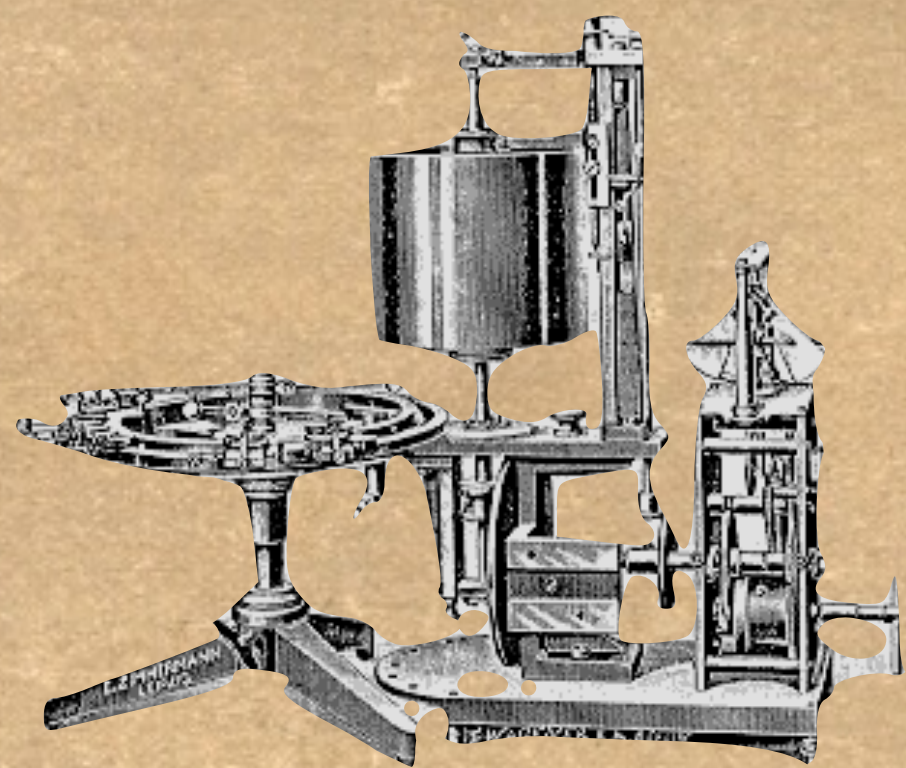


A 131

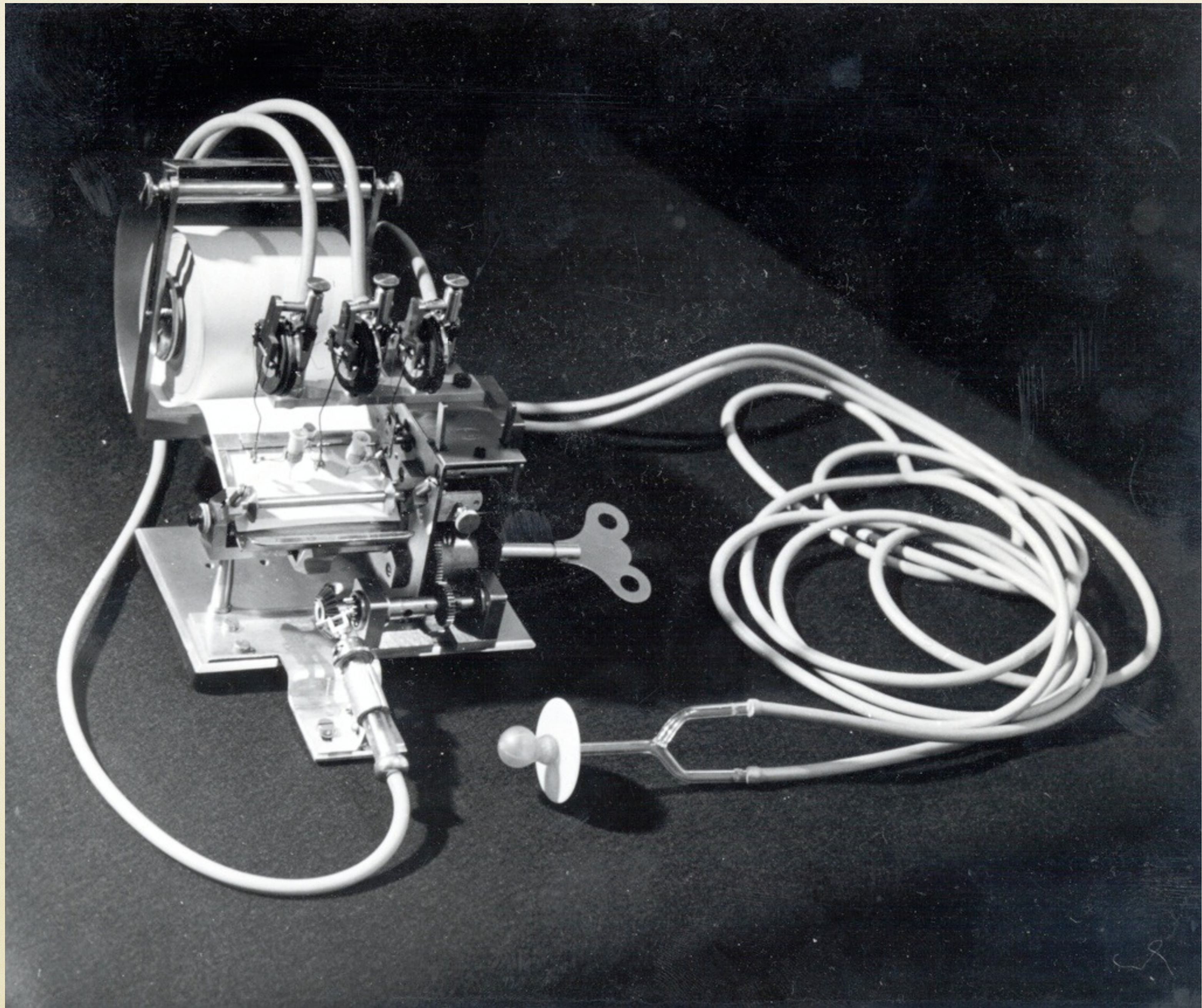
166/32 131

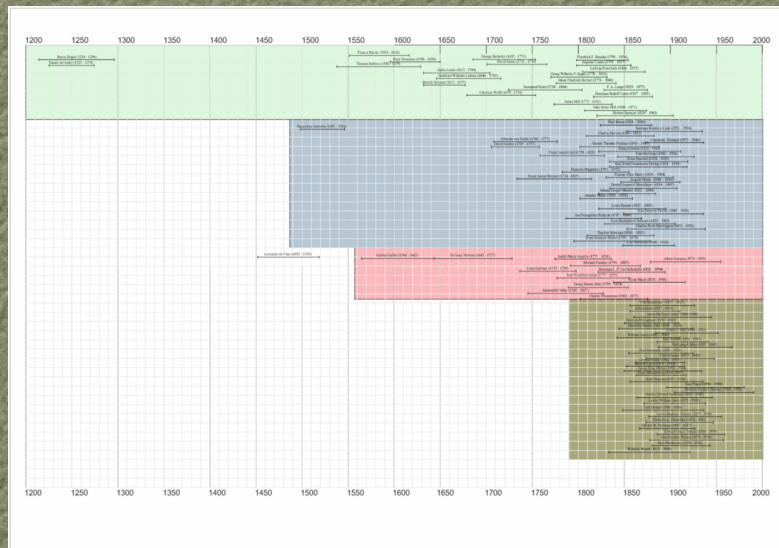
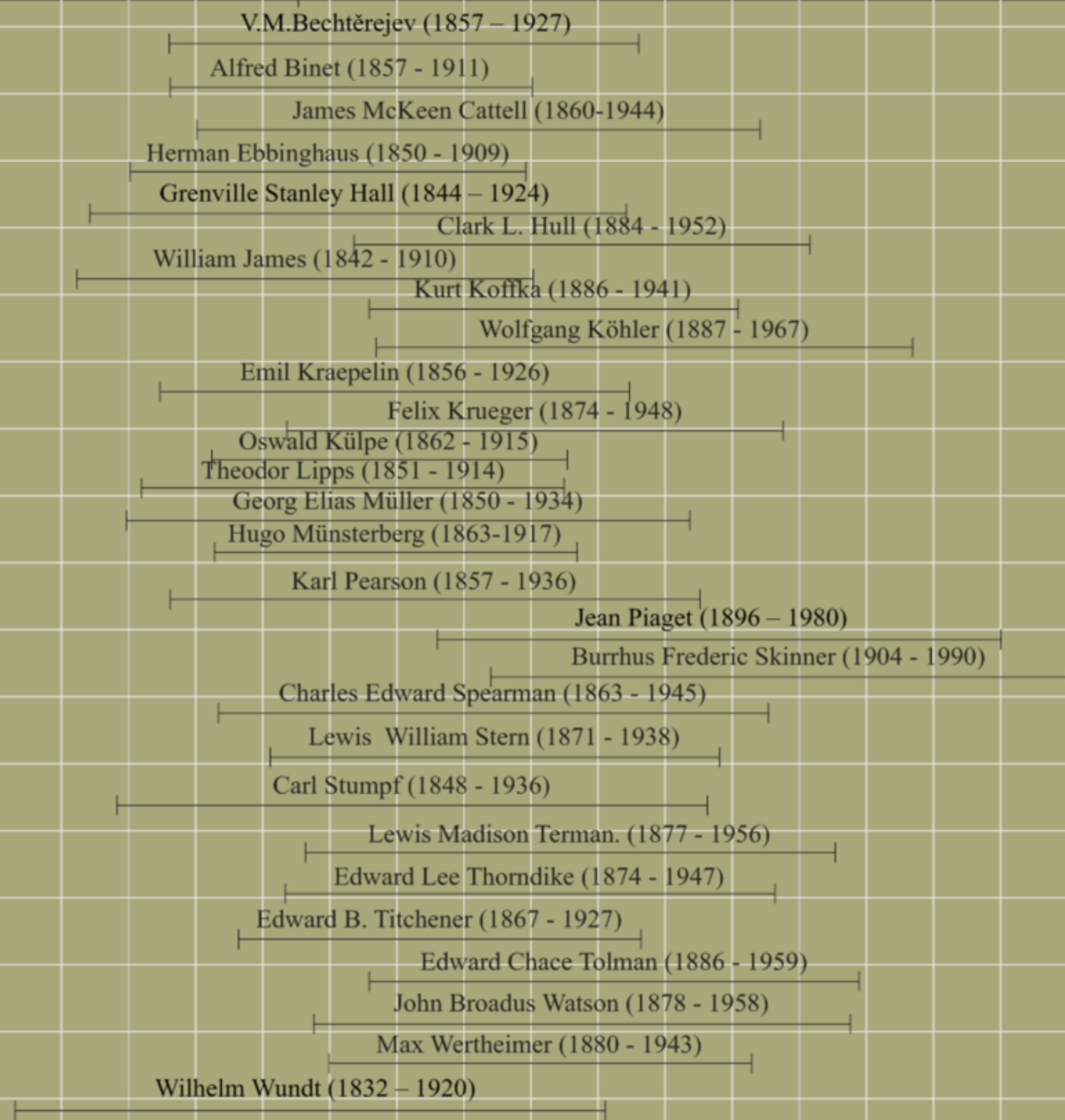
Vybrané části dějin psychologie u kostce

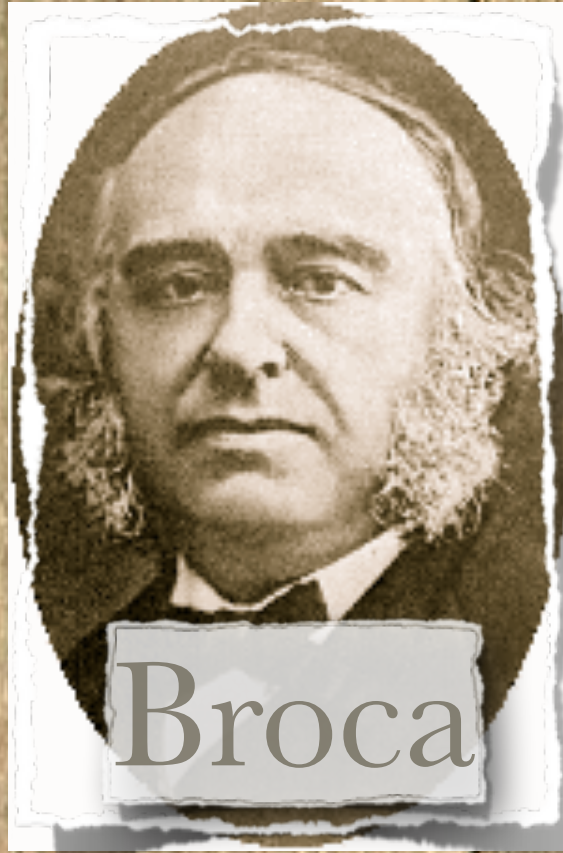


“Když můžeš to, o čem hovoříš, změřit a vyjádřit to v číslech, něco o tom víš; ale když to nemůžeš změřit ani vyčíslit, tvoje znalosti jsou chudé a neuspokojivé.”

