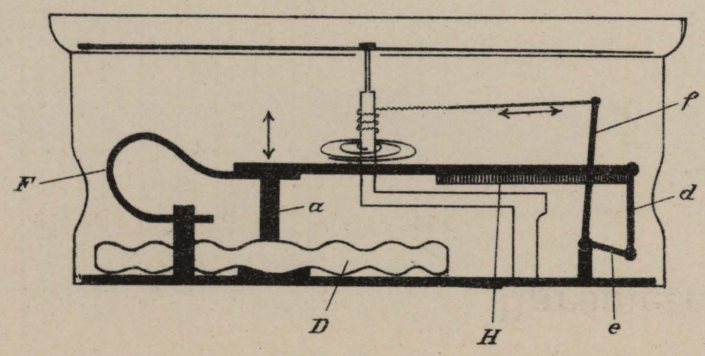
XXIII.

Barometr. Rechenschieber.

58.



XXIV.



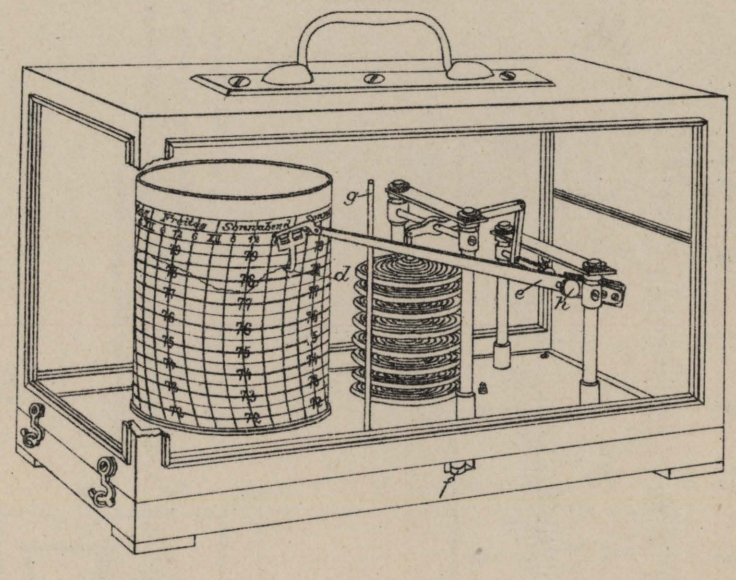
Uebersichtliche Darstellung des Uebertragungswerkes am Federbarometer, um zu zeigen, wie die Auf- und Abwärtsbewegung in eine wagerechte Bewegung übersetzt wird.

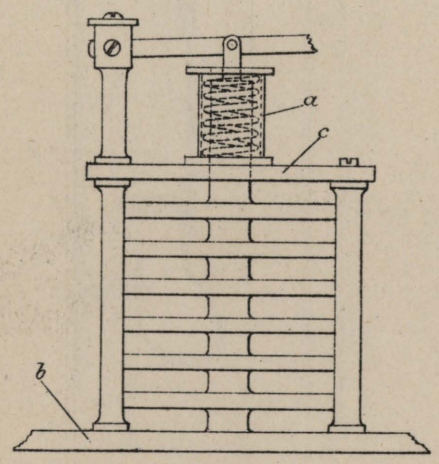
59.

XXV.

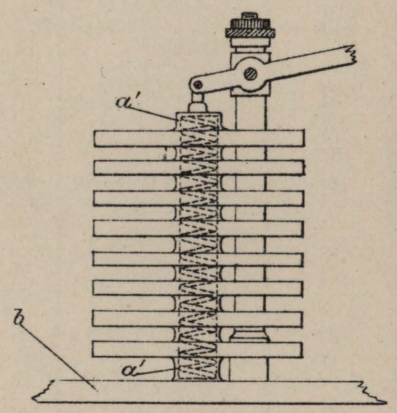
Barograph.

60.





61.

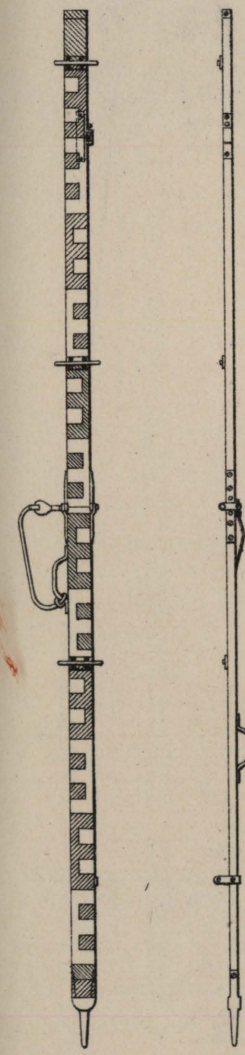


62.

XXVI.

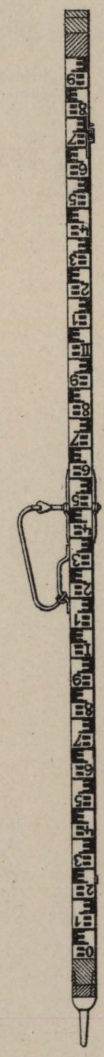
Meß-Latte.

63.



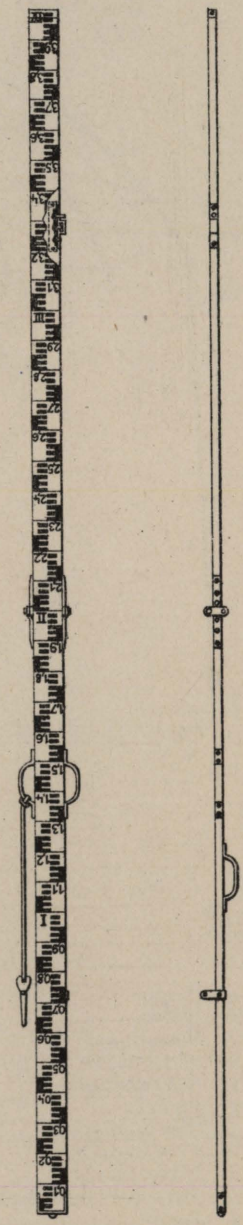
Tachymeter-Latte.

64.



Nivellierlatte.

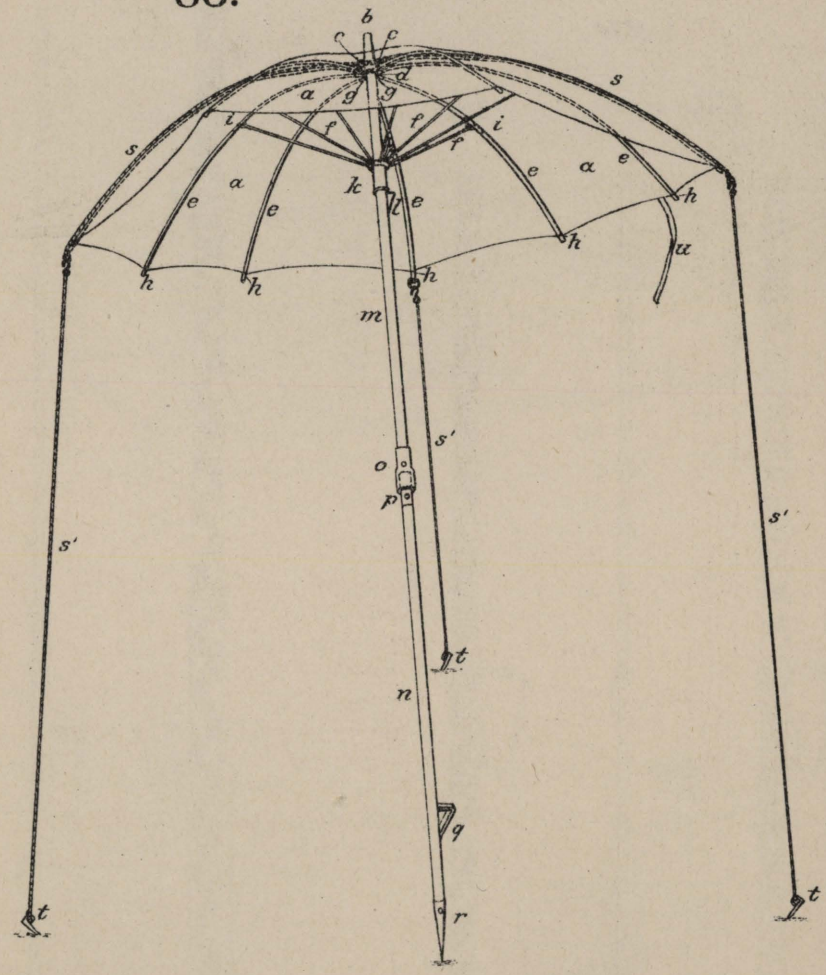
65.



XXVII.

Feldschirm.

66.

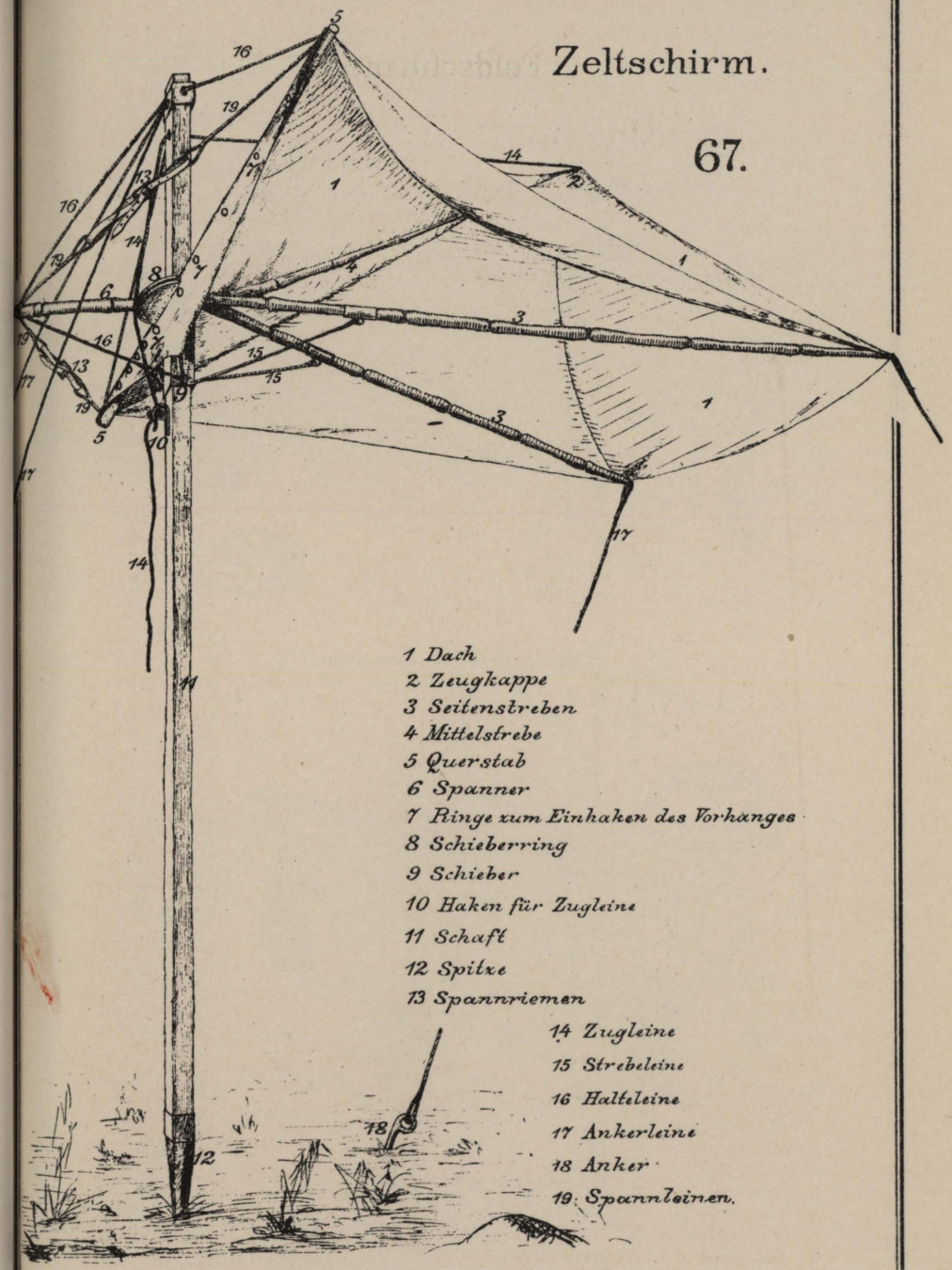


a Bezug
b Helm
c Klammern
d Windriegel
e Rohrstangen
f Gabeln
g Oberkappen
h Endkappen
i Mittelbleche
k Schieber mit Schiebedraht
l Feder
m Oberstock
n Unterstock
o Oberes Verbindungsstück
p Unteres Verbindungsstück
q Tritteisen
r Fußspitze
s Oberstrippe
s' Unterstrippe
t Anker
u Mittelband.

XXVIII.

Zeltschirm.

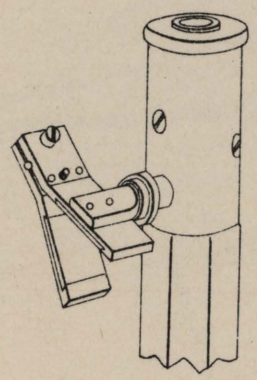
67.



1 Dach
2 Zeugkappe
3 Seitenstreben
4 Mittelstrebe
5 Querstab
6 Spanner
7 Ringe zum Einhaken des Vorhanges
8 Schieberring
9 Schieber
10 Haken für Zugleine
11 Schaft
12 Spitze
13 Spannriemen
14 Zugleine
15 Strebeleine
16 Halteleine
17 Ankerleine
18 Anker
19 Spannleinen.

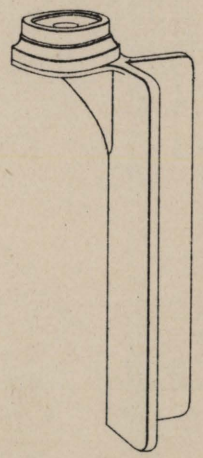
Nivellierstab.

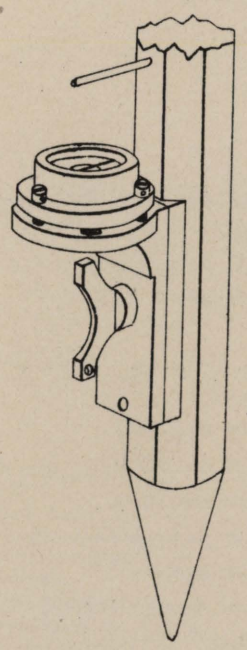
68.



Lattenrichter.

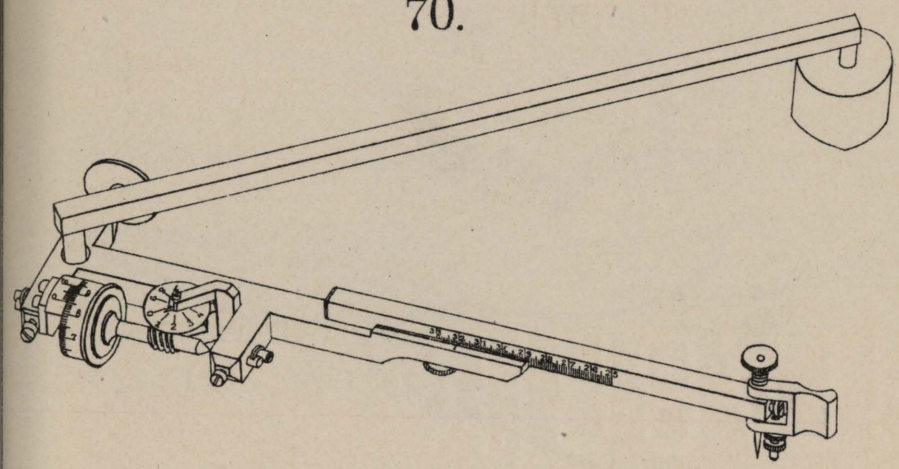
69.





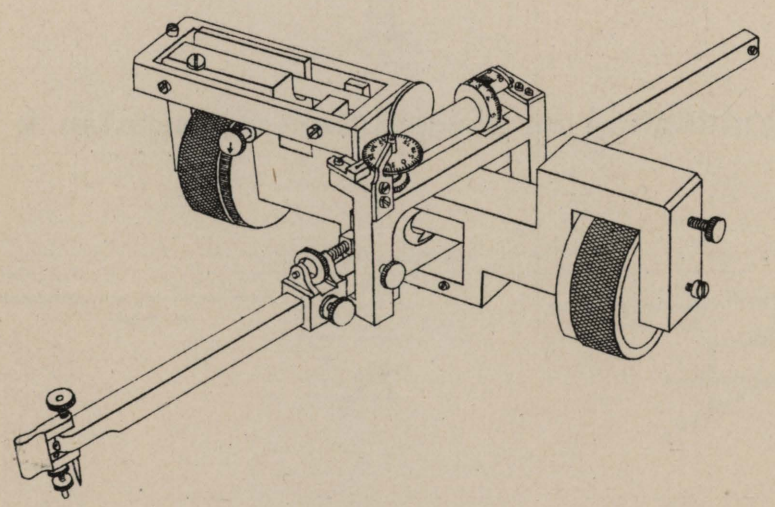
Polarplanimeter.