lord Kelvin







Broca



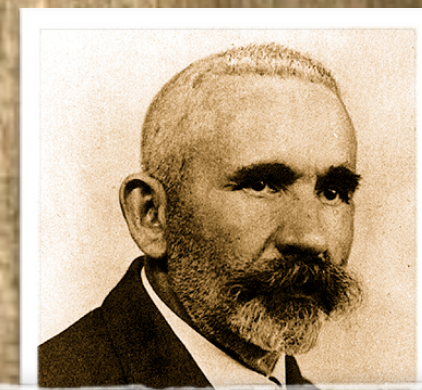
Feuerbach



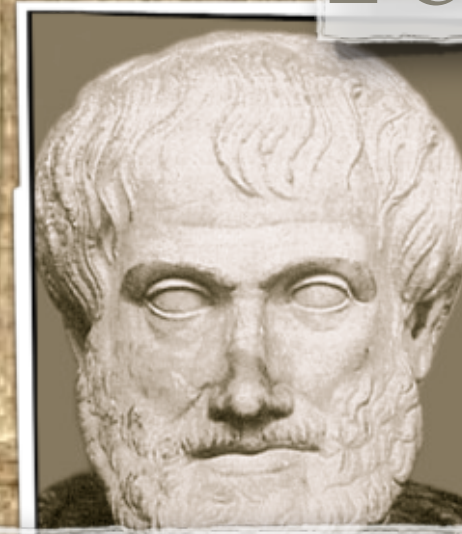
Hume



Binet



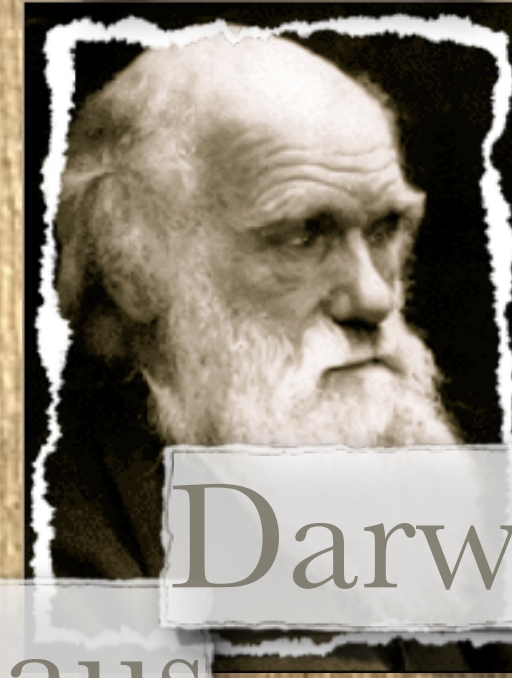
Kraepelin



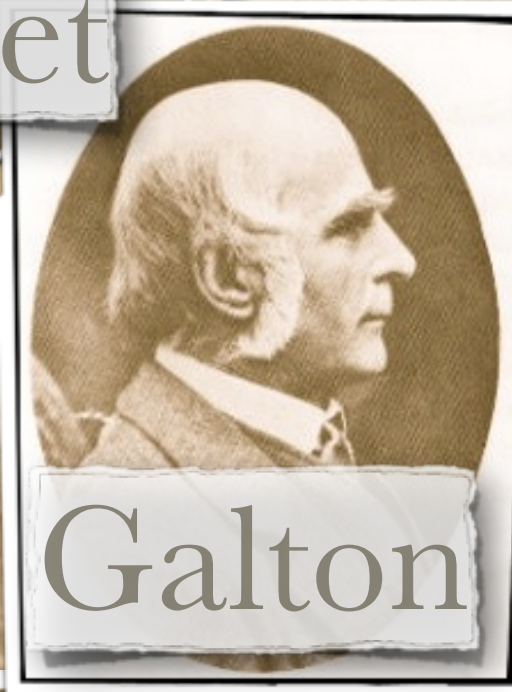
Aristoteles



Ebbinghaus



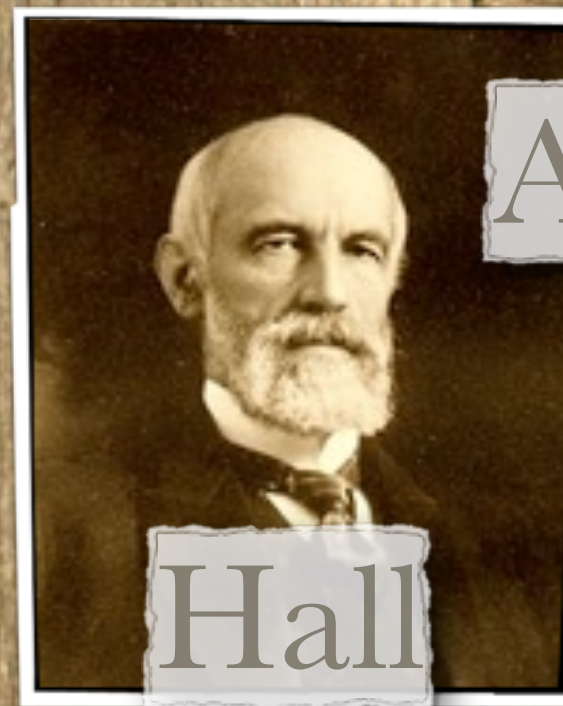
Darwin



Galton



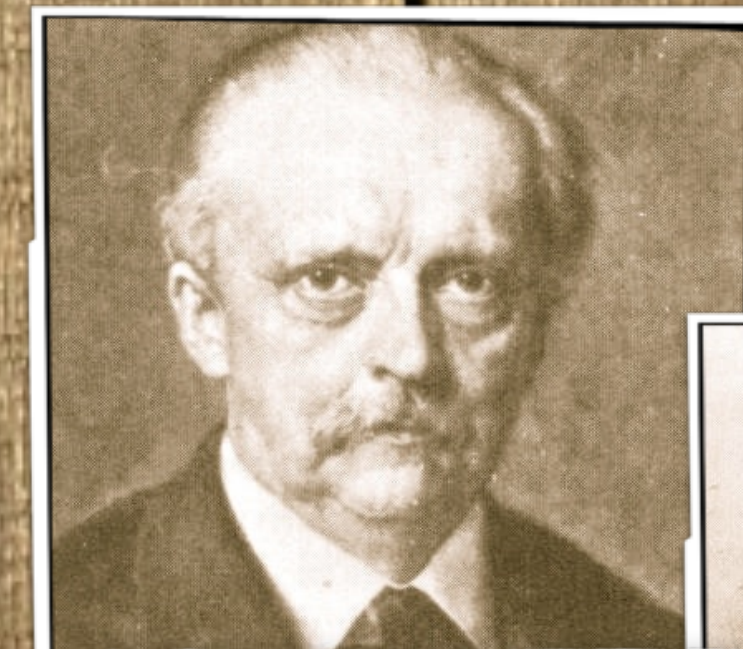
Spencer



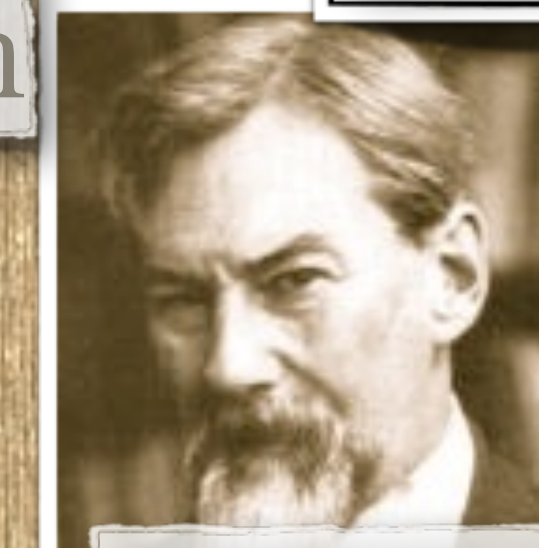
Hall



Schwann



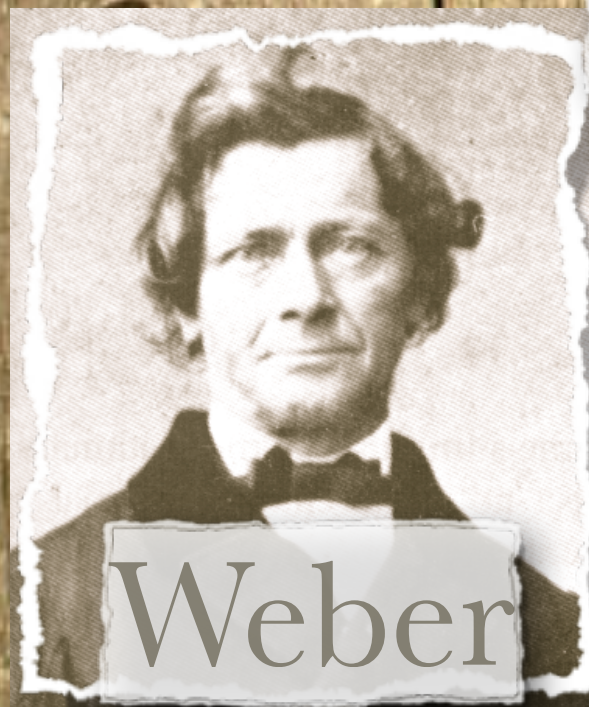
Helmholtz



Claparede



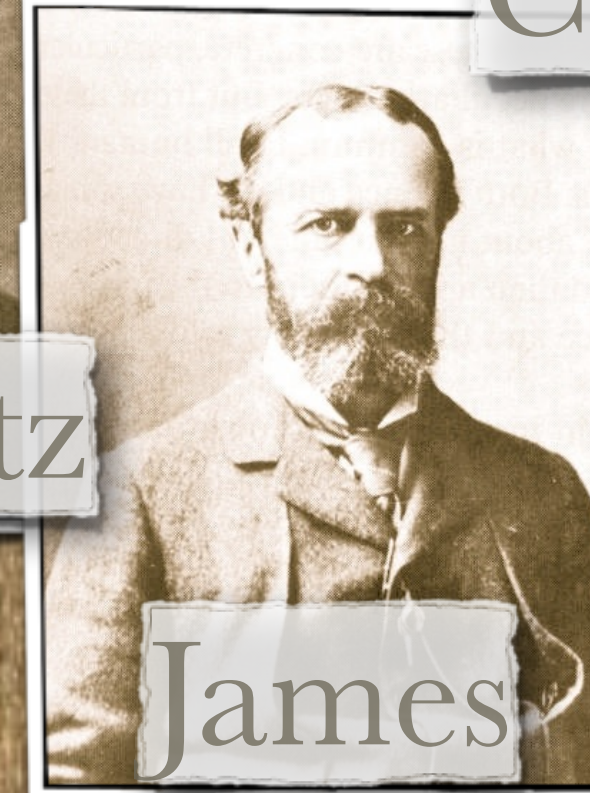
Fechner



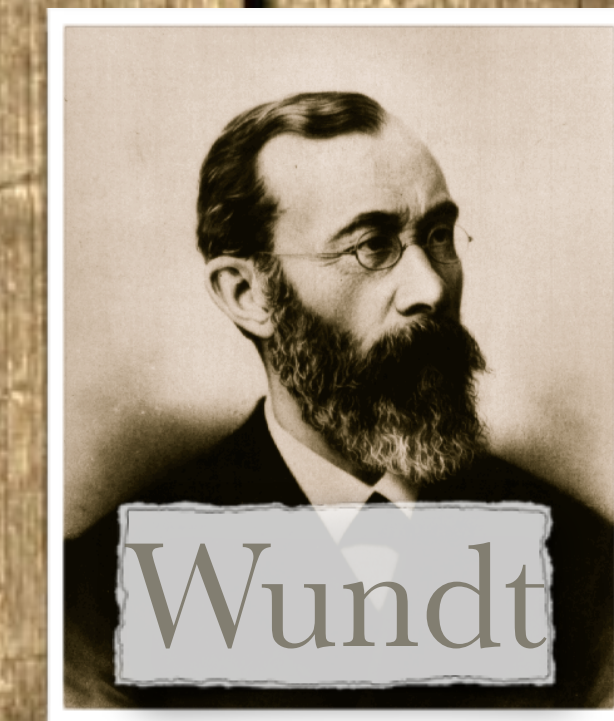
Weber



Pearson



James



Wundt

Wundt, Wilhelm (Maximilian)

Neckarau, Německo

16.08.1832

Großbothen, Německo

31.08.1920

LEIPZIG 1875 - 1917

HEIDELBERG 1852-187

ZURICH 1874

www.history-ma



Wundt, Wilhelm (Maximilian)

Neckarau, Německo

16.08.1832

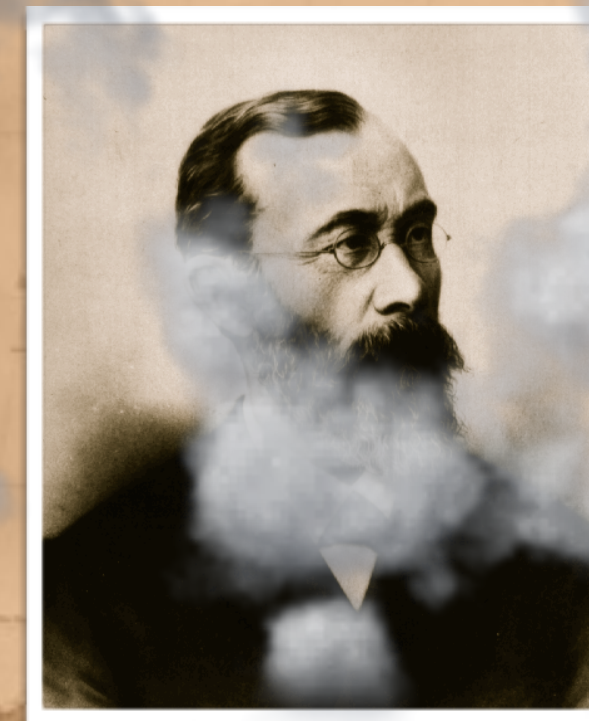
Großbothen, Německo

31.08.1920

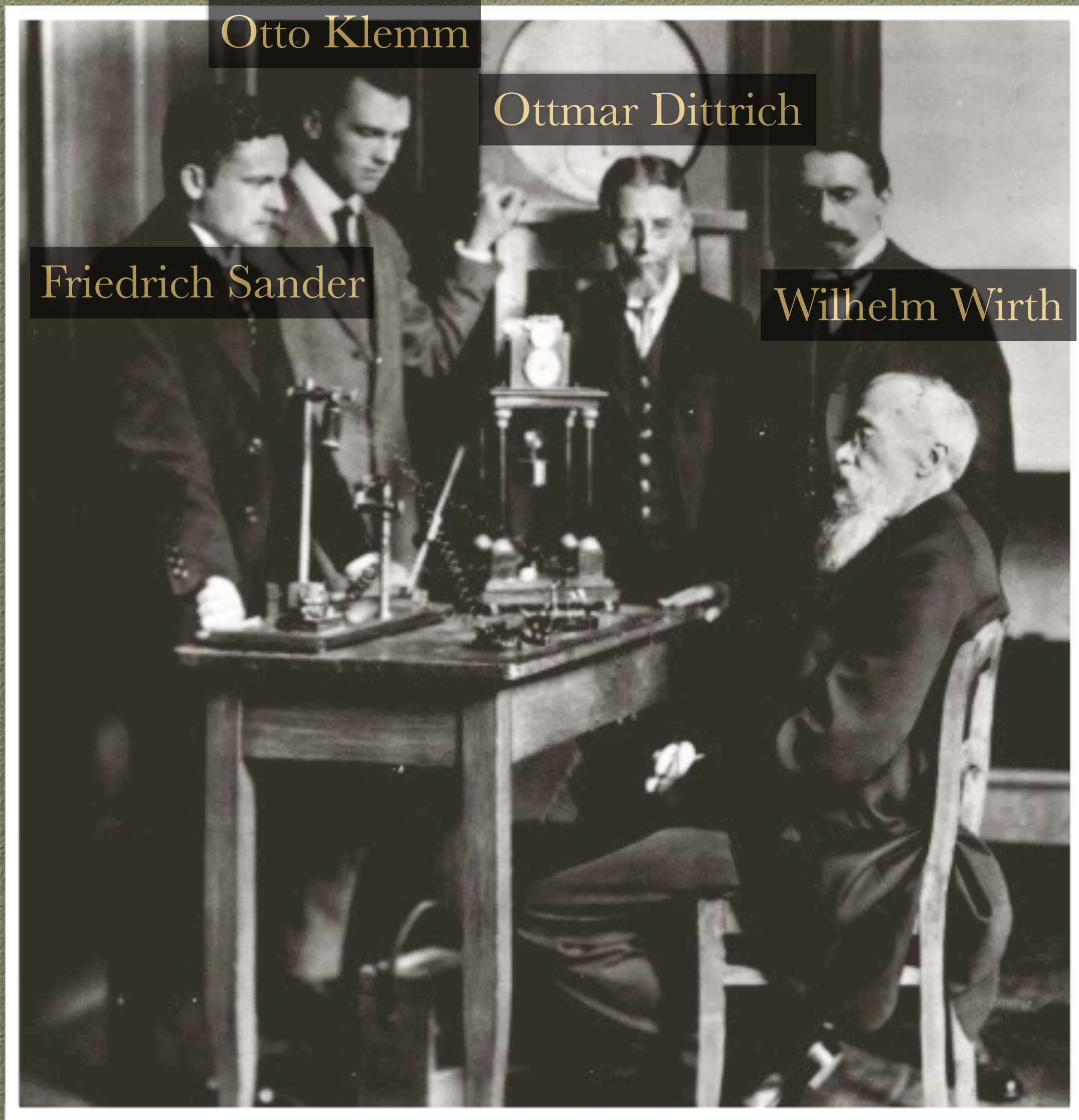


James McKeen Cattell.

wenn Sie ebenfalls dahin kommen wollten.
Ich habe mit Bräve verabredet, dass ich
ihn abholen werde, und werden wir bald
nach 4 Uhr im Laboratorium eintreffen.
Sie möglicherweise versetzt sind,
sicherlich nicht, ob dieser
Kinde gelangt, und
wenn Sie nicht im
Laboratorium antreffen, annehmen, dass
hier sind.
Mit besten Grüßen
Ihr W. Wundt.