70.



Kugelrollplanimeter.

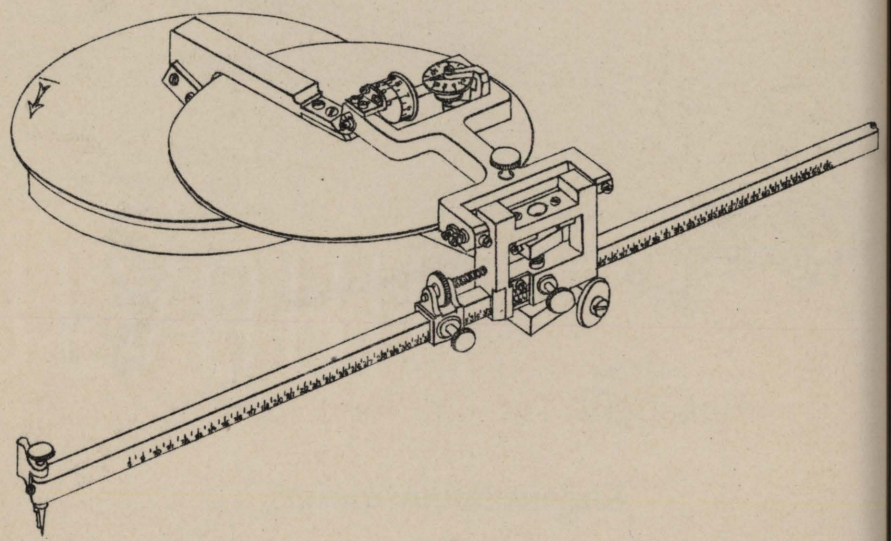
71.



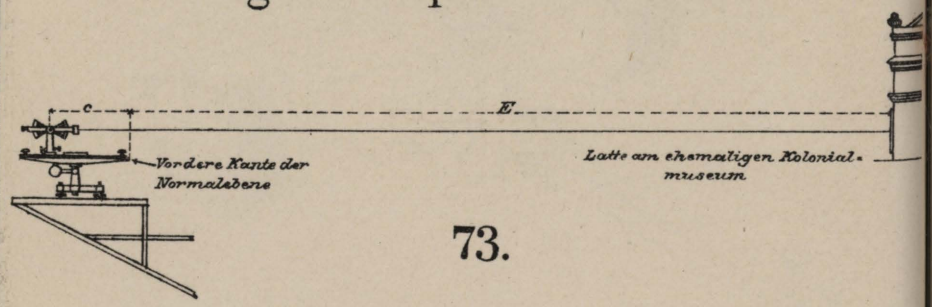
XXXI.

Scheibenplanimeter.

72.



Ermittelung der Multiplikationskonstanten k.

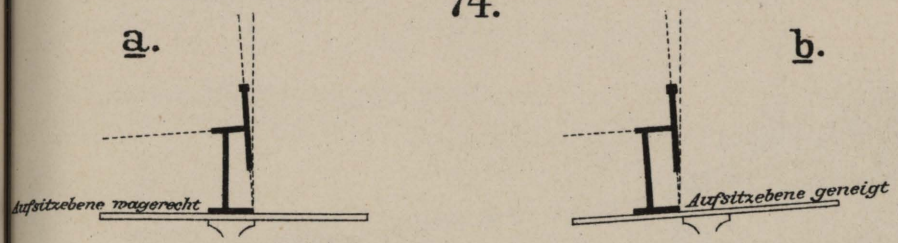


73.

XXXII.

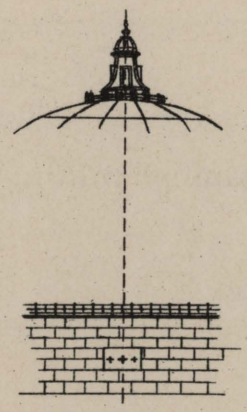
Kippfehler.

74.

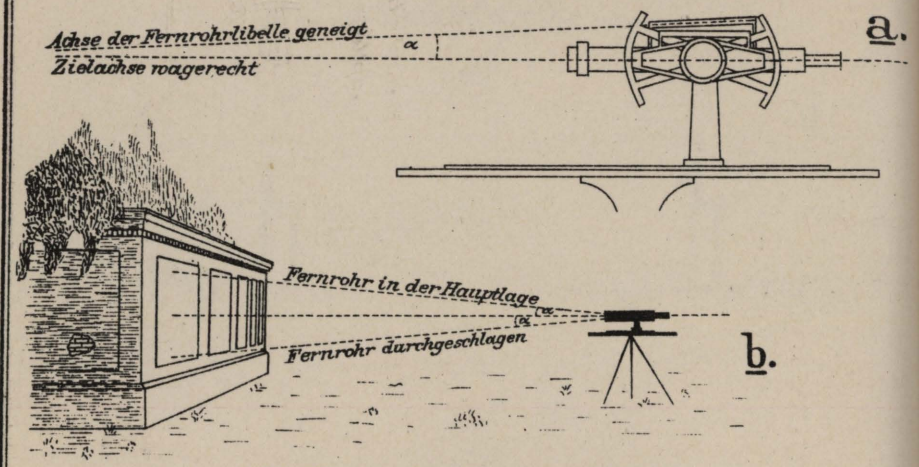


Lotebene für die Normalebene I.

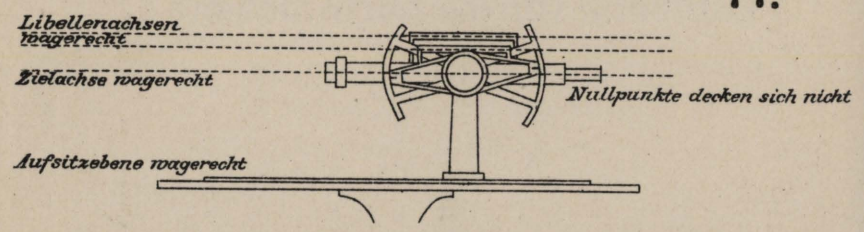
75.



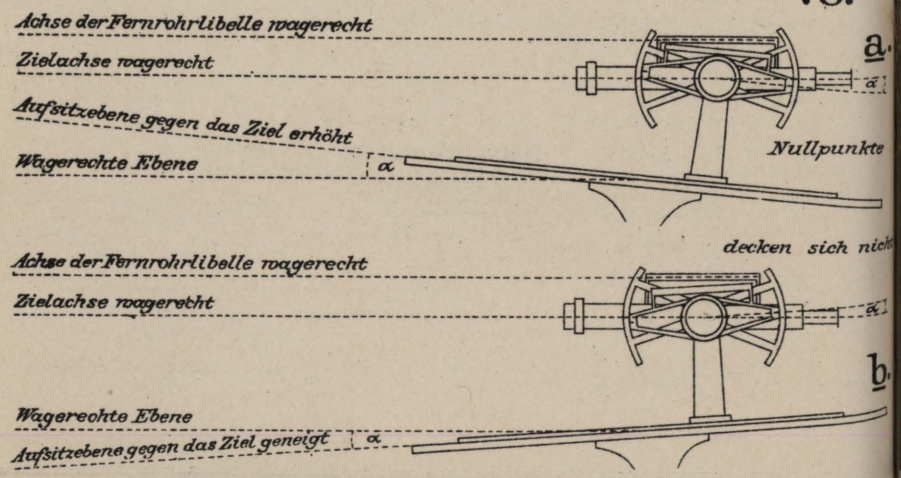
Divergenzwinkel. 76.



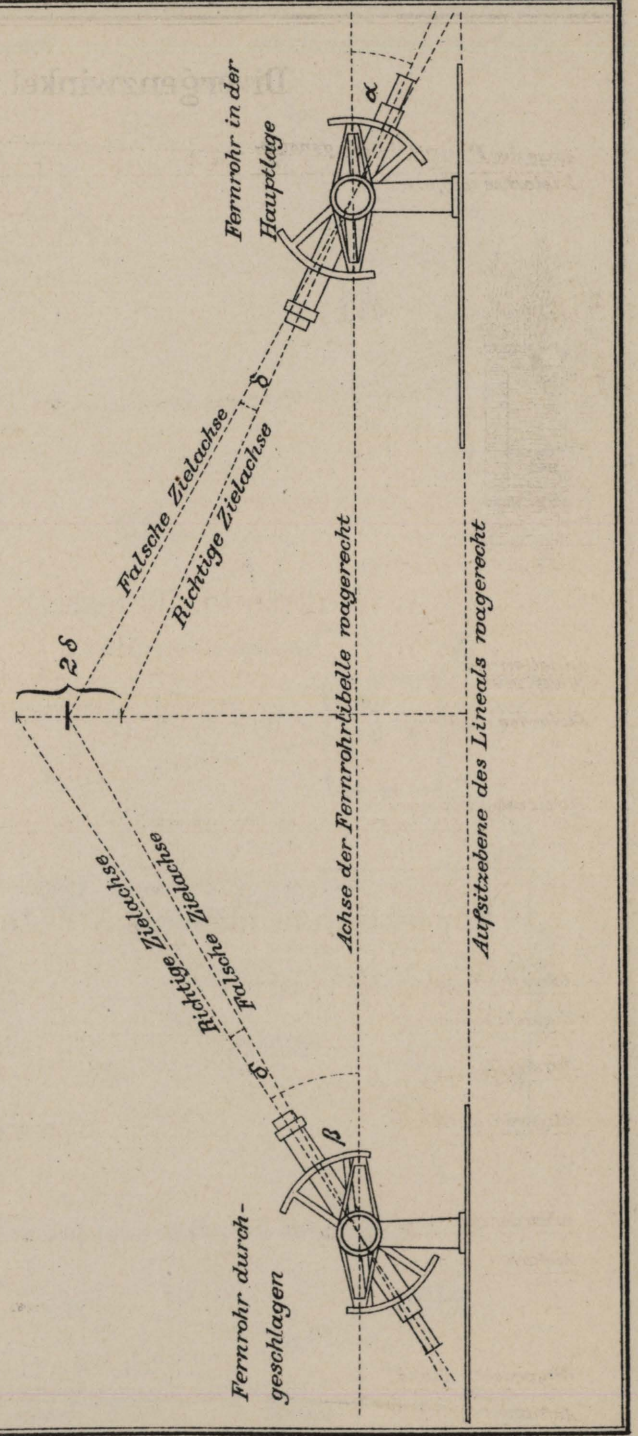
Nullstands-(Jndex-)Fehler. 77.



Korrektionswinkel als Nullstandsfehler. 78.

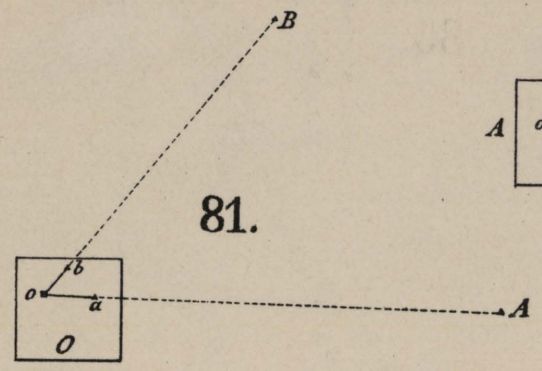


Ermittelung des Divergenzwinkels. 79.



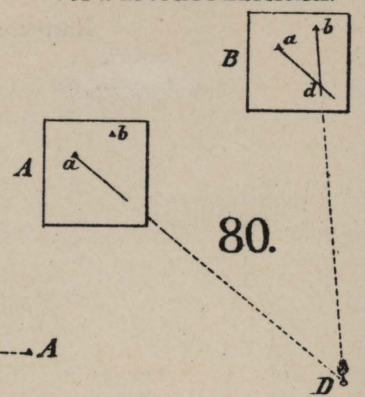
XXXV.

Rückwärtseinschneiden.



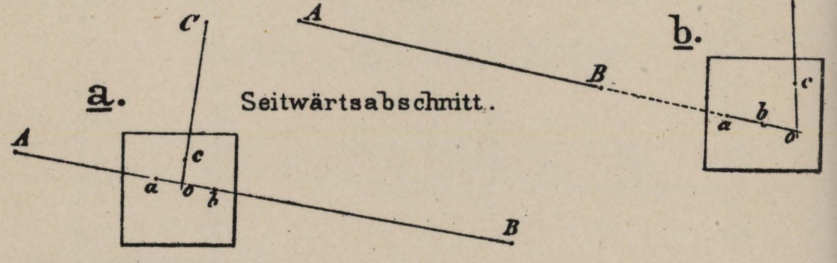
81.

Vorwärtsabschneiden.

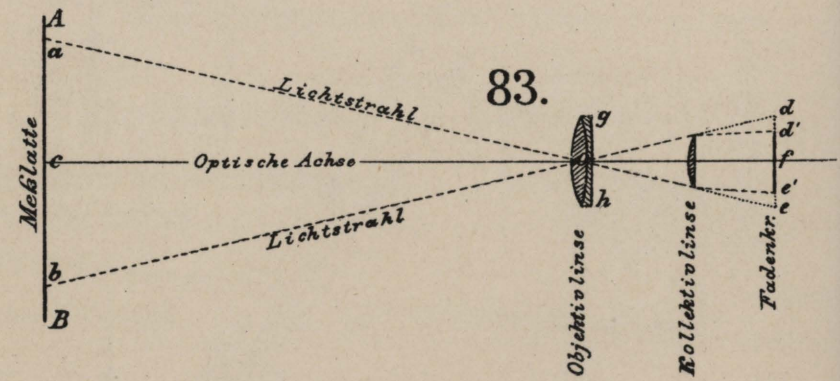


80.

82.

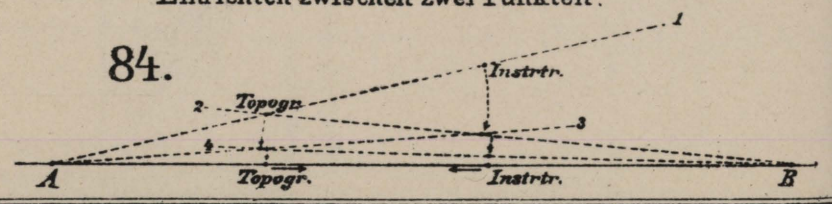


Seitwärtsabschnitt.



83.

Einrichten zwischen zwei Punkten.

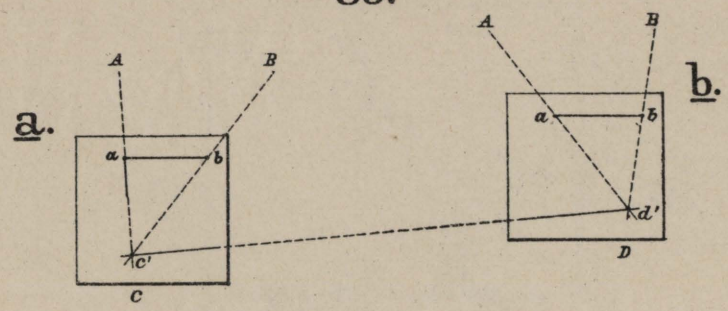


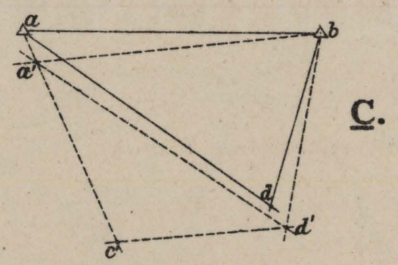
84.

XXXVI.

Hansensche Aufgabe.

85.

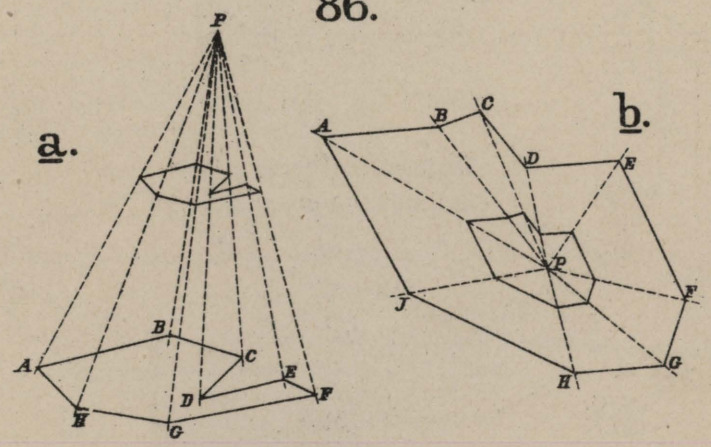




c.