1912

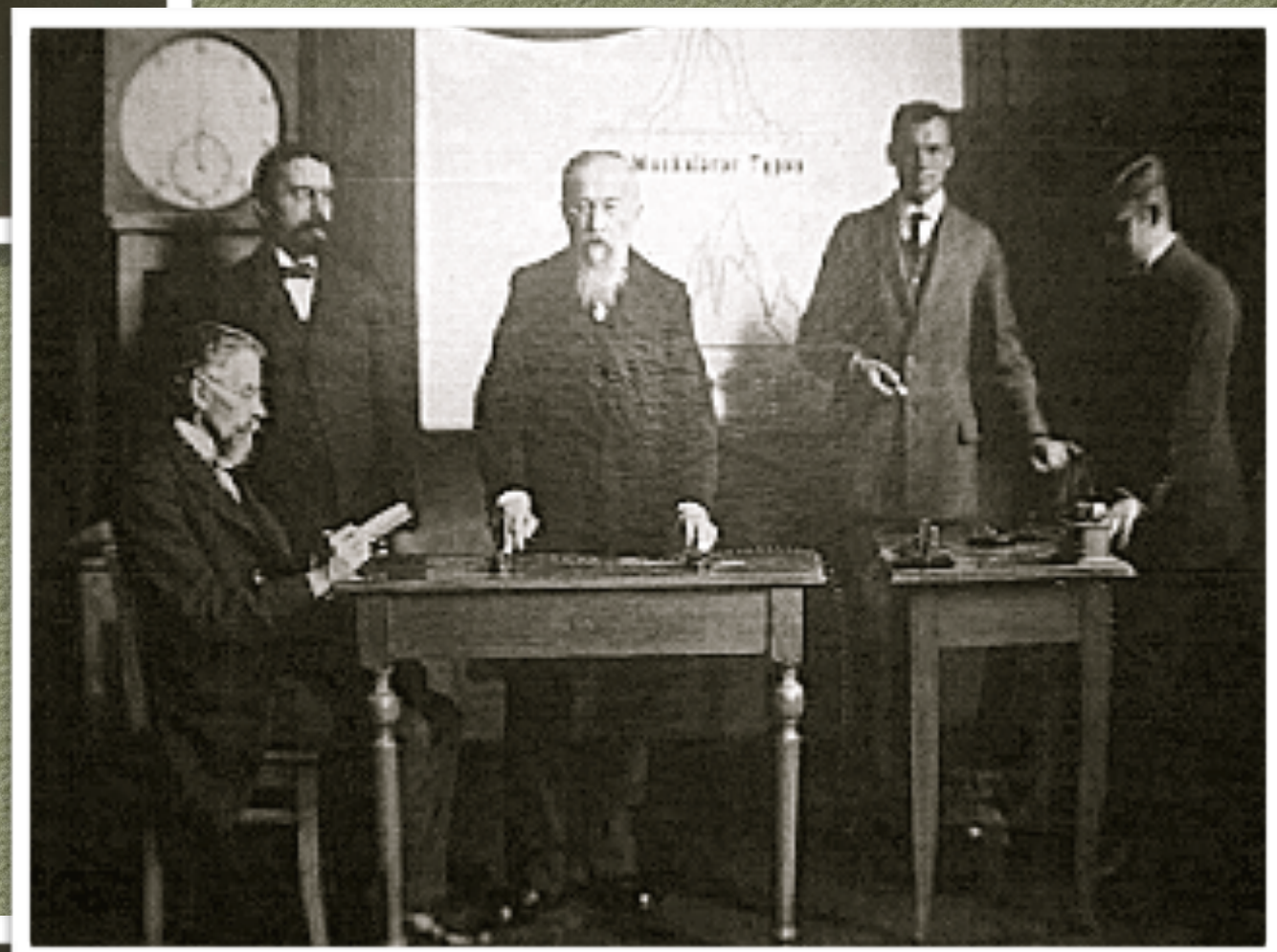


Otto Klemm

Ottmar Dittrich

Friedrich Sander

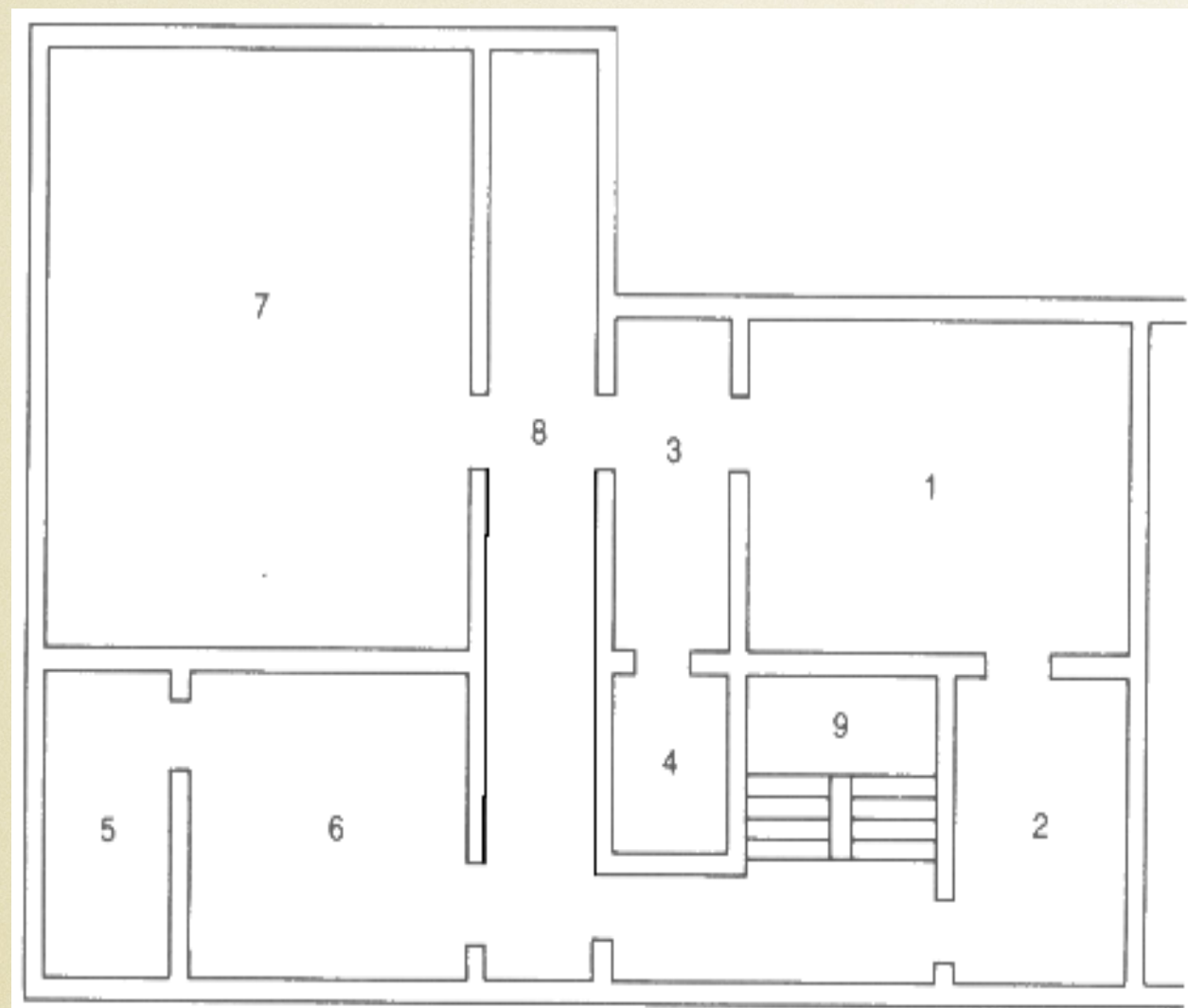
Wilhelm Wirth



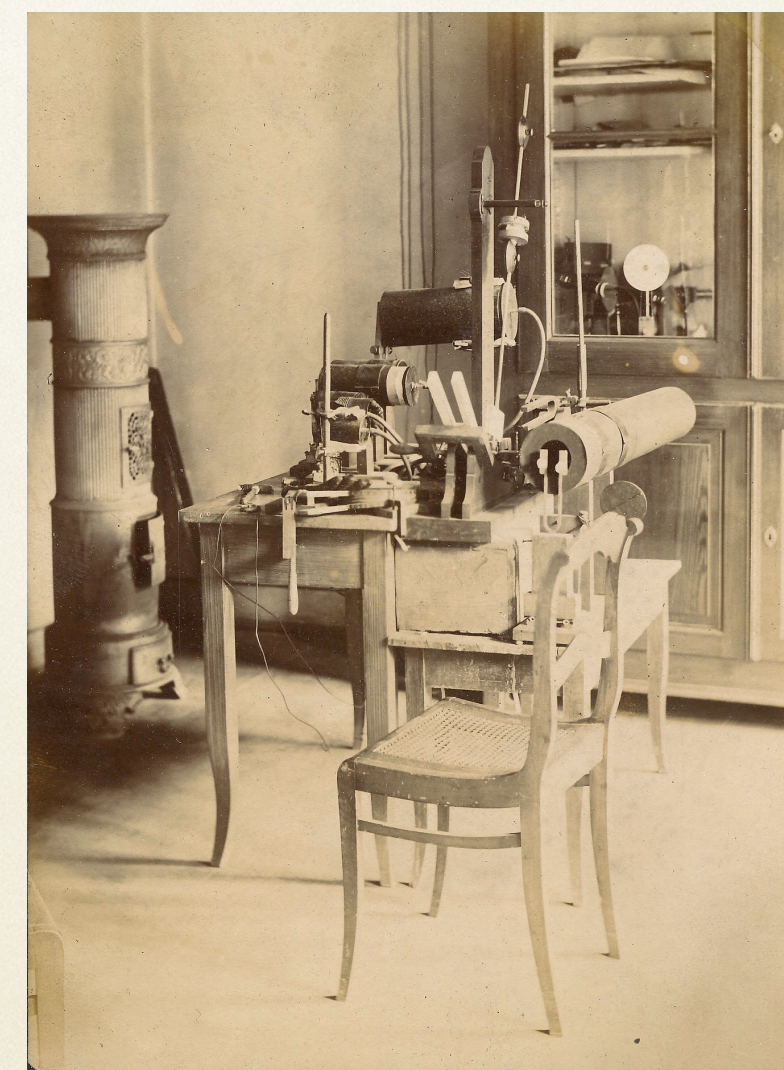
Friedrich Sander (1889-1971)
Otto Klemm (1884-1939)
Wilhelm Wirth (1876-1952)
Ottmar Dittrich (1865-1951)

Wundtova laboratoř

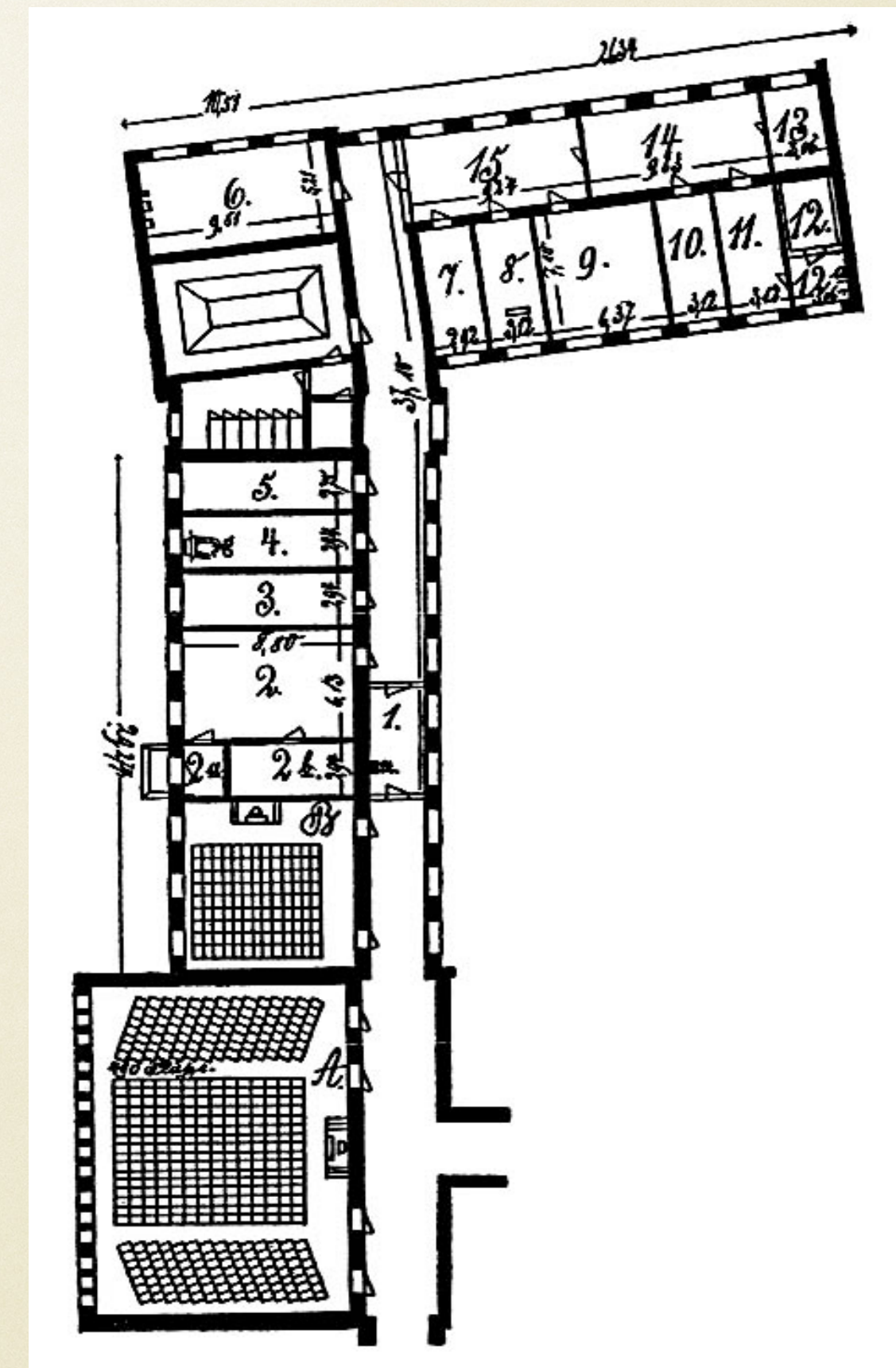
- vznik 1879 (zánik při náletu v r. 1943)



budova Konviktu
(1874 ~1890)

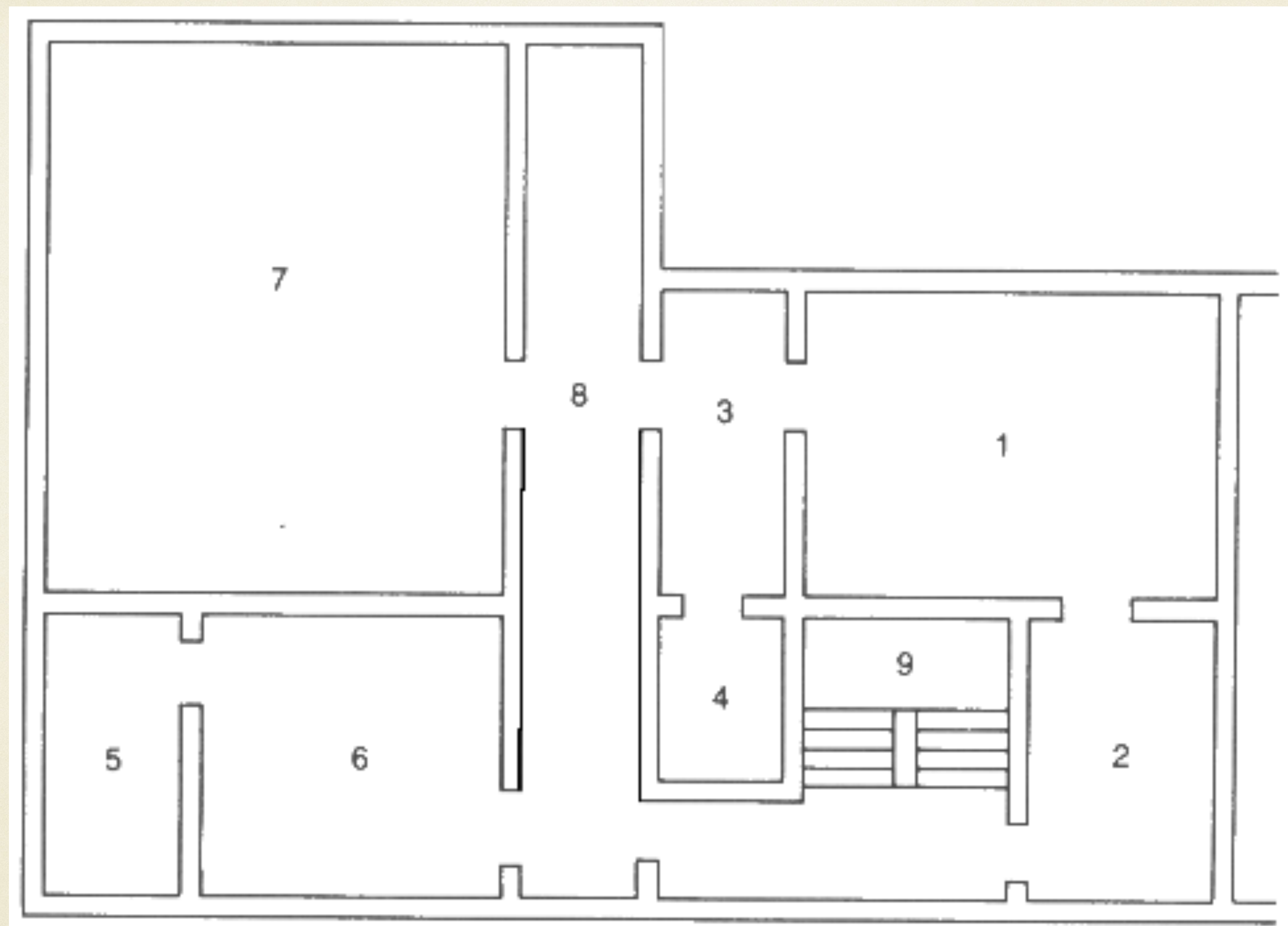


„Hausen Grimm“
(~1890 - 1896)



Johaneum a Paulinum
(1896 - 1943)

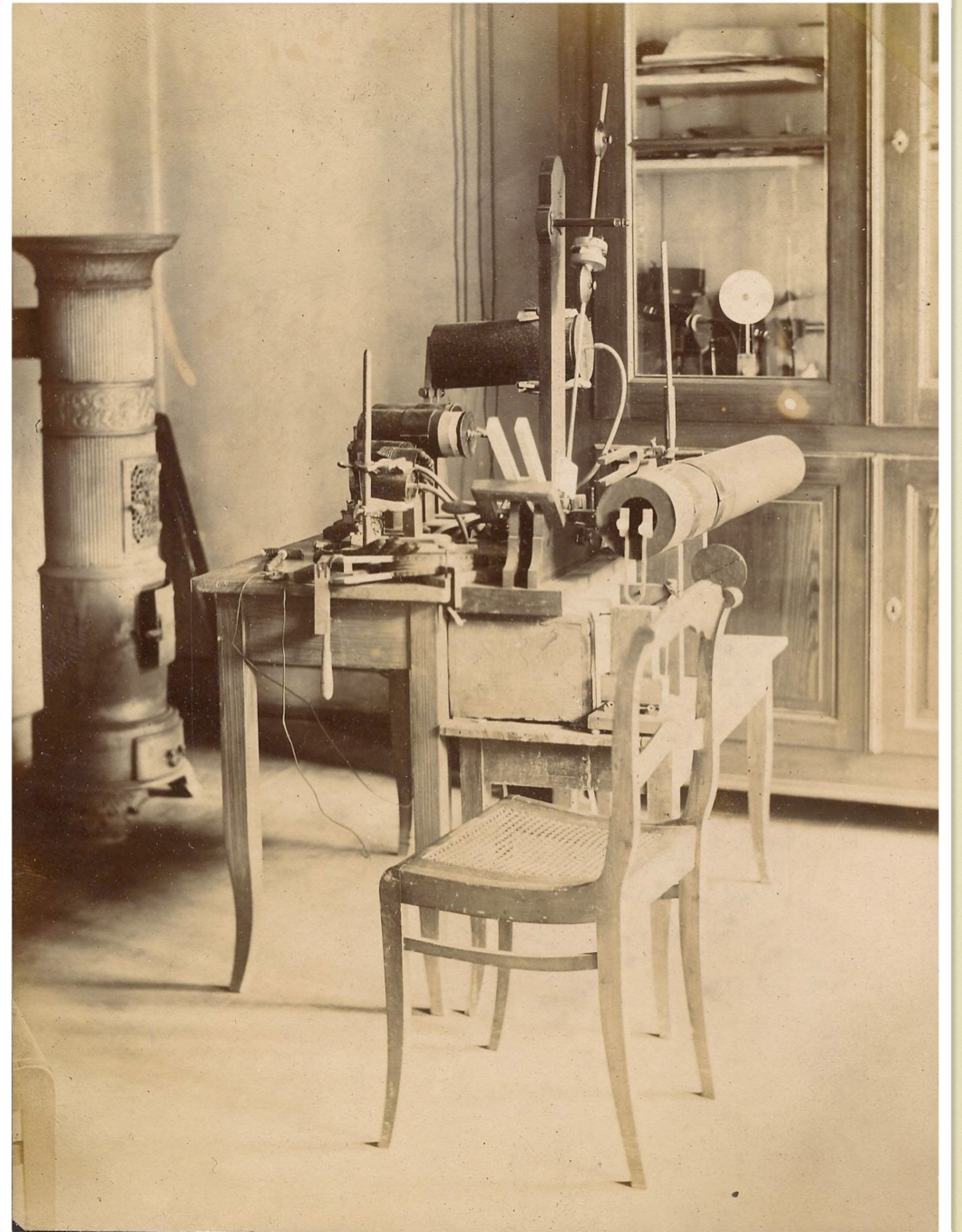
budova Konviktu
(1874 ~1890)

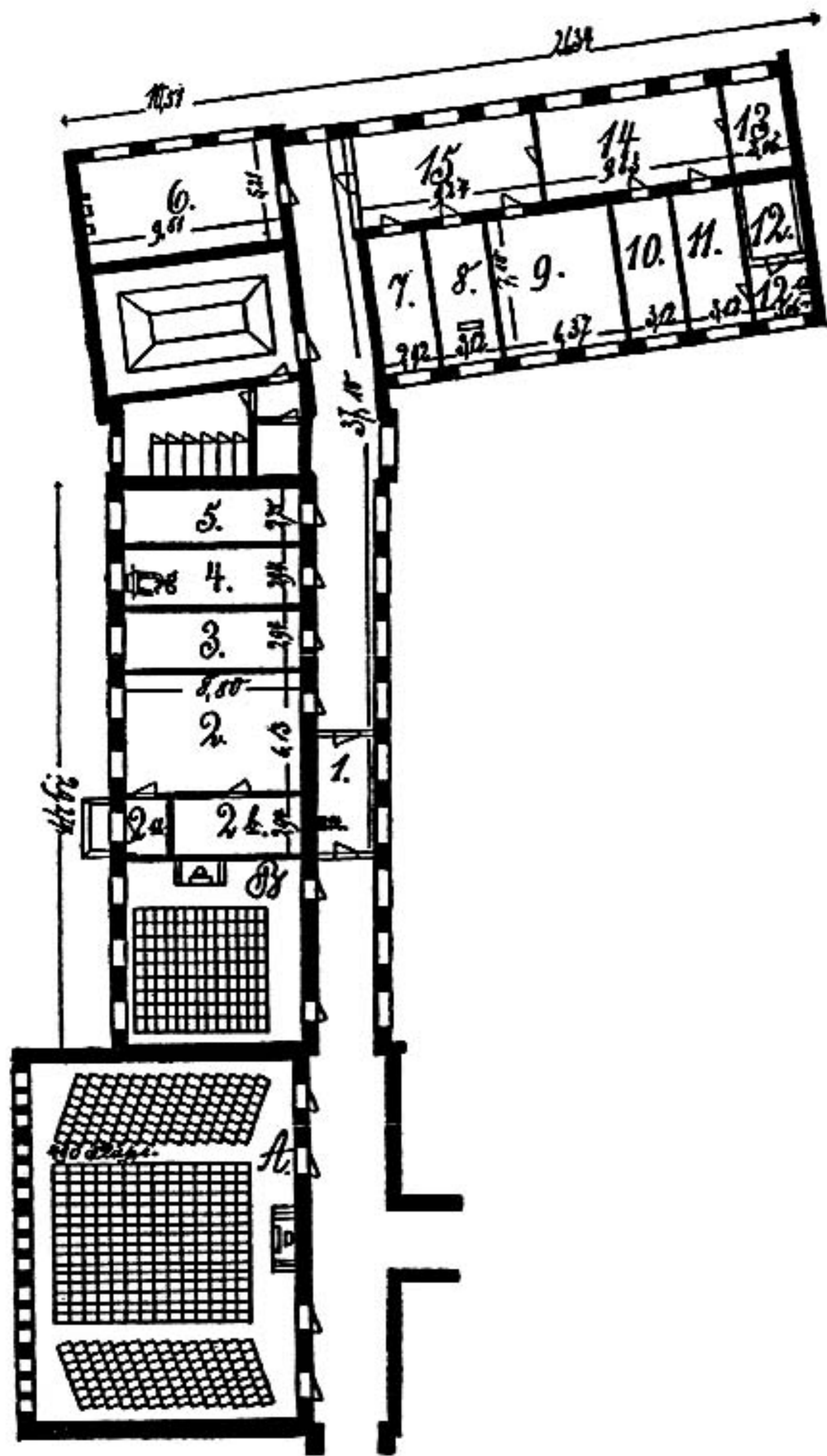


Místnosti 7 a 1 sloužily jako učebny, 2 konferenční pokoj, 3 čekárna, 4 temná komora, místnosti 5 a 6 představují laboratoře a chodba 8 se schodištěm 9 výčet prostor uzavírají



„Hausen Grimm“
(~ 1890 - 1896)