Erläuterung des Verkleinerns.

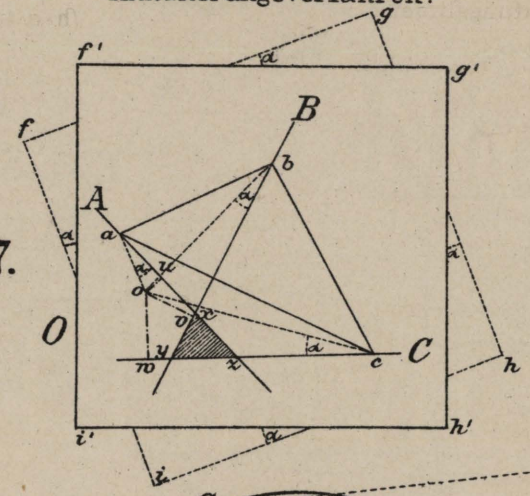
86.



XXXVII.

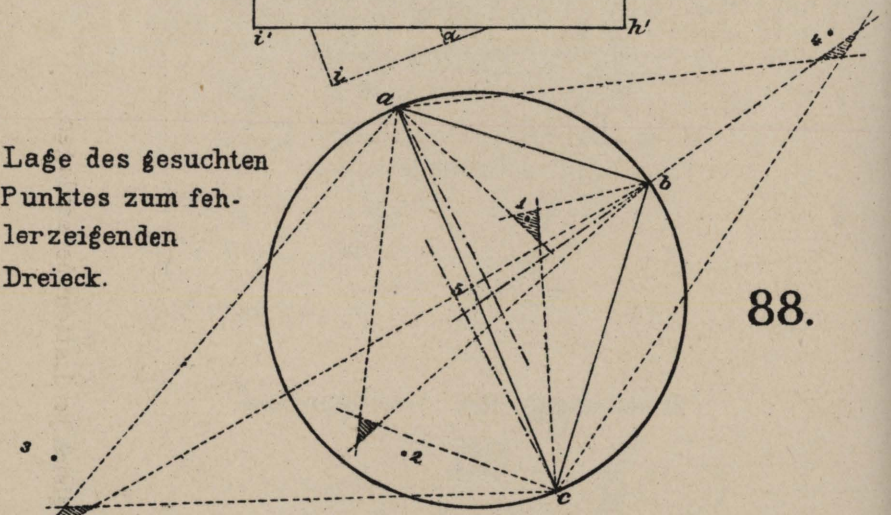
Annäherungsverfahren.

87.



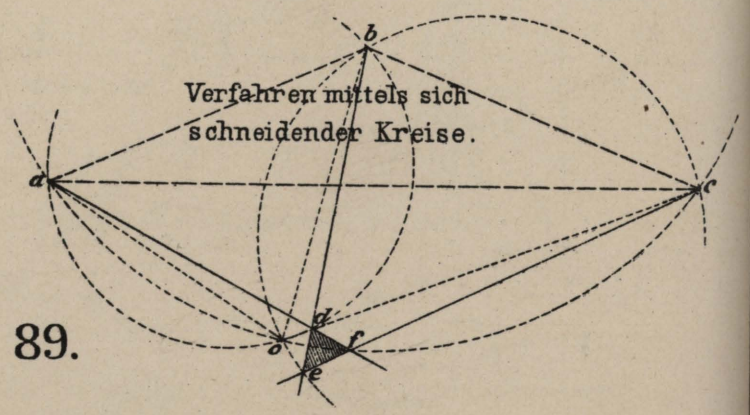
Lage des gesuchten Punktes zum fehlerzeigenden Dreieck.

88.



Verfahren mittels sich schneidender Kreise.

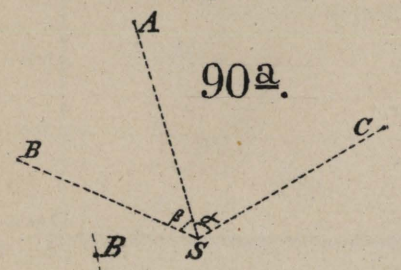
89.



XXXVIII.

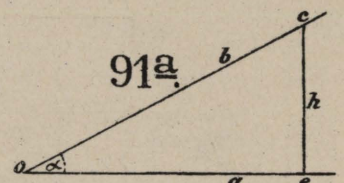
Rückwärtseinschnitt mittels Richtungslinien.

90a.

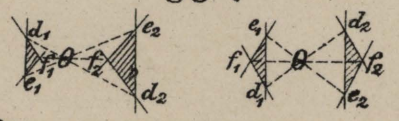


Höhenberechnung. (h = a.tg α)

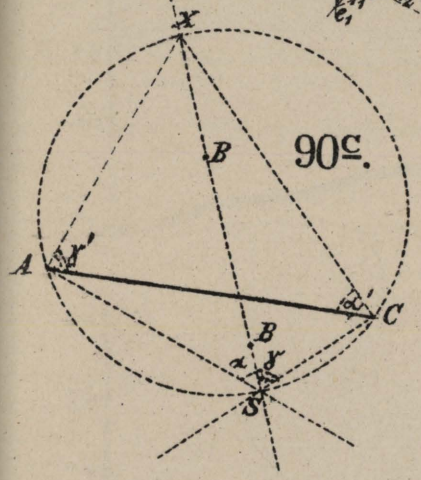
91a.



90b.

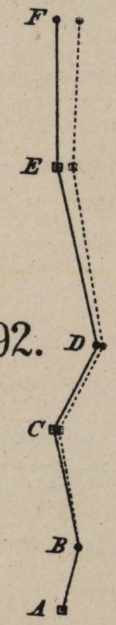


90c.

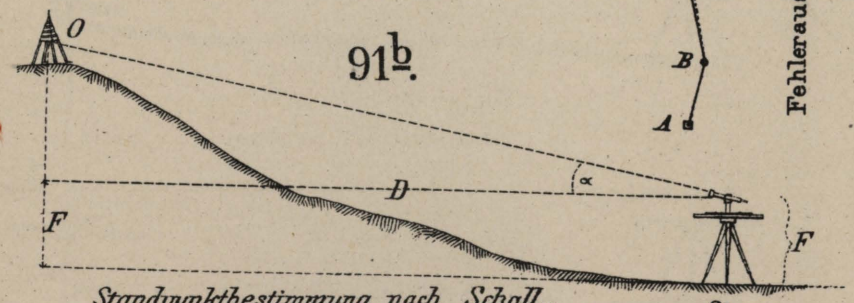


Fehlerausgleich bei Lattenüberschlägen.

92.



91b.



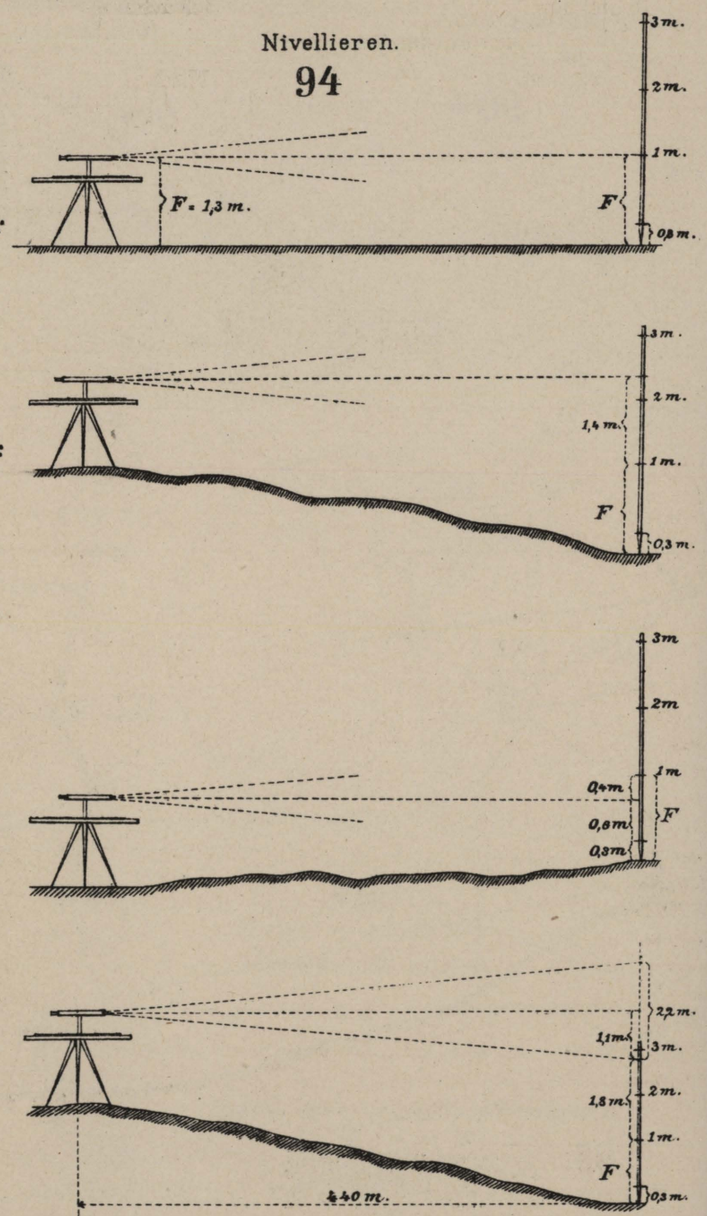
Standpunktbestimmung nach Schall.

93.

XXXIX.

Nivellieren.

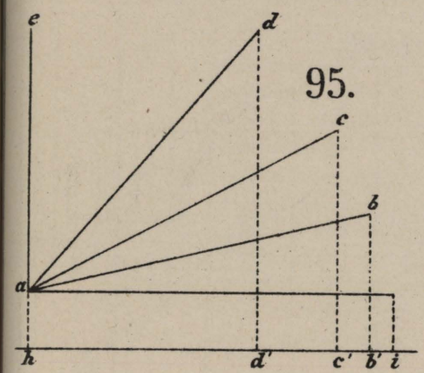
94



XL.

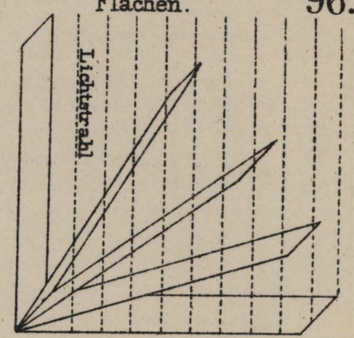
Projektion verschieden geneigter Linien.

95.



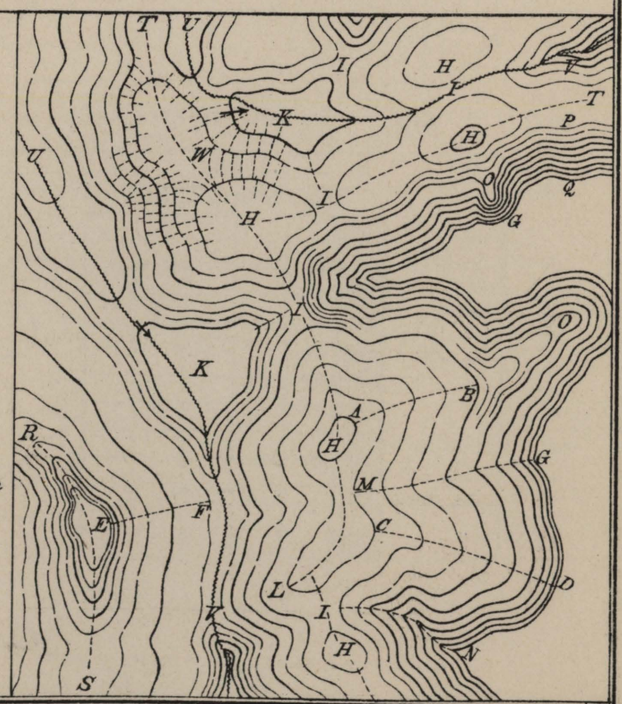
Beleuchtung Flächen.

96.

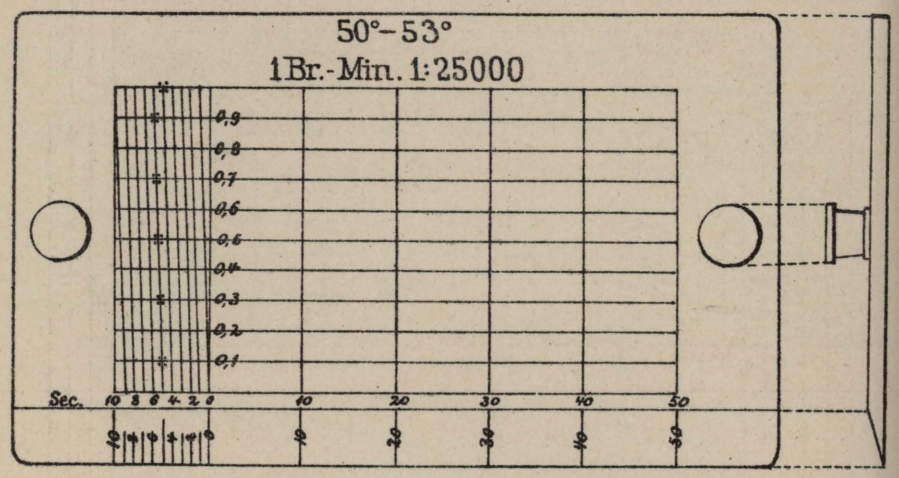


97.

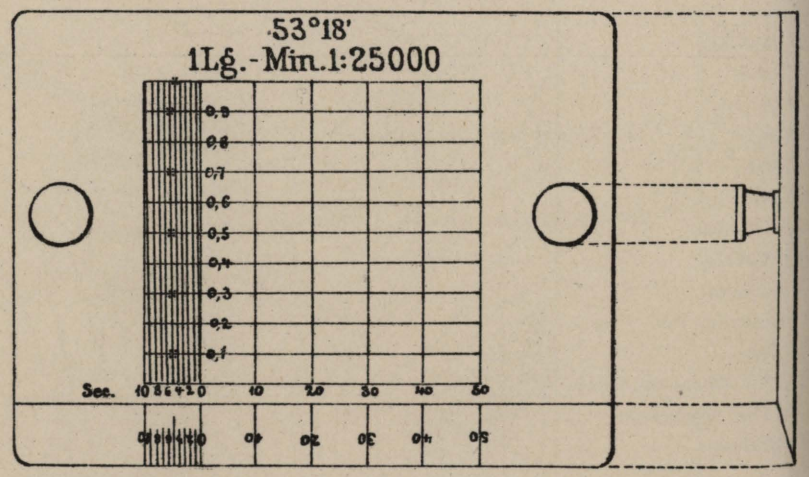
AB stetige Böschung
CD gewölbte "
EF hohle "
G Fuß
H Kuppe
I Sattel
K Kessel
HL, HI Rücken
MG, IK Mulde
IN Schlucht
O Vorsprung, Nase
PQ Hang
RS, THIH Höhenlinie, Kamm
UKV, UKIV Tiefenlinie
W Abfallinien



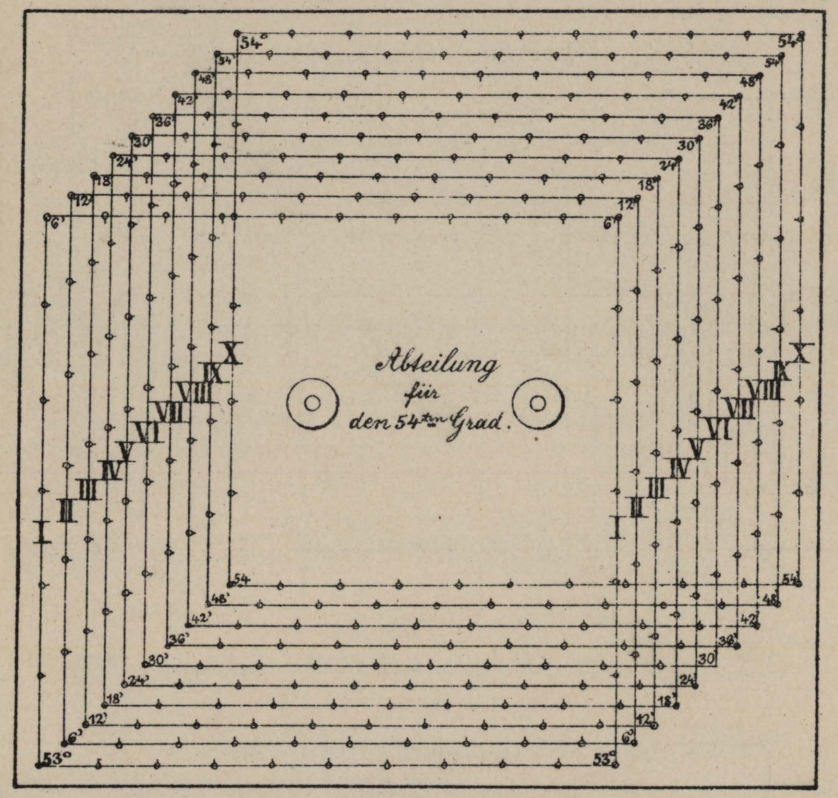
98. Breiten - Maßstab. 1:1.