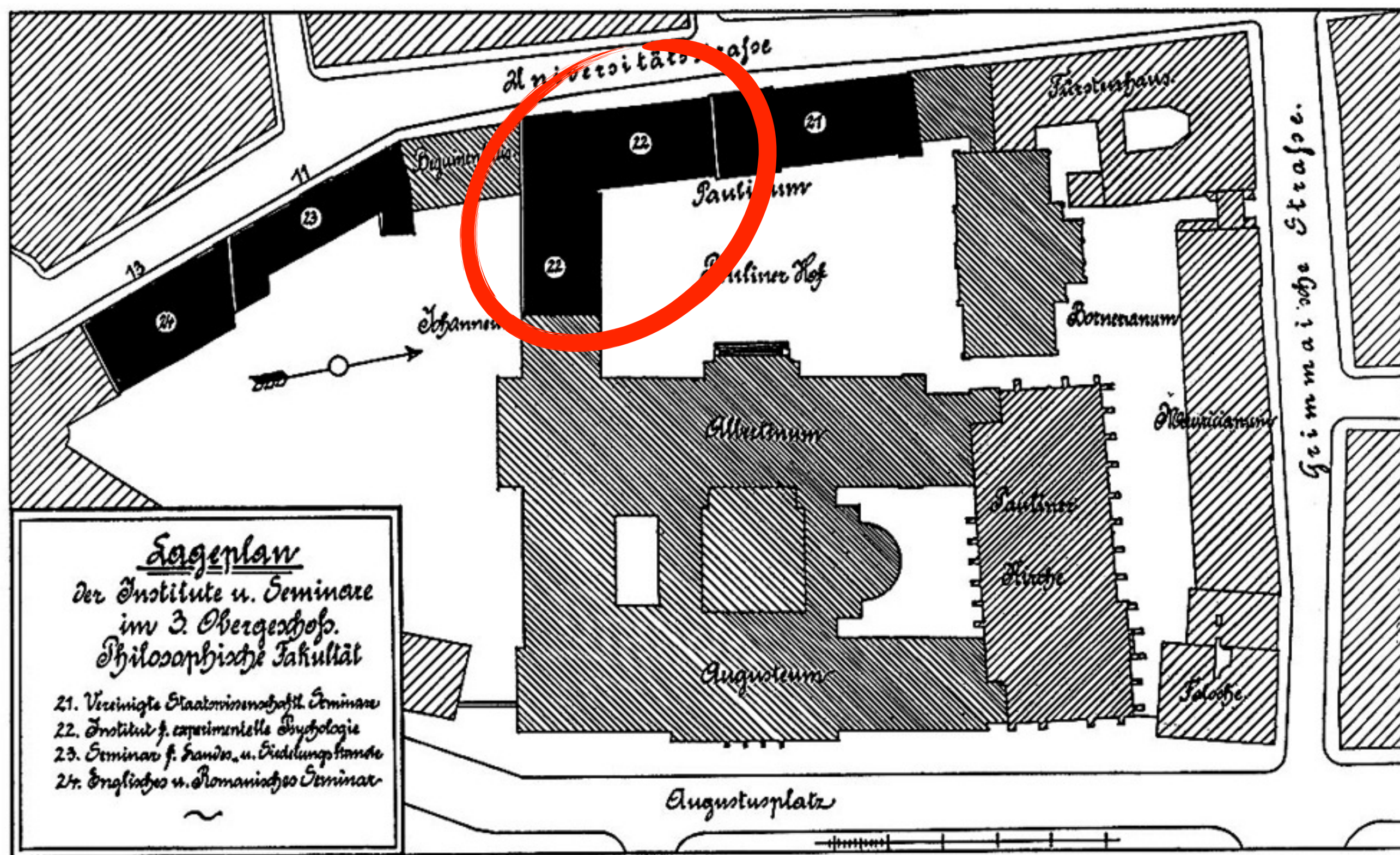




Posluchárna A byla určena pro 500 posluchačů, menší posluchárna B pro 100. Wundtova pracovna je označena číslem 3. Všechny místnosti byly propojeny telefonními kabely (dnes bychom takové propojení nazvali datovou sítí).

IV, 1

Taf. XIX



Johaneum a Paulinium
 (1896 - 1943)

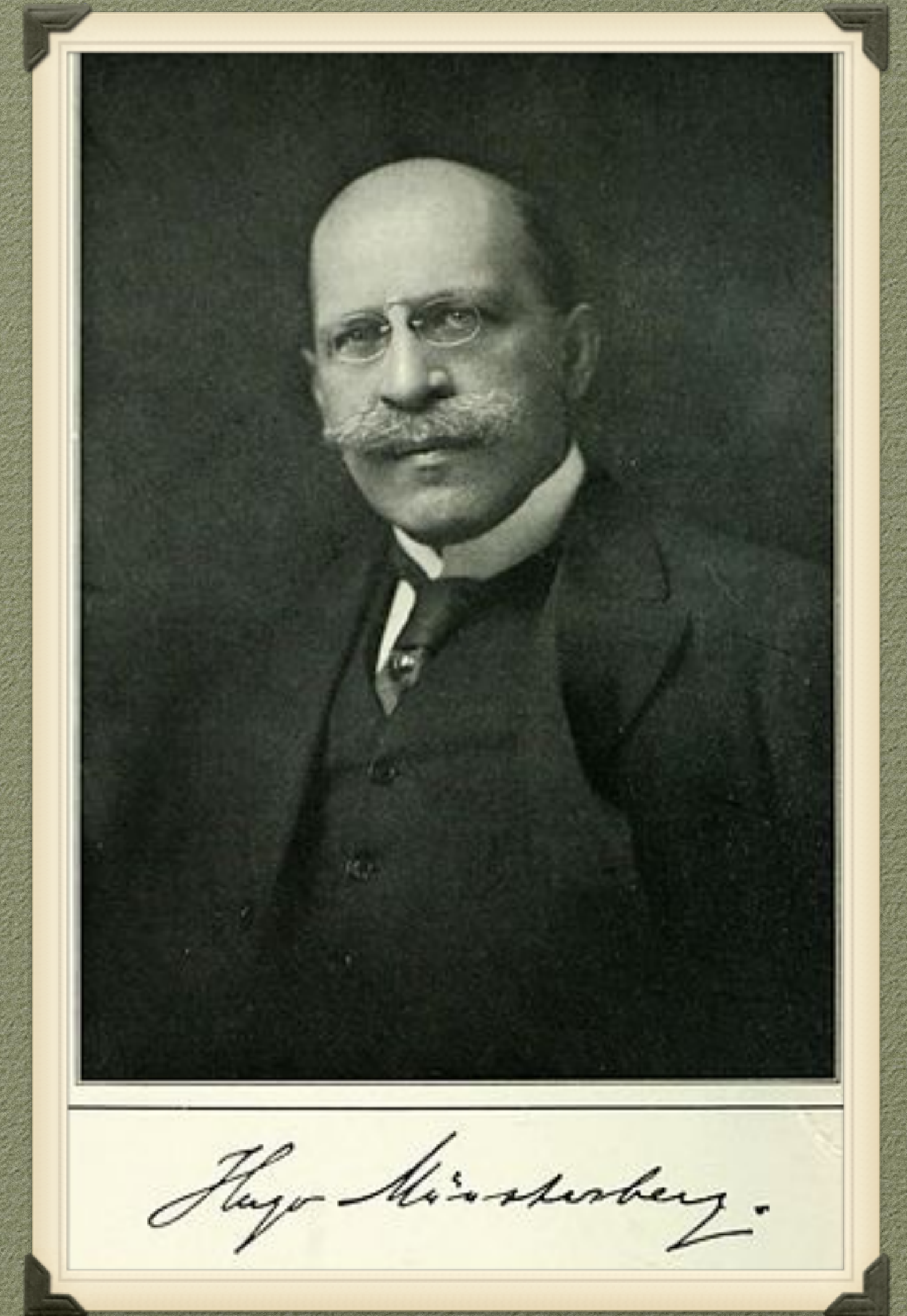


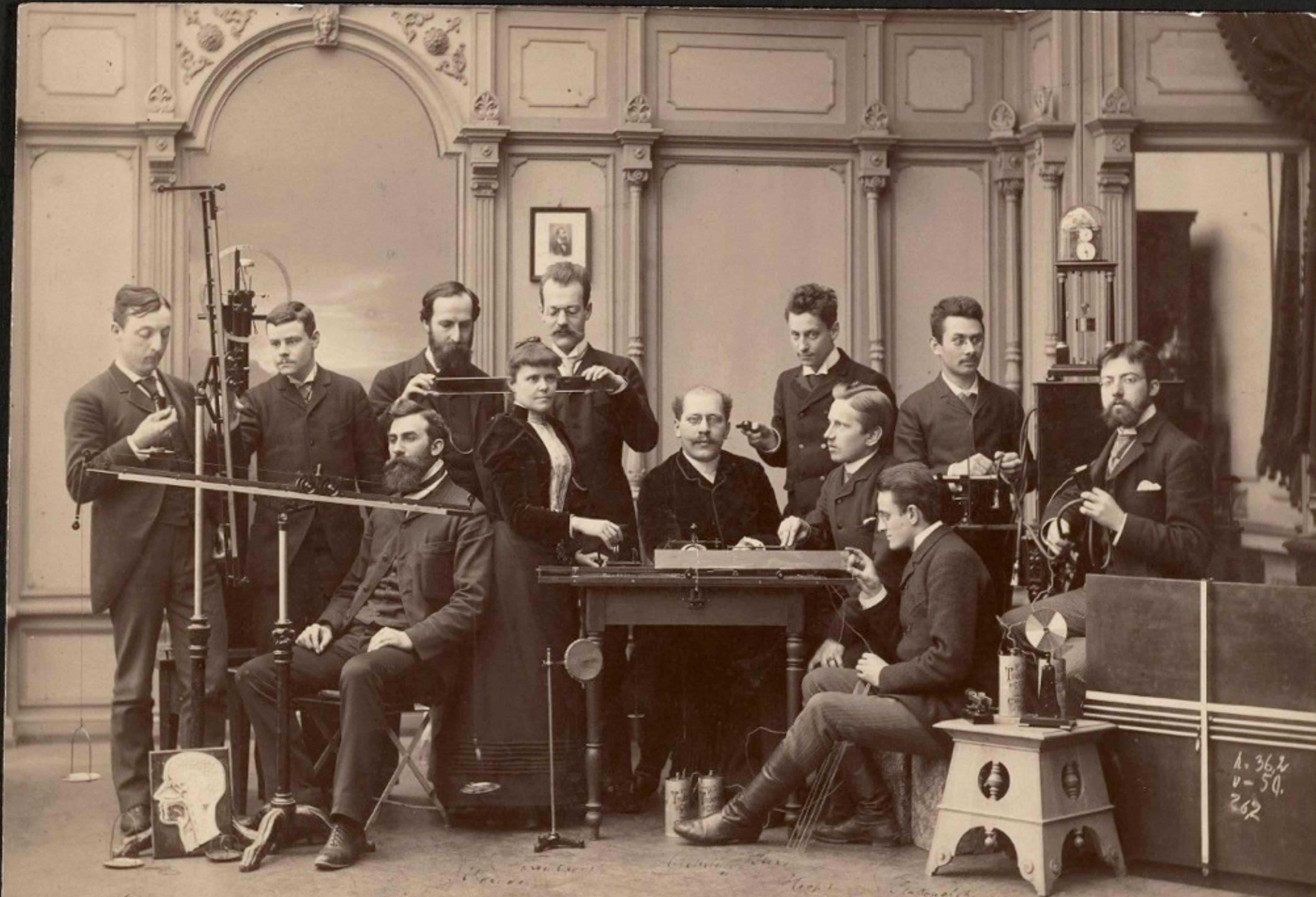
McK. Cattell 1888: “Wundt v Lipsku stanovil vzor, který následují další univerzity. Psychologické laboratoře byly založeny nebo jsou plánovány v Berlíně, Bonnu, Göttingenu; v Americe na univerzitách: Johns Hopkins, Harvard, Pensylvánie a Princeton; v Anglii v Cambridge; stejně tak v Kodani a dalších centrech.

HUGO MÜNSTERBERG

(1863 - 1916)

- v r. 1887 zakládá psych. lab. ve Freiburgu a žení se
- od 1892 vedoucí psychologické laboratoře na Harvardu
- bývá považován za zakladatele aplikované psychologie
 - forezní, klinické, průmyslové psychologie





Münsterberg, Freiburg (1892)

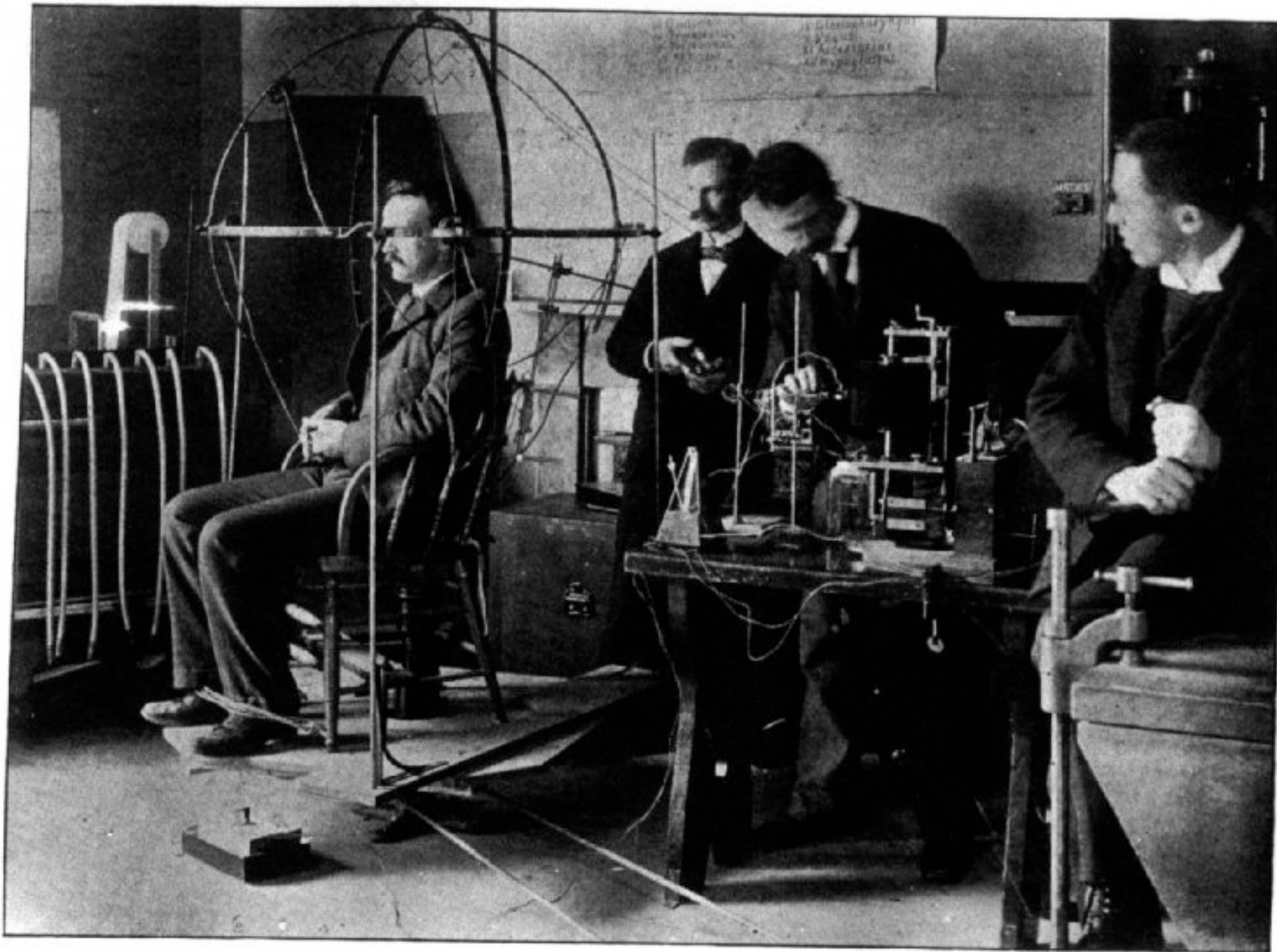
Herr Prof. James mit verschiedenen Leuten aus dem Freiburger Laboratorium für exper. Psychol. von Hugo Münsterberg



Psychologická laboratoř, Harvard (1892)

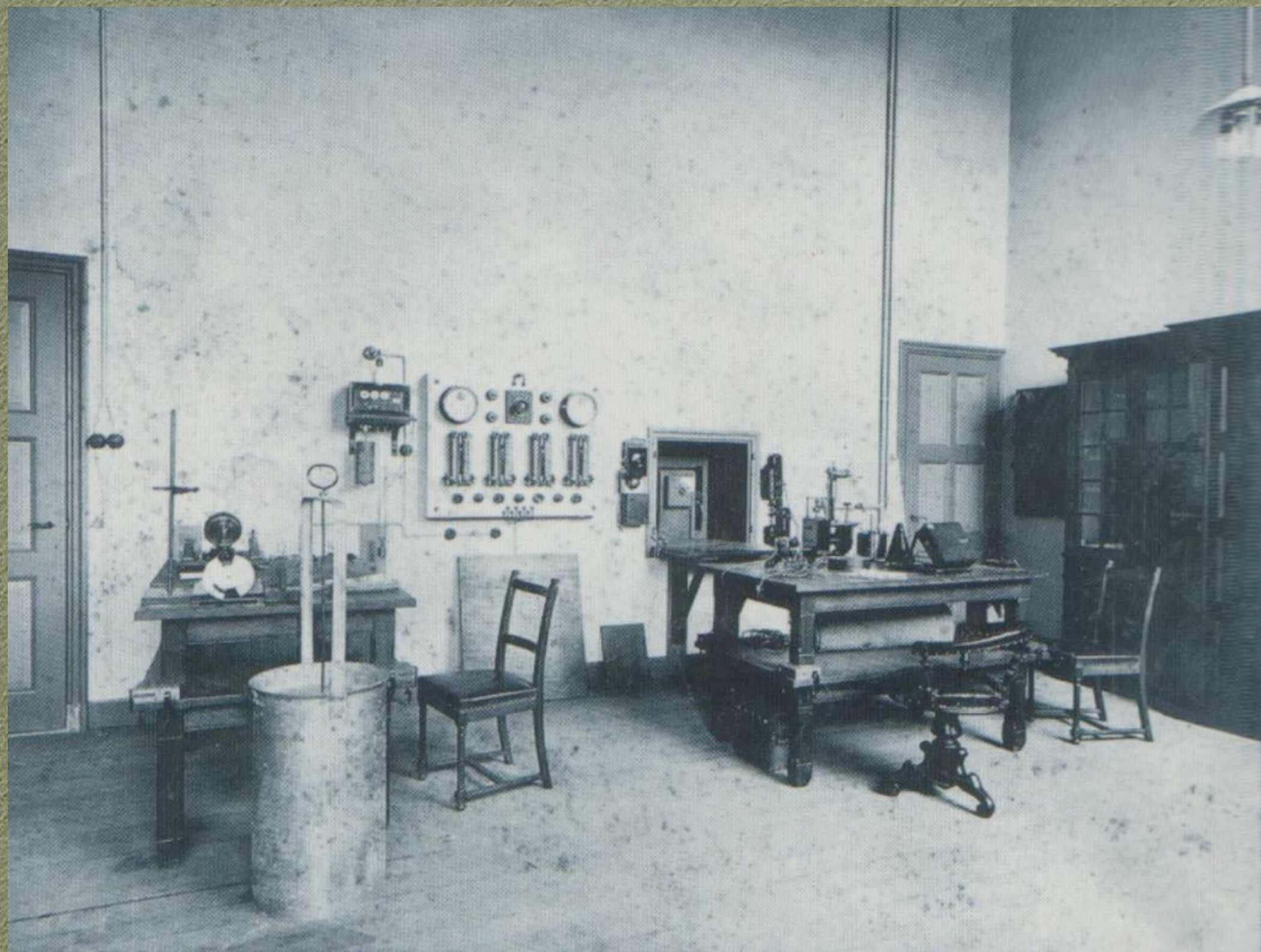


Psychologická laboratoř, Harvard (1892)