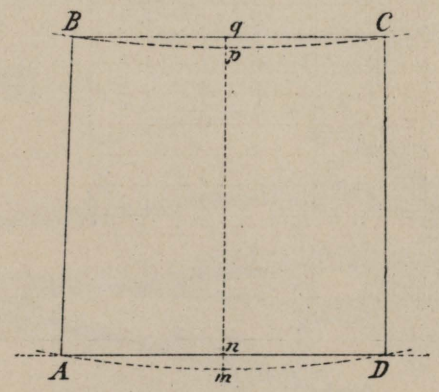
99. Längen - Maßstab. 1:1.



Metallplatte mit Rahmen der Meßtischblätter. 1:6. 100.



Konstruktion eines Meßtischblattes. 1:10.

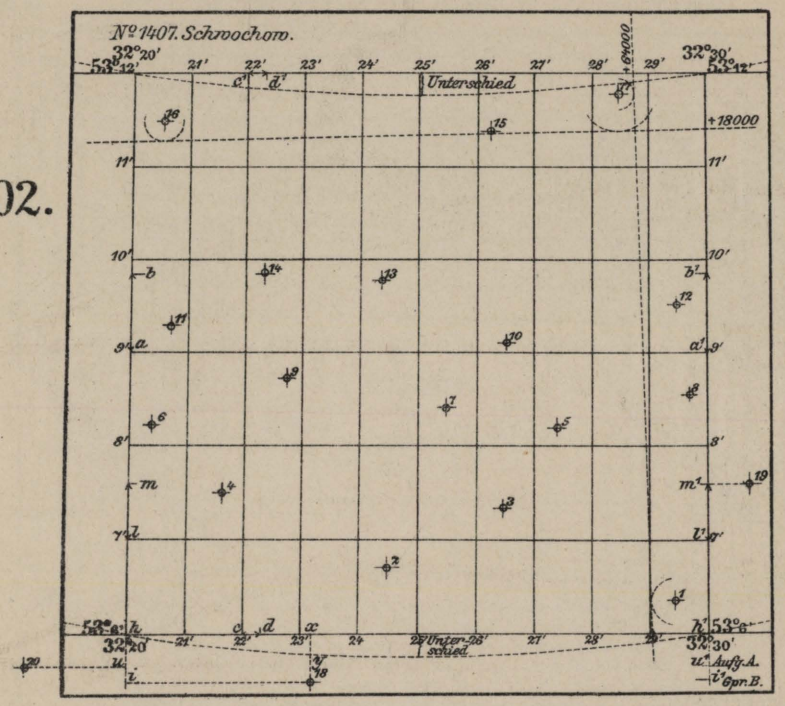


101.

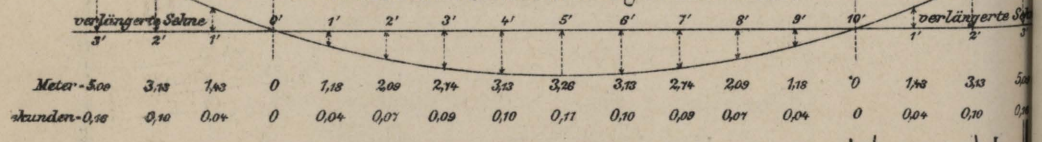
XLIII.

Auftragen trigonometrischer Punkte. 1:6.

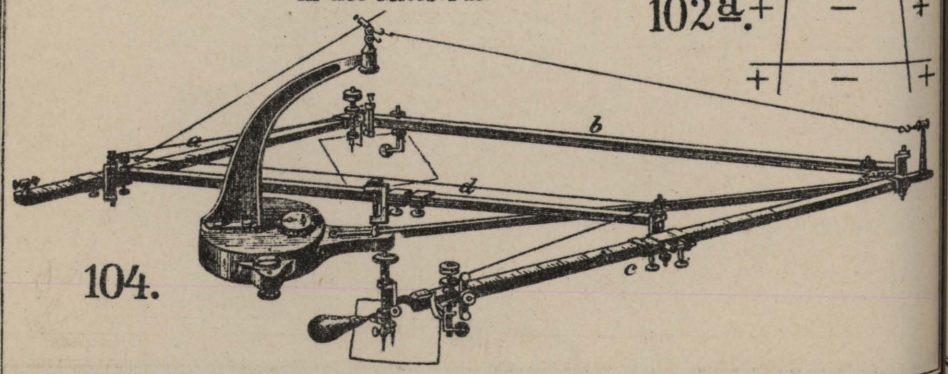
102.



103. Unterschied zwischen Bogen und Sehne.



Pantograph mit Drehpunkt in der Mitte. 1:10.



104.

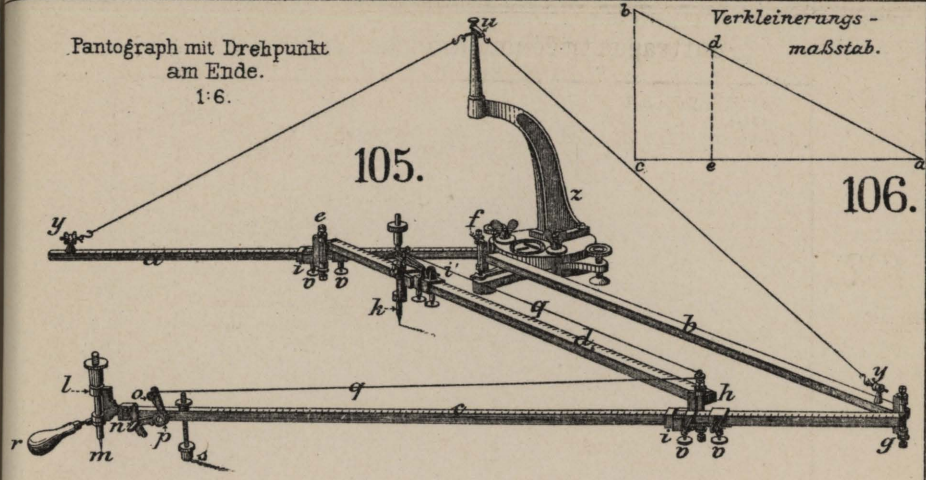
102a.

+	−	+
+	−	+
+	−	+

XLIV.

Pantograph mit Drehpunkt am Ende. 1:6.

105.

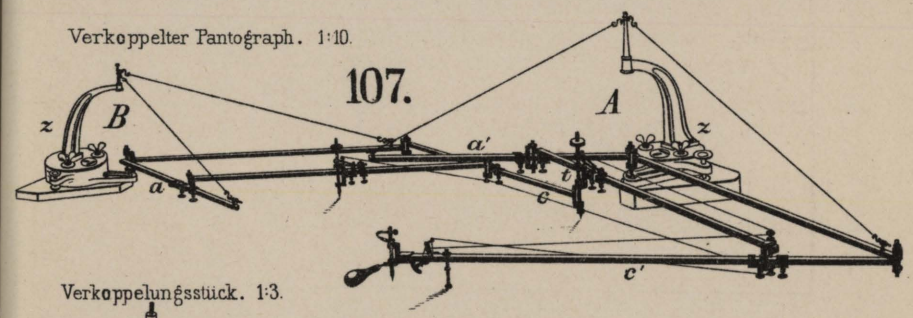


Verkleinerungs-maßstab.

106.

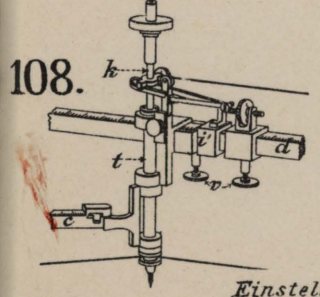
Verkoppelter Pantograph. 1:10.

107.



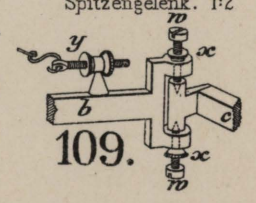
Verkoppelungsstück. 1:3.

108.



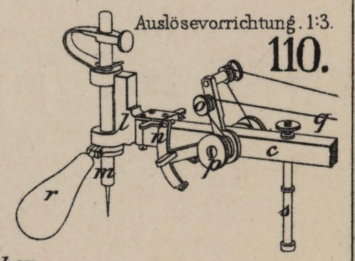
Spitzengelenk. 1:2

109.