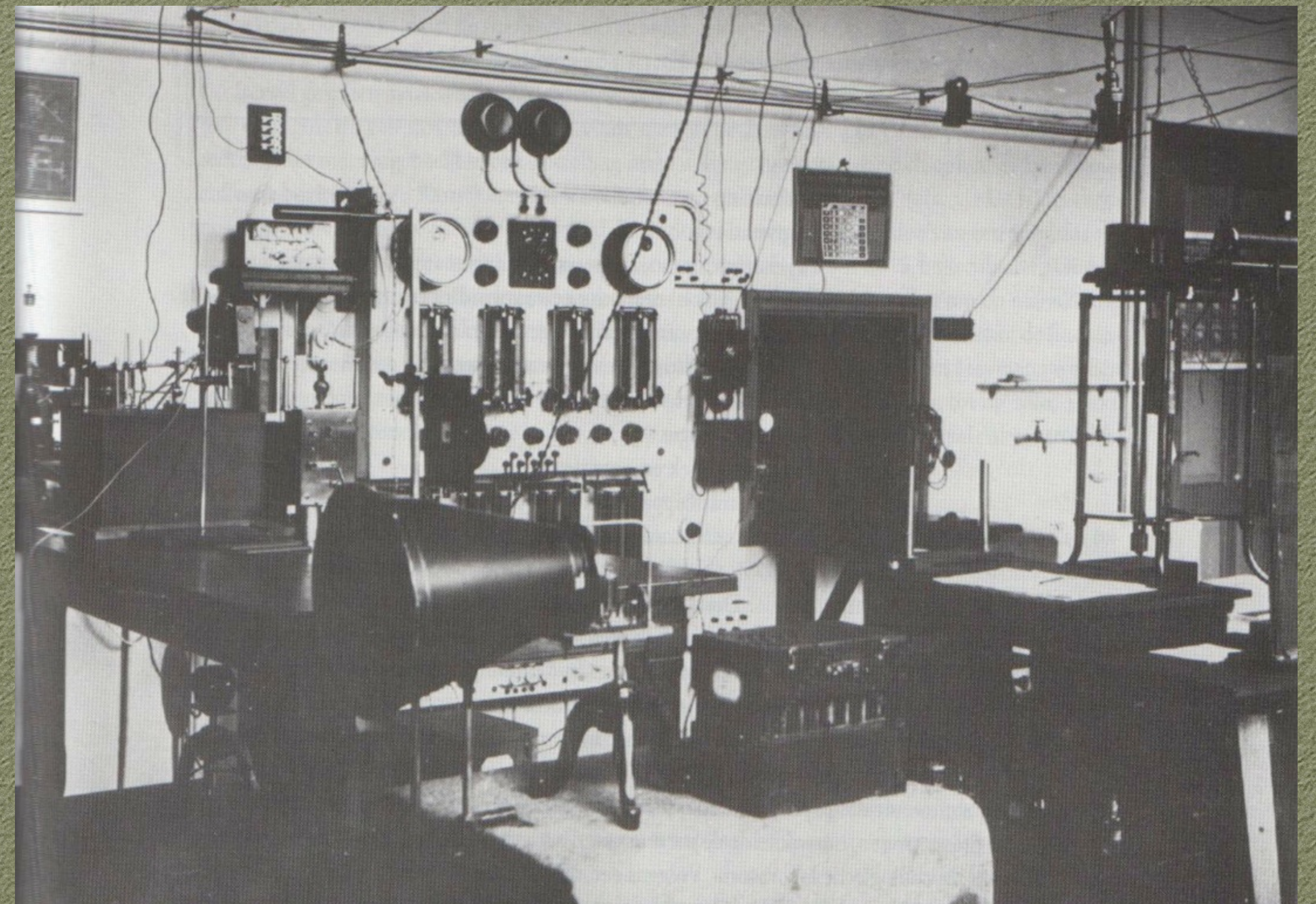
Interior of a Laboratory Room.
([illegible]... of sound.)

Psychologická laboratoř, Harvard (1892)



Groningen 1914

Groningen 1932



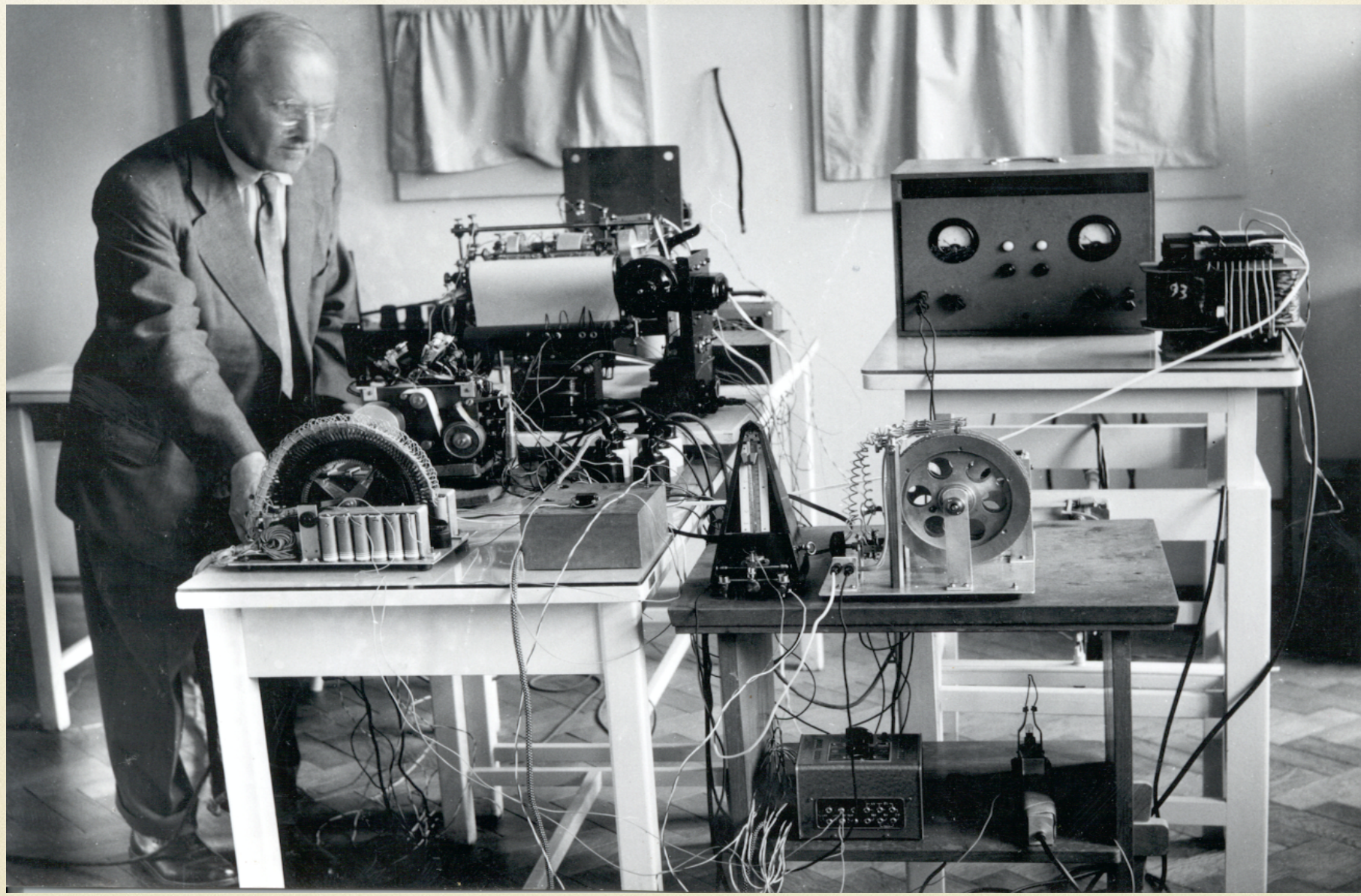
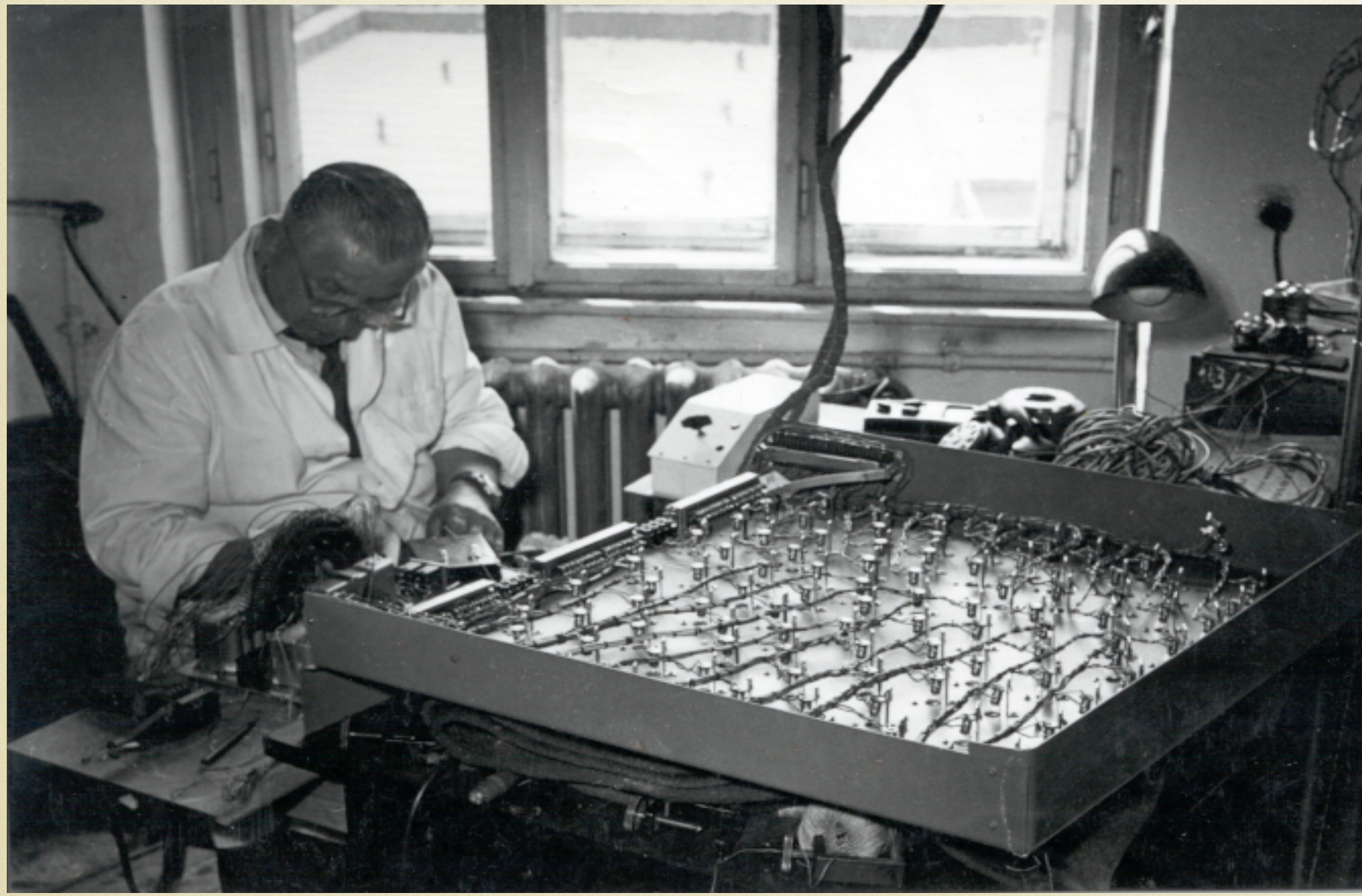
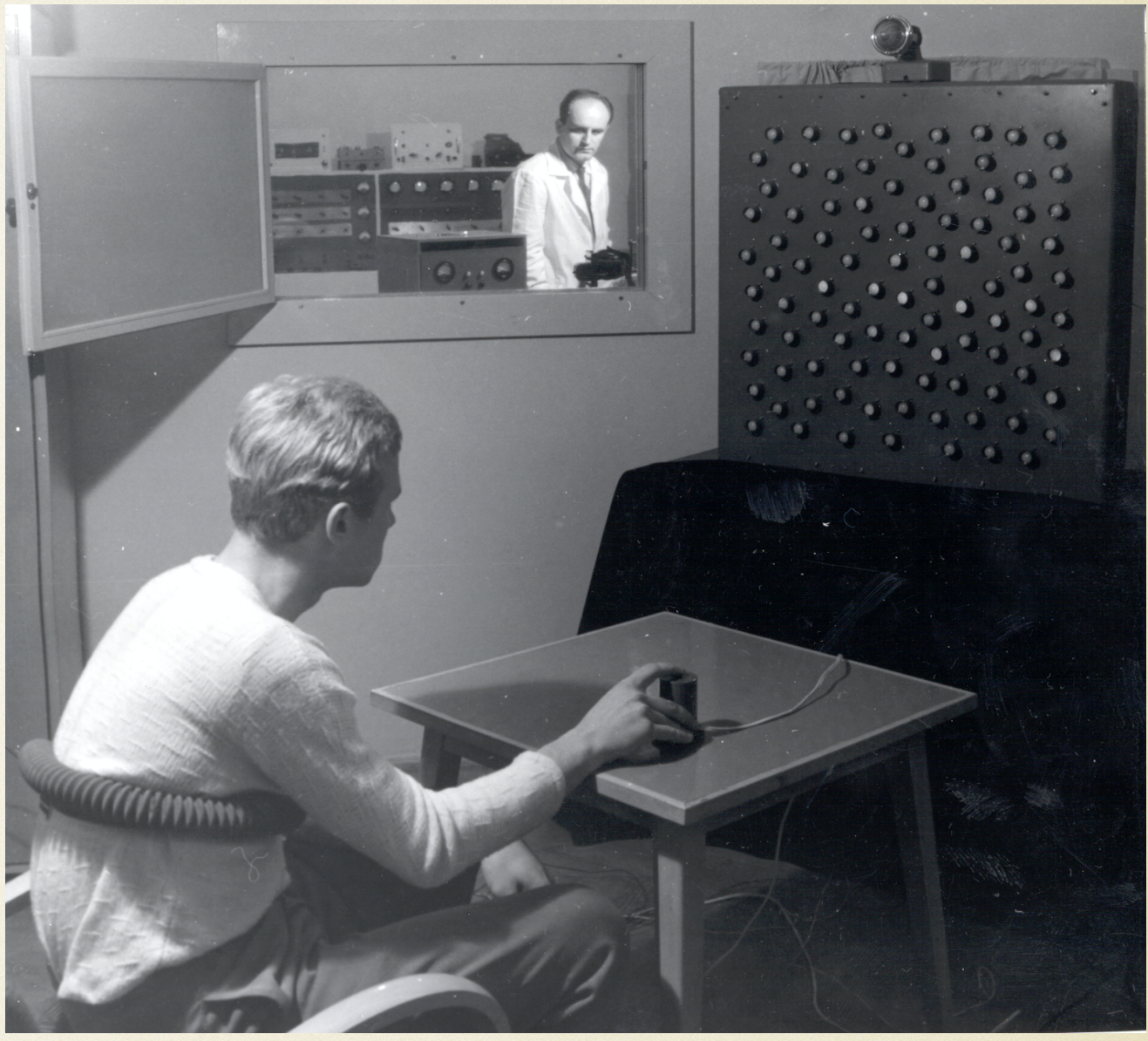
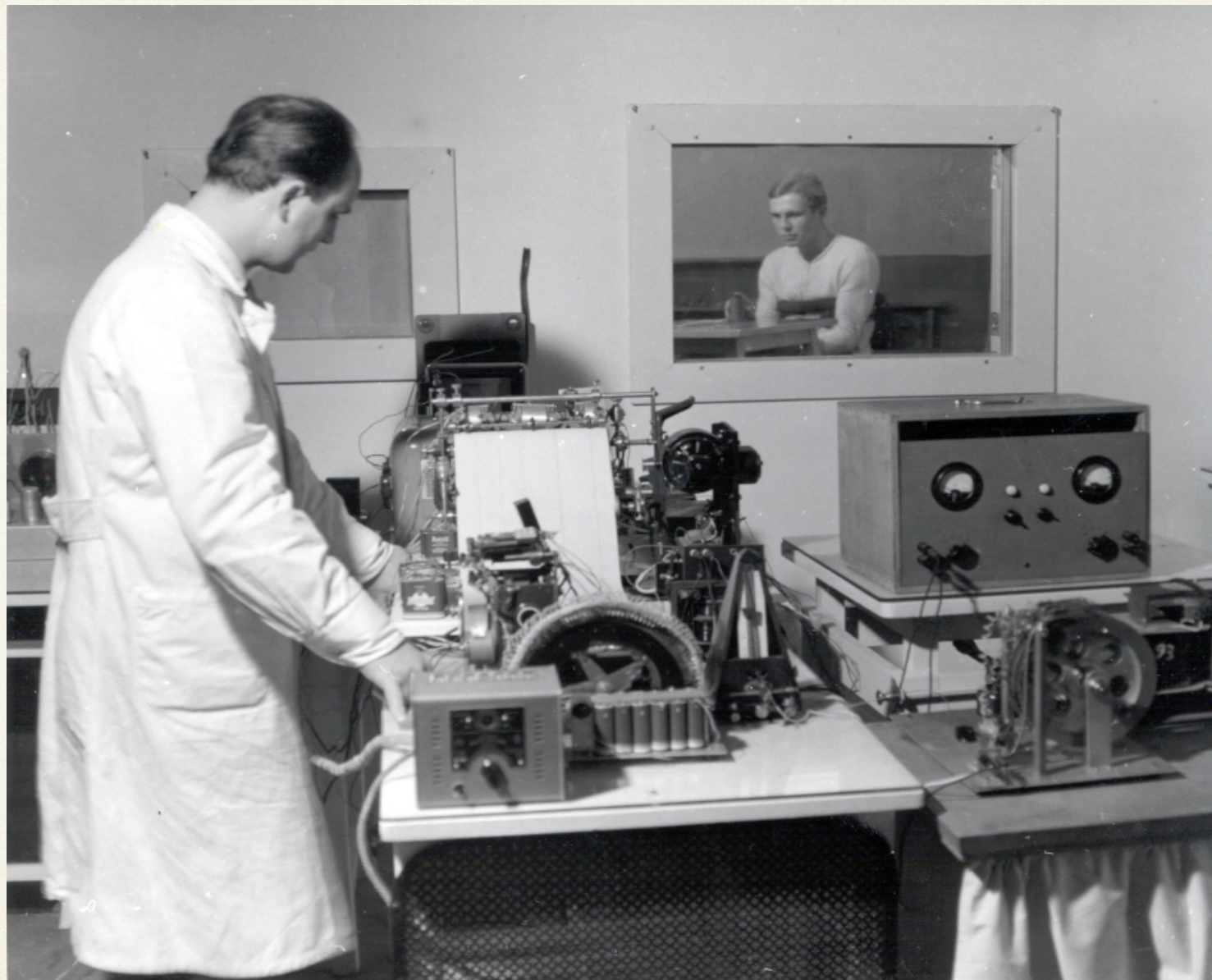
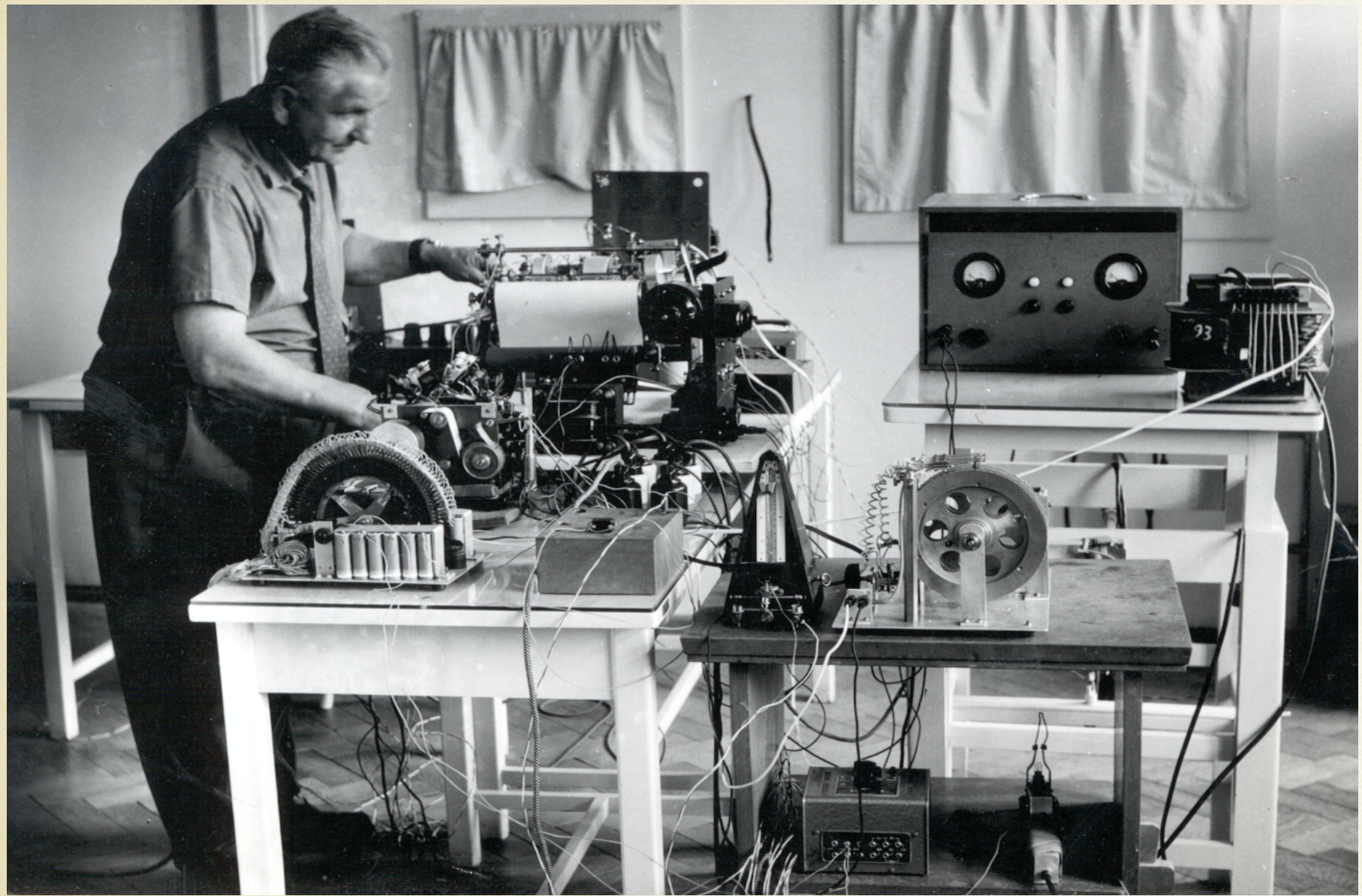
Leipzig

Prague, 1912

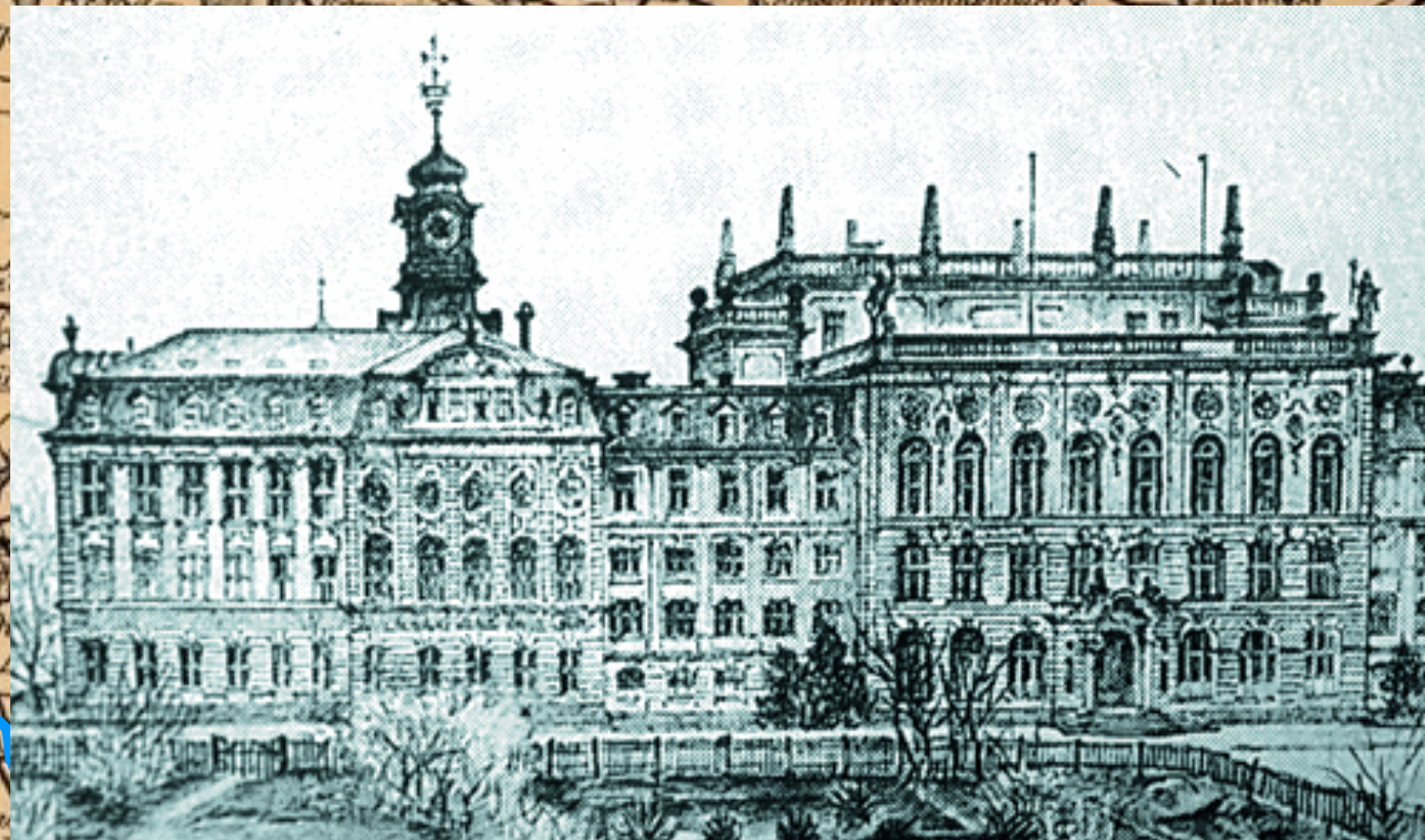
Brno, 1926

- Prof. Rostohar, student Prof. Wundta, založil psychologické laboratoře v Praze, Brně a v Lublani.