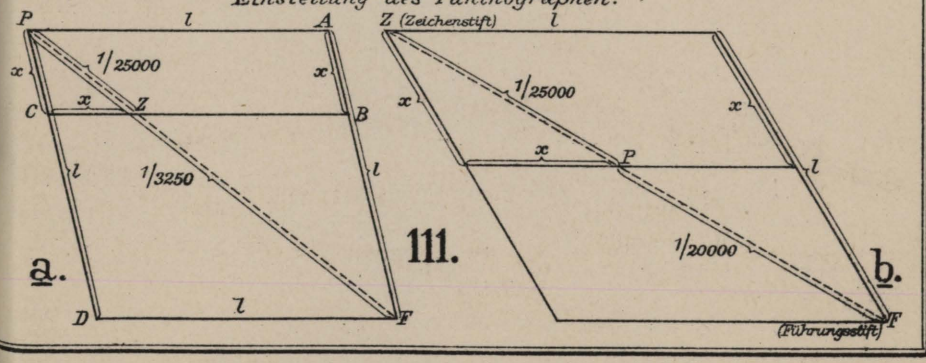


Auslösevorrichtung. 1:3.

110.



Einstellung des Panthographen.



111.

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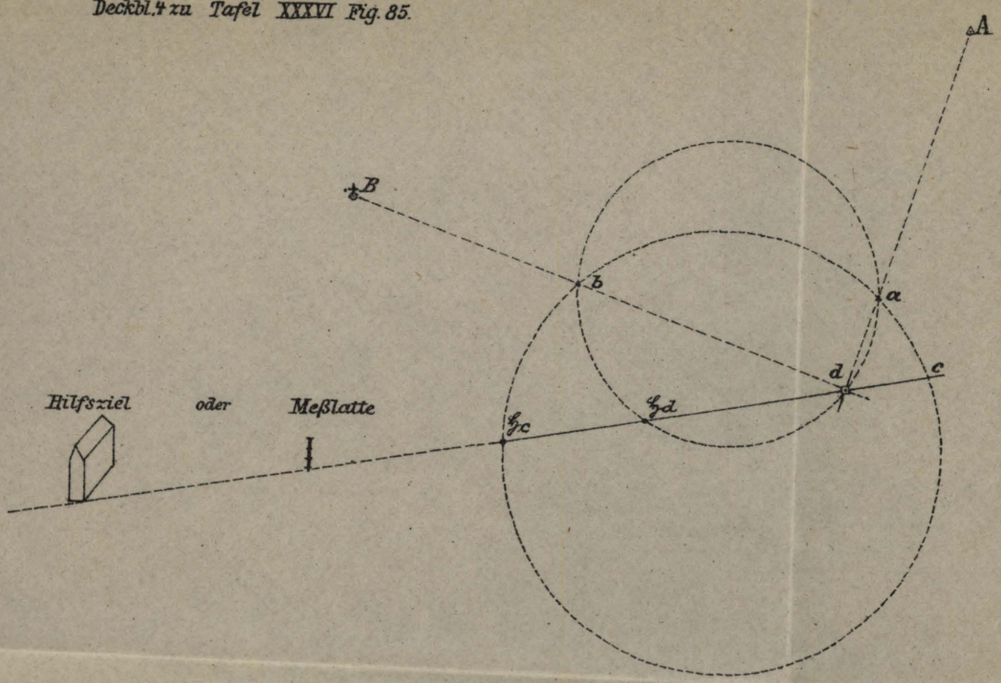
Vorschrift fü
des Reich

Deckbl. 1.
Tafel XX
durch Deckb

Deckb

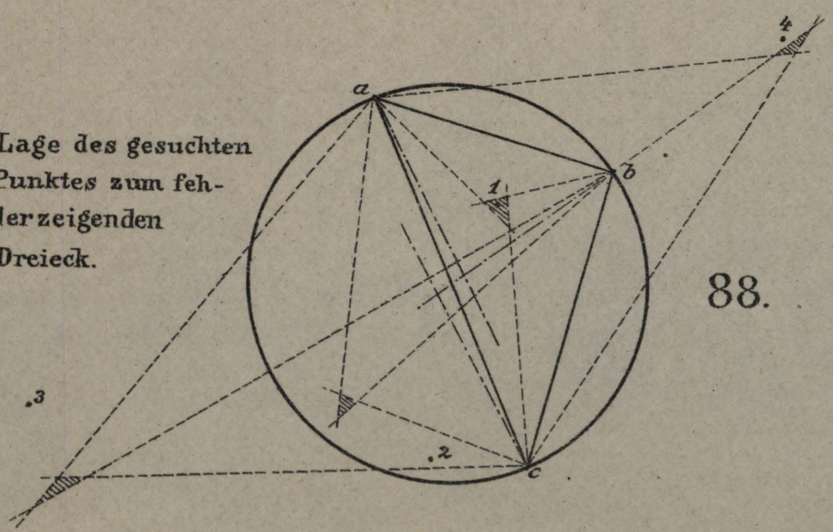
Deckbl. 4 zu Tafel XXXVI Fig. 85.



d.

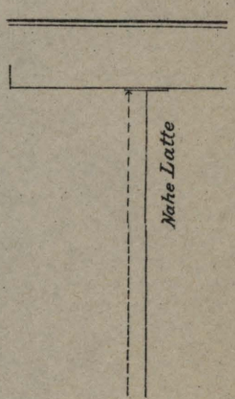
Deckbl. 5 zu Tafel XXXVII Fig. 88.

Lage des gesuchten Punktes zum fehlerzeigenden Dreieck.

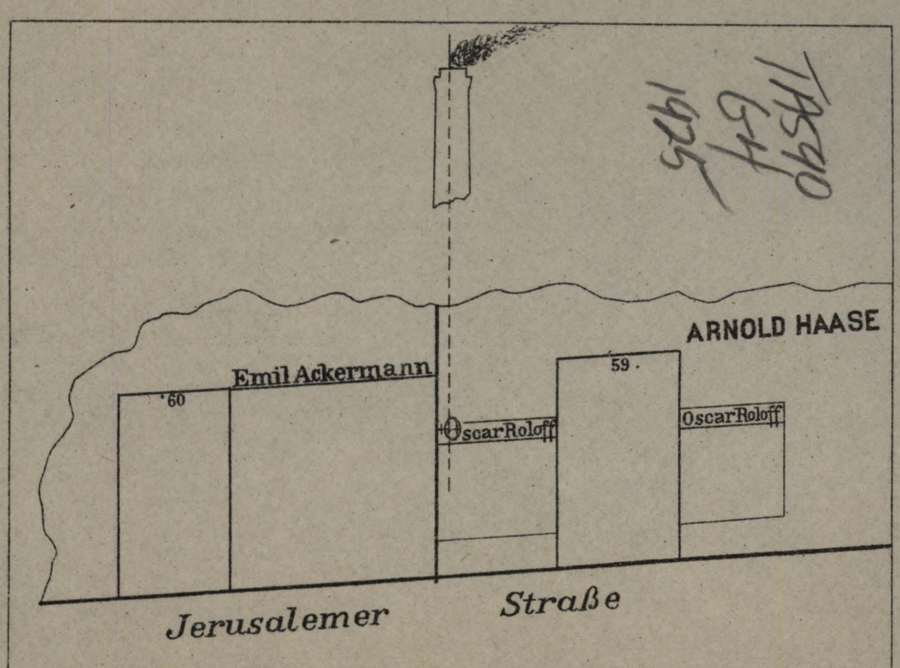


88.

Deckbl. 1 zu Tafel XXXI Fig. 73.



Deckbl. 2 zu Tafel XXXII Fig 75.



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Deckblätter Nr. 1–5

zur

Vorschrift für die Topographische Abteilung des Reichsamts für Landesaufnahme.

Heft II. Abbildungen.

Berlin 1923.

Deckbl. 1.

Tafel XXXI. In Figur 73 ersetze den Ostrand (Kolonialmuseum) durch Deckbl. 1.

Deckbl. 2.

Tafel XXXII. Die Figur in 75 ist durch Deckblatt 2 zu ersetzen.

Deckbl. 3.

Tafel XXXVI. In Figur 85b und c ziehe handschriftlich die in Figur 85a angedeutete Linie von a nach c'.

Deckbl. 4.

Ebenda füge als Figur 85d das Deckblatt 4 ein.

Deckbl. 5.

Tafel XXXVII. Ersetze Figur 88 durch Deckbl. 5.