Léto 1910

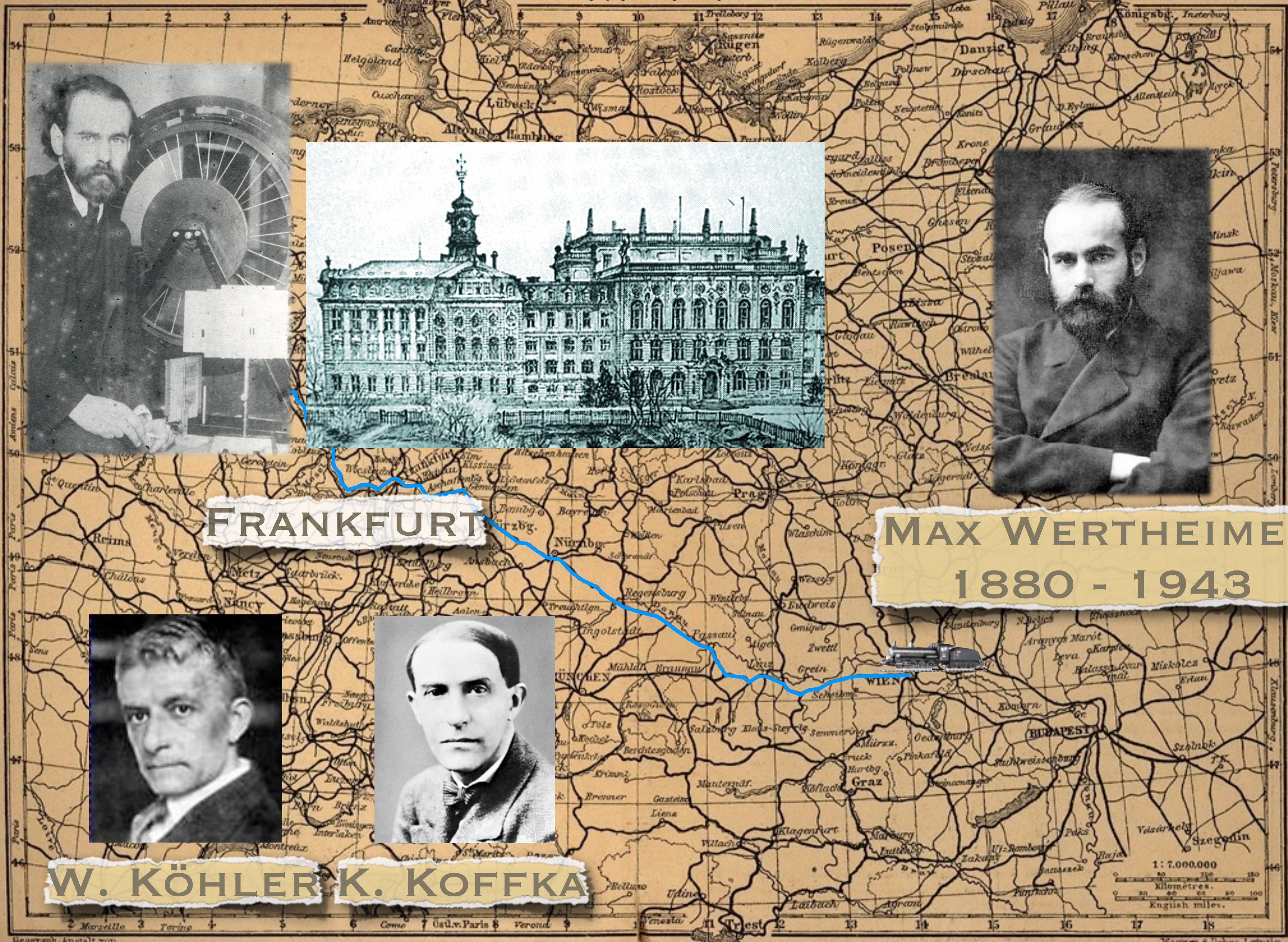


FRANKFURT

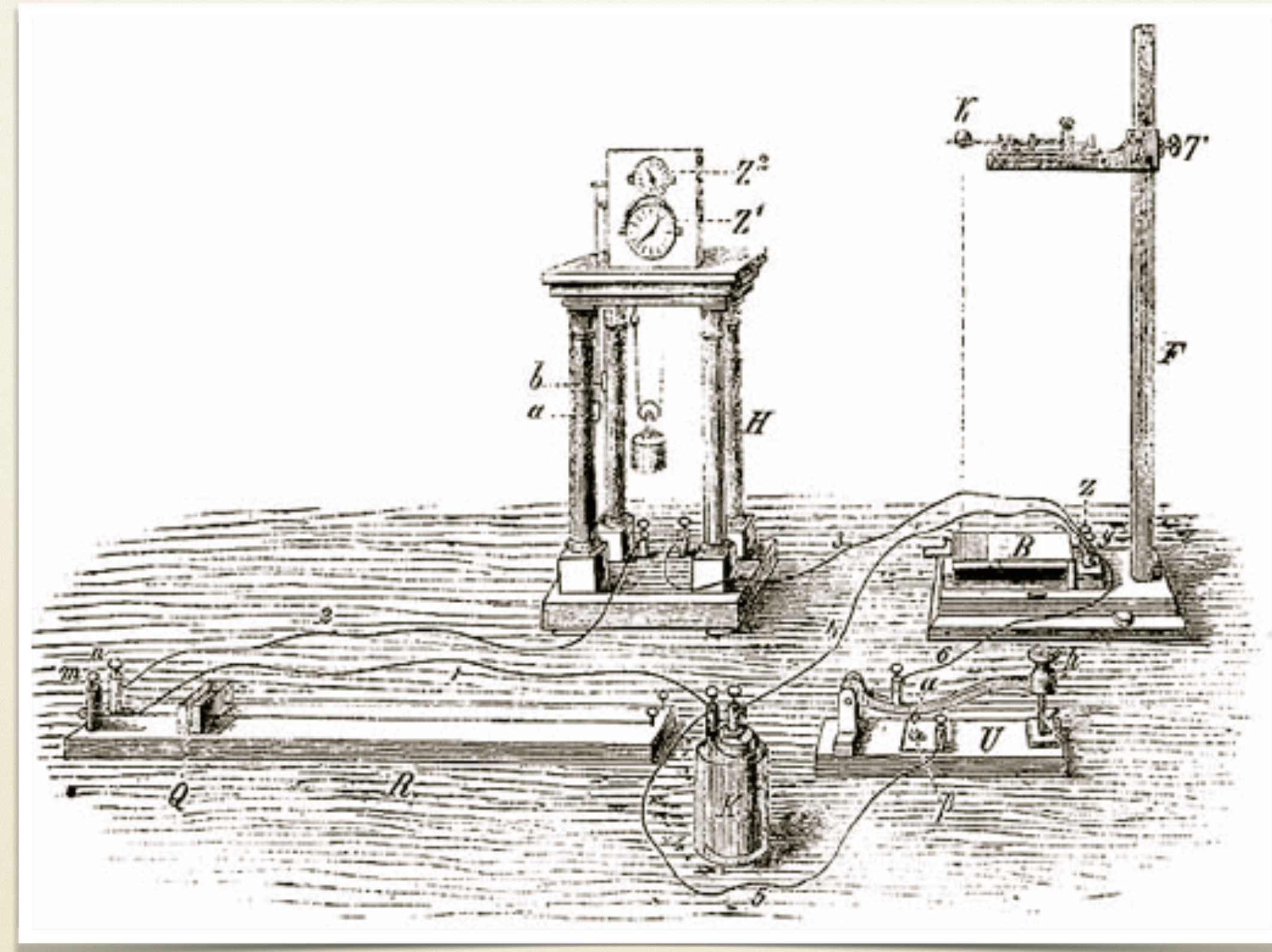
MAX WERTHEIMER
1880 - 1943



W. KÖHLER K. KOFFKA

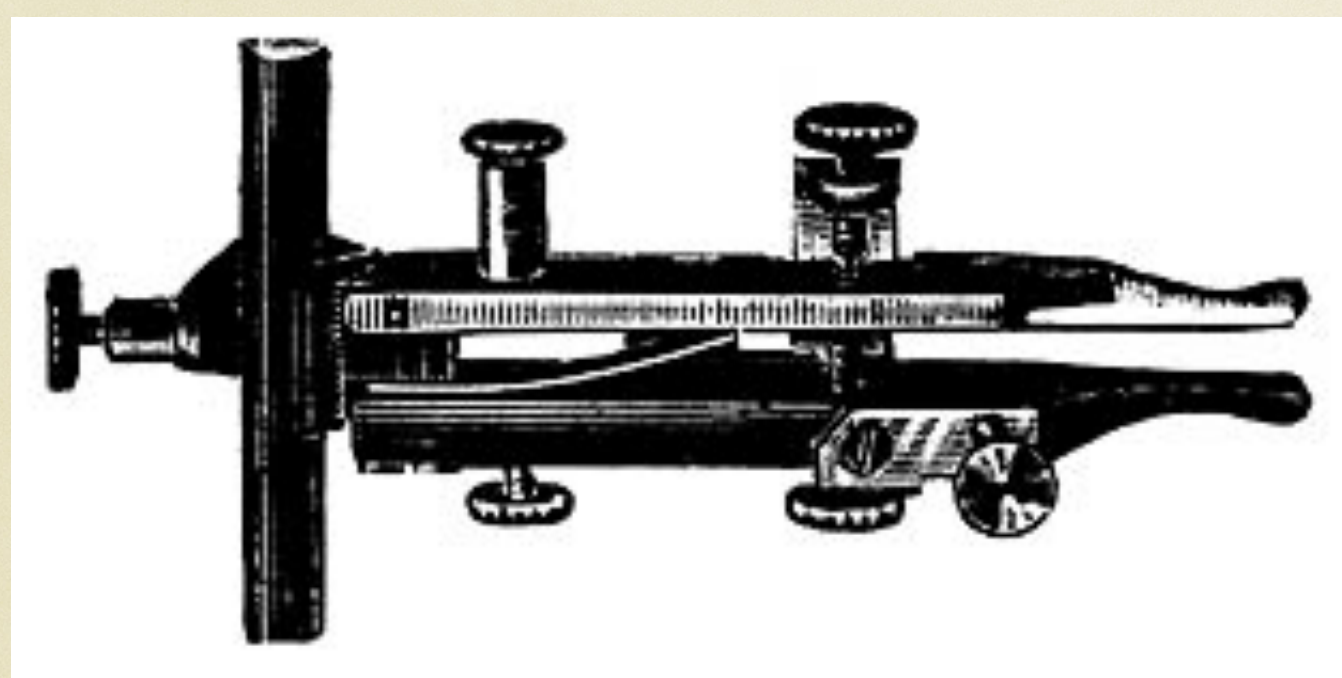
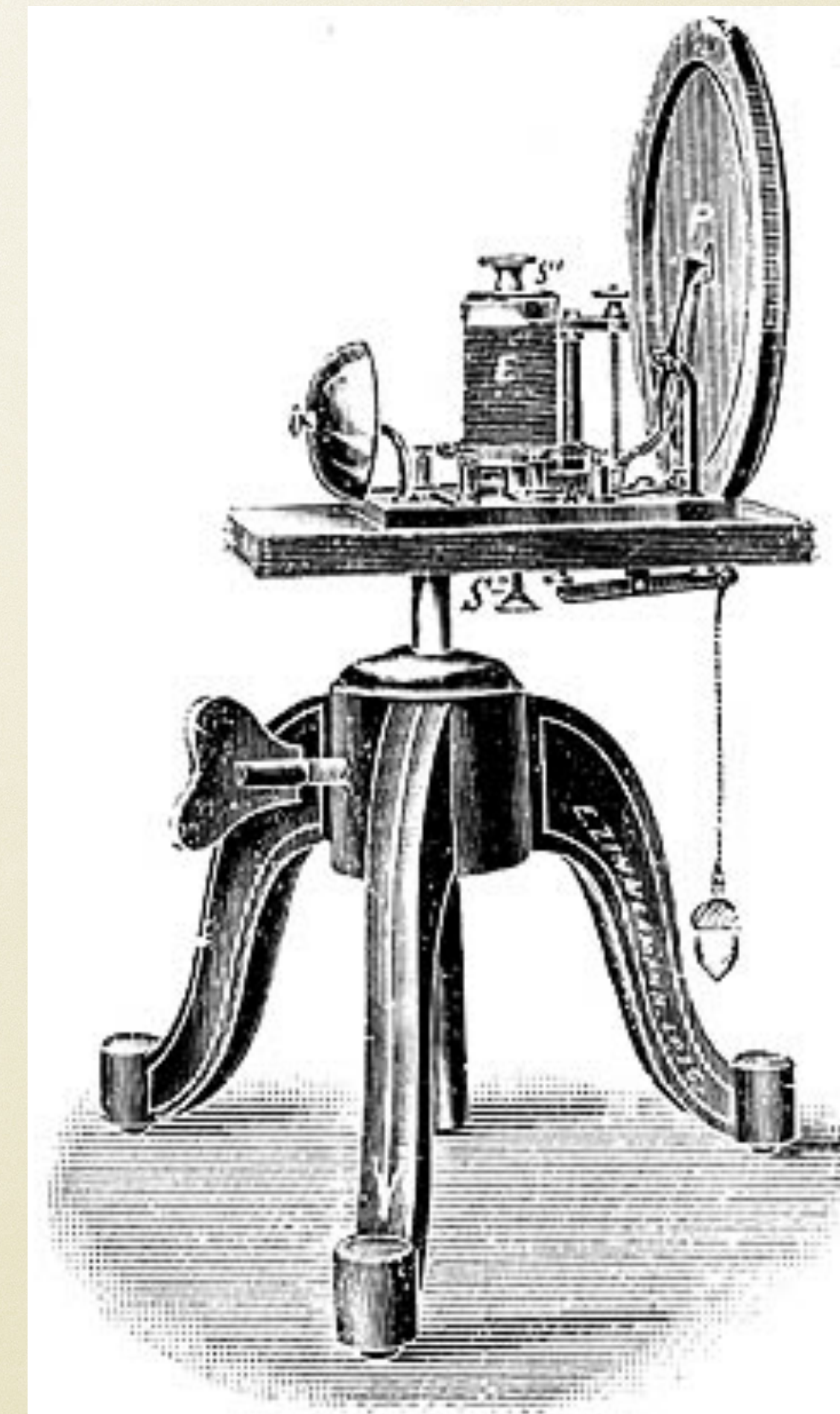
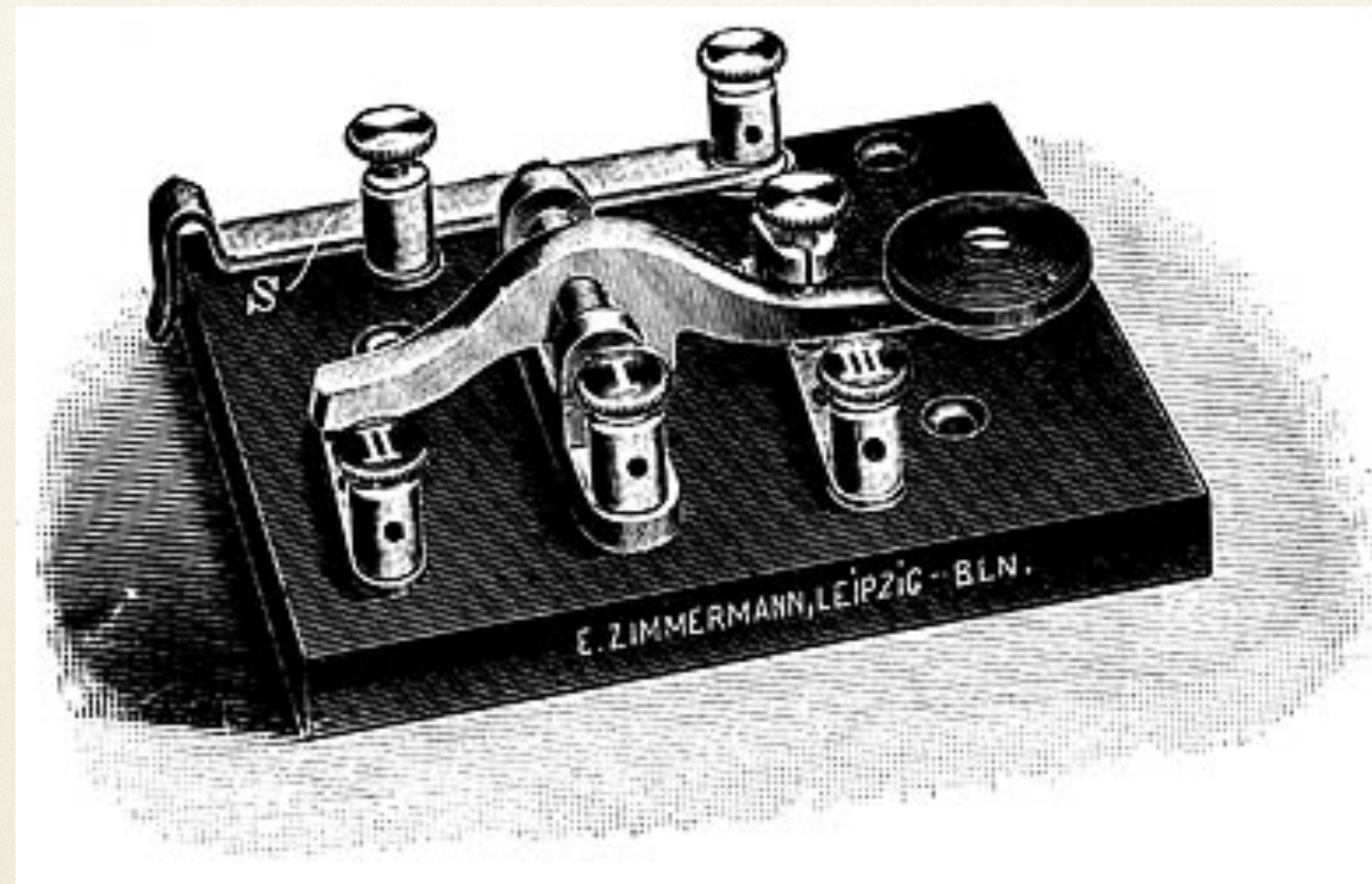
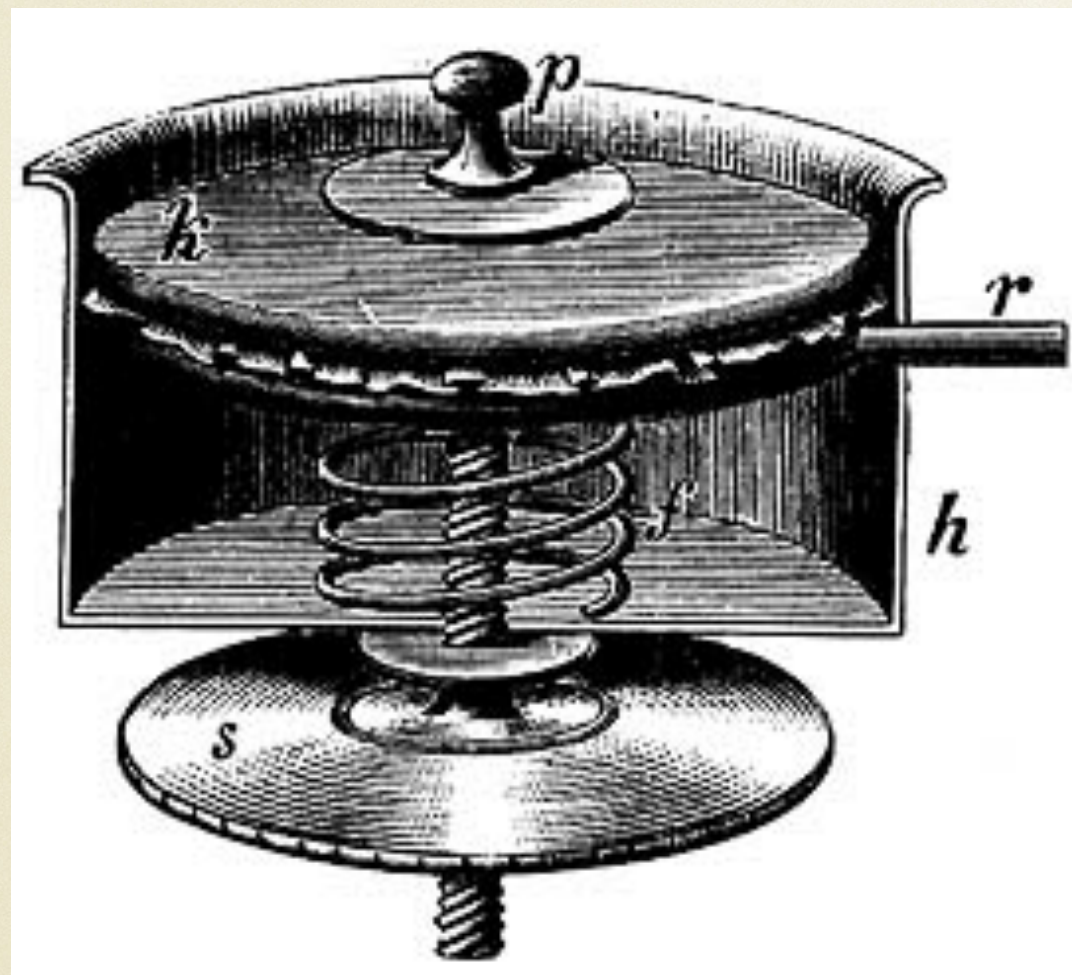


První experimenty: prosinec 1879
První studenti: G. Stanley Hall a Max Friedrich



Max Friedrich disertační práce “Über die Apperceptionsdauer bei zusammengesetzten Vorstellungen” (O trvání apercepce u kombinovanch představ)

„Od grafické autoregistrace zvukovým klíčem Roemerovým ve spojení s elektromagnetickým značkovačem a chronografem Jaquetovým bylo upuštěno ...“ (Chmelař, 1935 str. 32).





No. 730. Pendulum clock with clock mechanism. No. 731. Large circular dial with scale. No. 732. Mechanical device with gears and pulleys.

E. ZIMMERMANN

Apparate für Psychologie, Pädagogik, Physiologie, Psychotechnik, Mikrotome
Apparatus for Psychology, Pedagogy, Physiology, Psychotechnica, Microtomes
Appareils pour Psychologie, Pédagogie, Physiologie, Psychotechnique, Microtomes
Aparatos de Psicología, Pedagogía, Fisiología, Psicotécnica, Micrótomos

Copyright 1907 - Established 1837 - State of Saxony in 1837 - Carl-Zschacke 1837

LEIPZIG O 27 BERLIN NW 6

Wasserturstraße 35 Kathstraße 5a

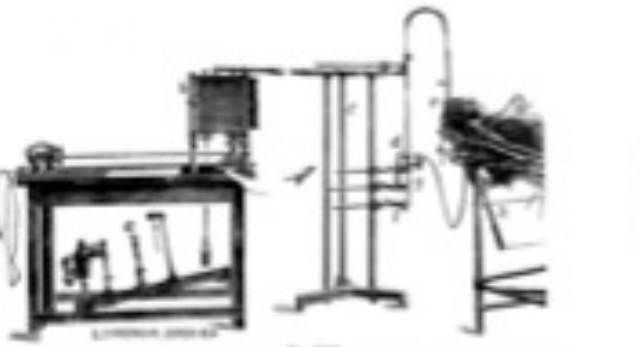
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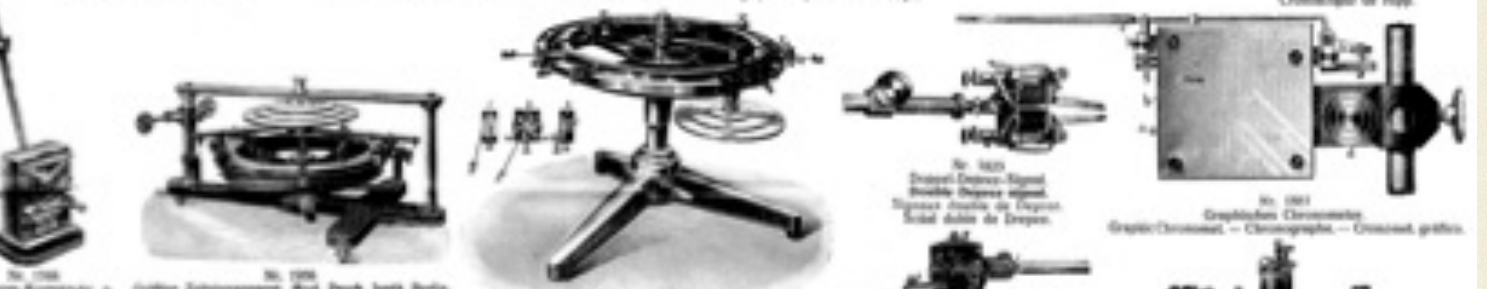
No. 120. Large circular dial with scale. No. 121. Mechanical device with gears and pulleys. No. 122. Vertical stand with platform.



No. 733. Large circular dial with scale. No. 734. Mechanical device with gears and pulleys. No. 735. Vertical stand with platform.



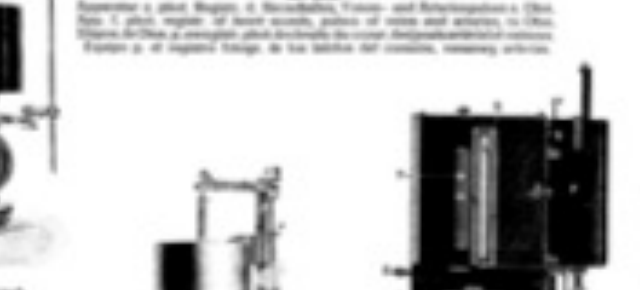
No. 123. Large circular dial with scale. No. 124. Mechanical device with gears and pulleys. No. 125. Vertical stand with platform.



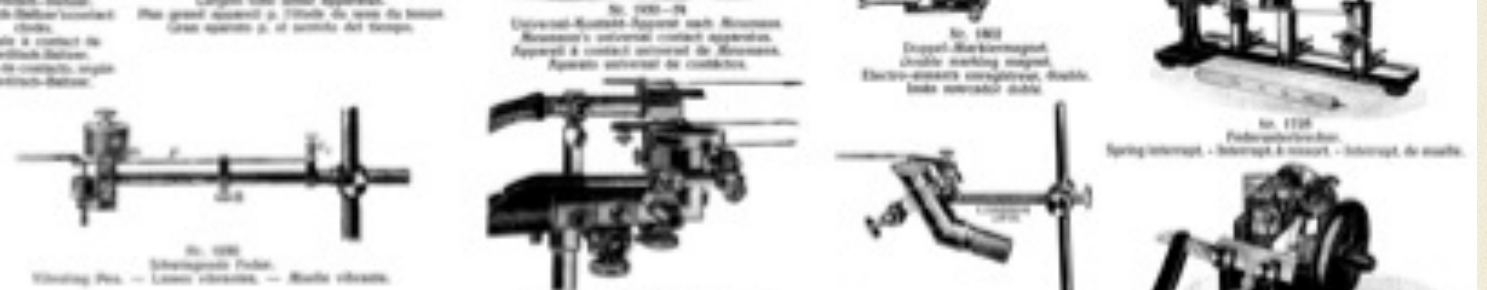
No. 126. Large circular dial with scale. No. 127. Mechanical device with gears and pulleys. No. 128. Vertical stand with platform.



No. 736. Large circular dial with scale. No. 737. Mechanical device with gears and pulleys. No. 738. Vertical stand with platform.



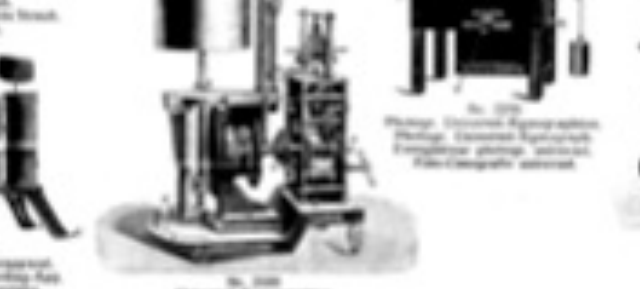
No. 129. Large circular dial with scale. No. 130. Mechanical device with gears and pulleys. No. 131. Vertical stand with platform.



No. 132. Large circular dial with scale. No. 133. Mechanical device with gears and pulleys. No. 134. Vertical stand with platform.



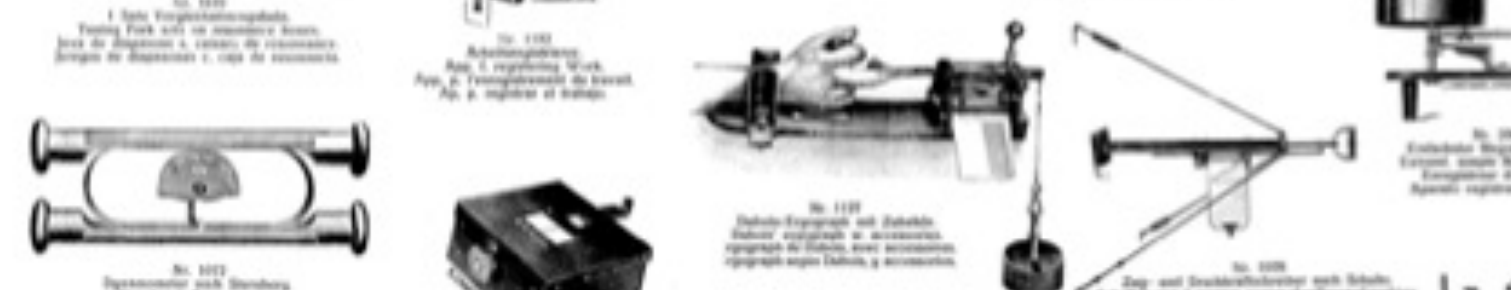
No. 739. Large circular dial with scale. No. 740. Mechanical device with gears and pulleys. No. 741. Vertical stand with platform.



No. 135. Large circular dial with scale. No. 136. Mechanical device with gears and pulleys. No. 137. Vertical stand with platform.



No. 138. Large circular dial with scale. No. 139. Mechanical device with gears and pulleys. No. 140. Vertical stand with platform.



No. 742. Large circular dial with scale. No. 743. Mechanical device with gears and pulleys. No. 744. Vertical stand with platform.



No. 141. Large circular dial with scale. No. 142. Mechanical device with gears and pulleys. No. 143. Vertical stand with platform.



No. 144. Large circular dial with scale. No. 145. Mechanical device with gears and pulleys. No. 146. Vertical stand with platform.



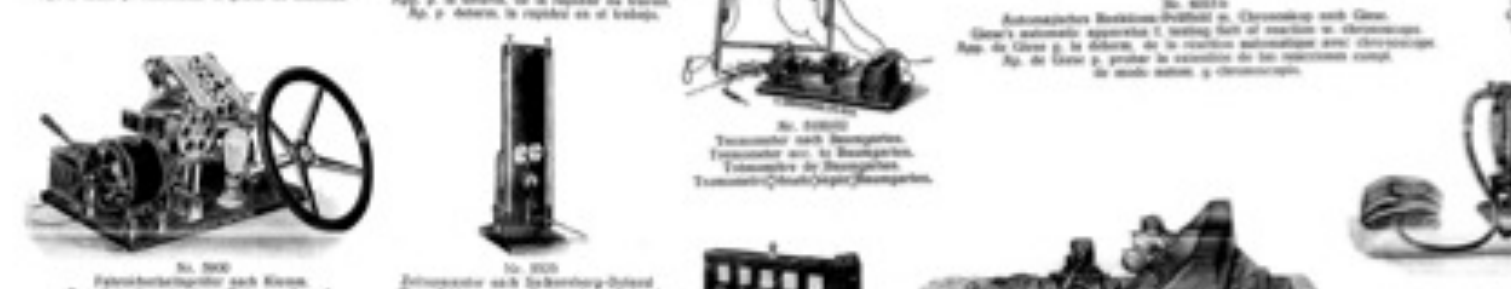
No. 745. Large circular dial with scale. No. 746. Mechanical device with gears and pulleys. No. 747. Vertical stand with platform.



No. 147. Large circular dial with scale. No. 148. Mechanical device with gears and pulleys. No. 149. Vertical stand with platform.



No. 150. Large circular dial with scale. No. 151. Mechanical device with gears and pulleys. No. 152. Vertical stand with platform.



No. 748. Large circular dial with scale. No. 749. Mechanical device with gears and pulleys. No. 750. Vertical stand with platform.



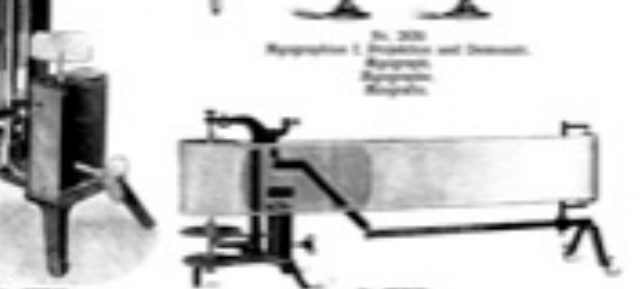
No. 153. Large circular dial with scale. No. 154. Mechanical device with gears and pulleys. No. 155. Vertical stand with platform.



No. 156. Large circular dial with scale. No. 157. Mechanical device with gears and pulleys. No. 158. Vertical stand with platform.



No. 751. Large circular dial with scale. No. 752. Mechanical device with gears and pulleys. No. 753. Vertical stand with platform.



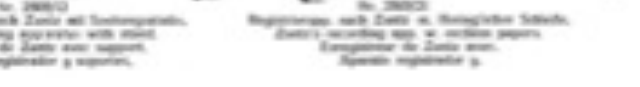
No. 159. Large circular dial with scale. No. 160. Mechanical device with gears and pulleys. No. 161. Vertical stand with platform.



No. 162. Large circular dial with scale. No. 163. Mechanical device with gears and pulleys. No. 164. Vertical stand with platform.



No. 754. Large circular dial with scale. No. 755. Mechanical device with gears and pulleys. No. 756. Vertical stand with platform.



No. 165. Large circular dial with scale. No. 166. Mechanical device with gears and pulleys. No. 167. Vertical stand with platform.



No. 168. Large circular dial with scale. No. 169. Mechanical device with gears and pulleys. No. 170. Vertical stand with platform.

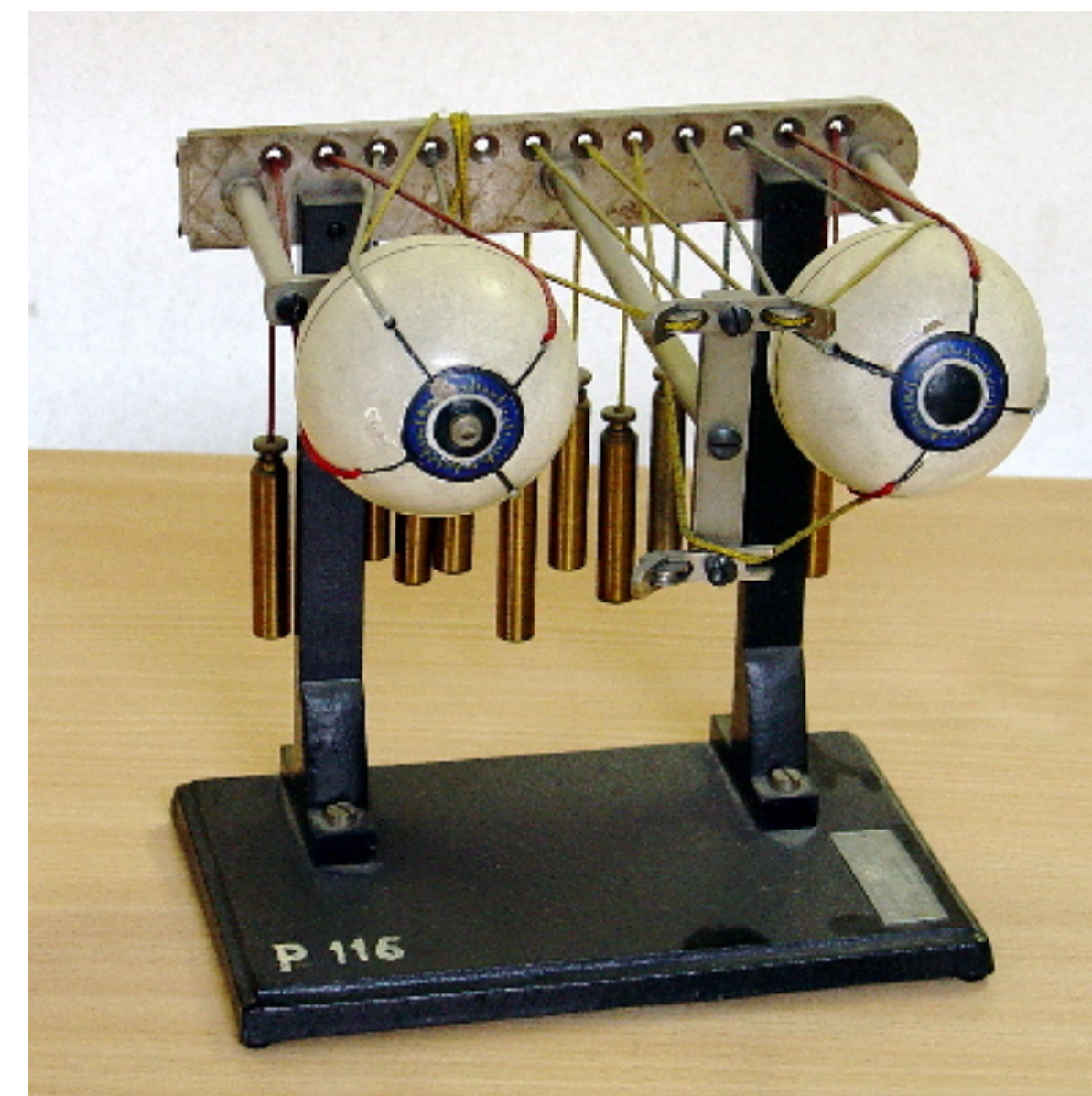
Pražská kolekce



založeno 1912

obsahuje 70 přístrojů

časové období:
~ 1895-1930



Ophthalmotrope (Model of the muscles of the eye)

Brněnská kolekce



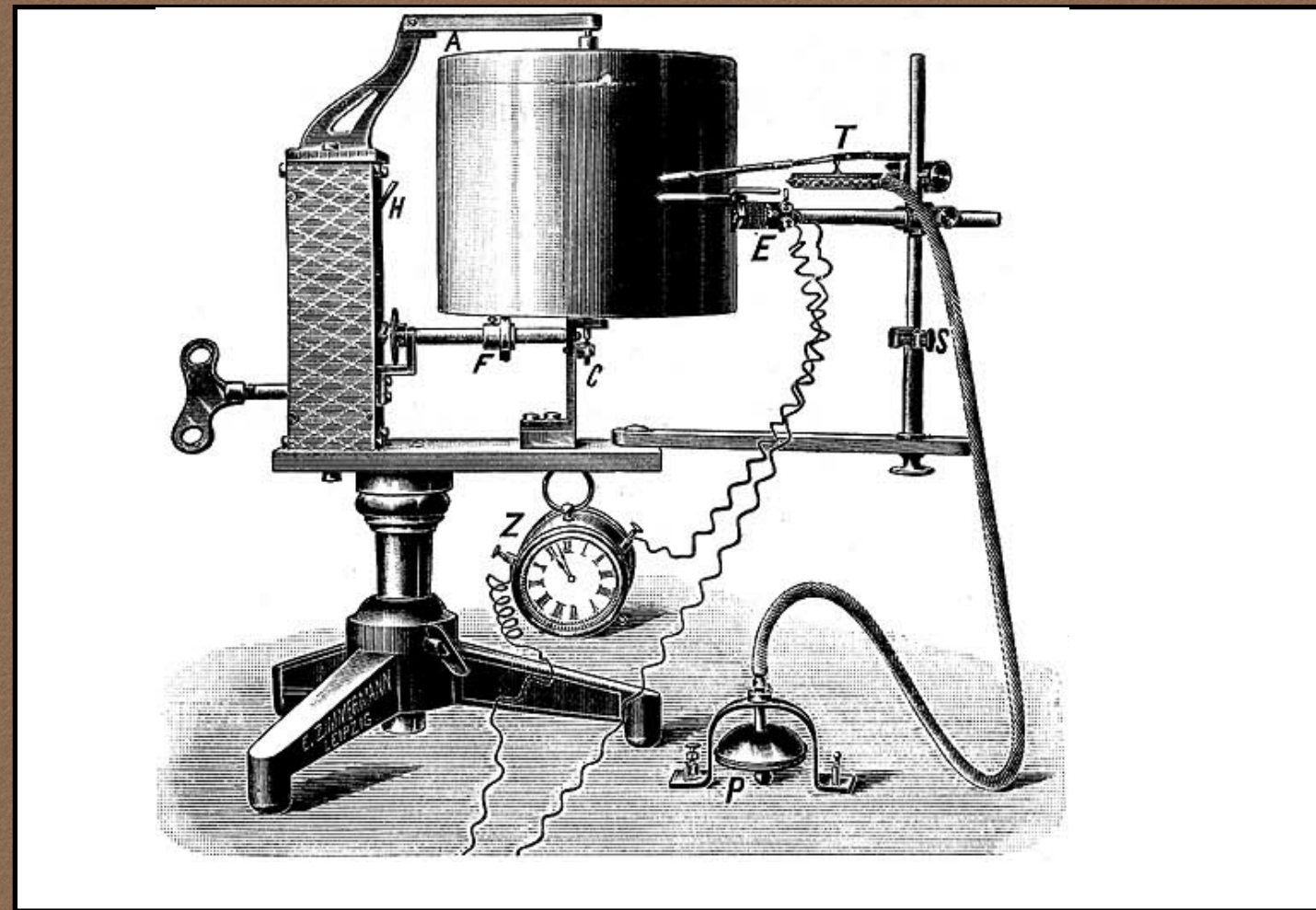
založeno 1926

obsahuje 75 přístrojů

časové období:
~1895-1930



finanční náročnost vybavení



375 M

=



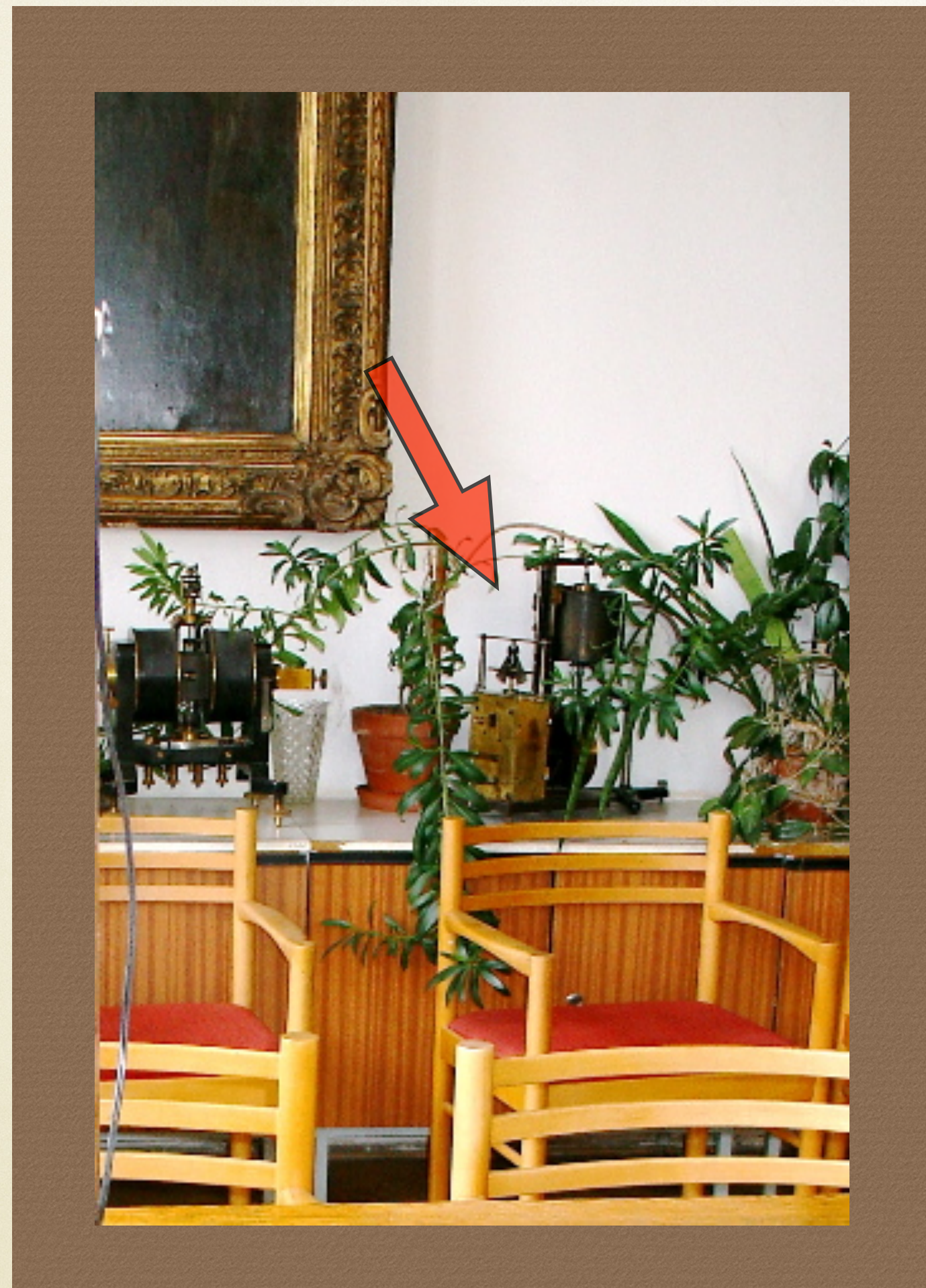
Preis des Gesamt-Apparates: Optischer Apparat, Metronom,

Taster mit Schalter, Leitungen	Mk. 160.—
Akkumulator mit 2 Zellen	„ 56.—
3 Cupron-Elemente	„ 18.—
23 Reizkarten nach Ranschburg zur Untersuchung der Auffassung, Association und des Gedächtnisses	ca. „ 25.—
50 unbedruckte Reizkarten zur Selbstanfertigung	„ 7.50
Für psychophysische Zeitmessungen können geliefert werden:	
Chronoskop nach Hipp	„ 310.—
Rheochord	„ 22.—
Kontrollapparate	Mk. 60.— bis „ 325.—
Wippe	„ 10.—
Reaktions-Taster	Mk. 15.— bis „ 35.—
Akustischer Reiz- und Reaktionsapparat, sogen. Schallschlüssel nach Römer	„ 80.—

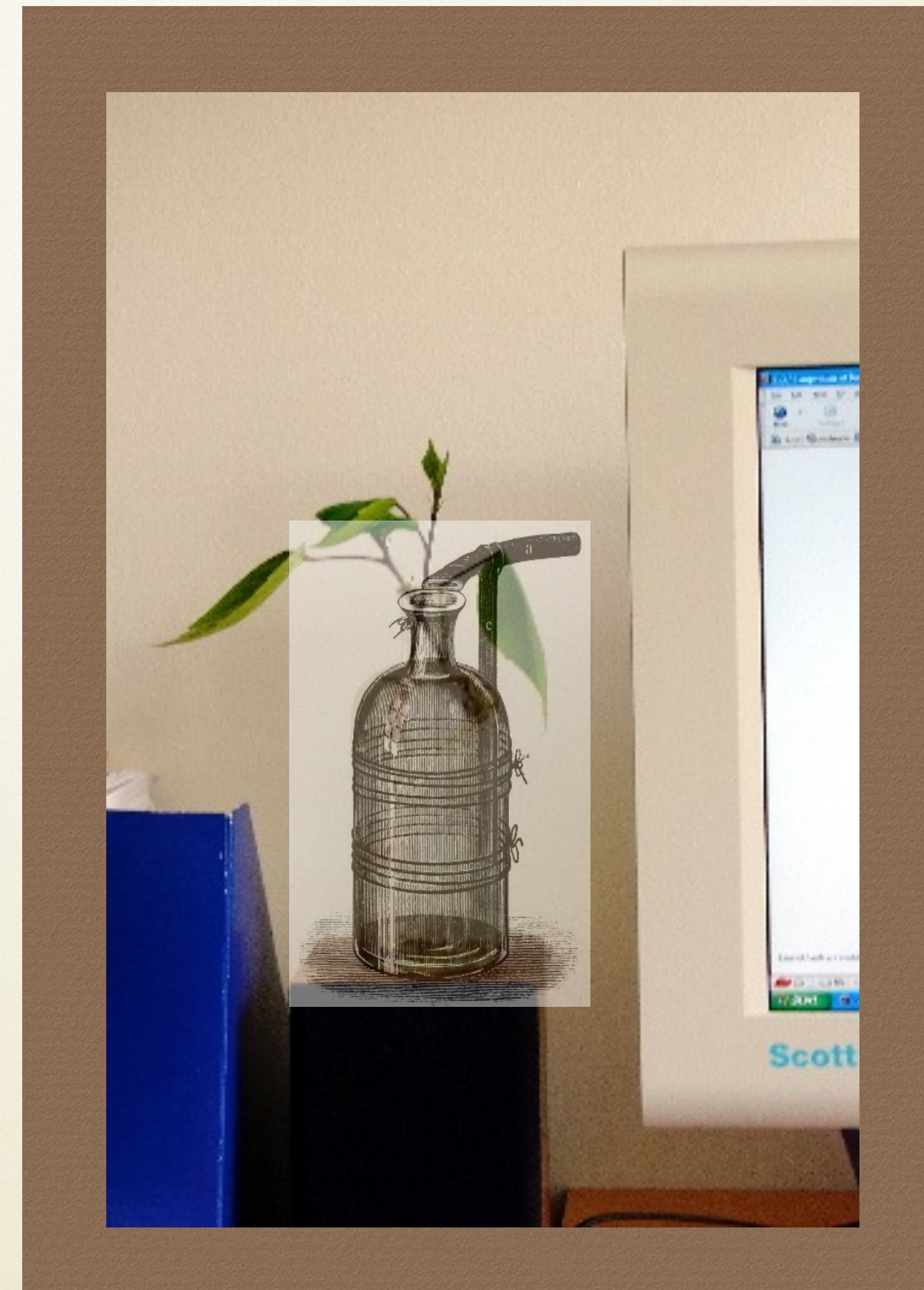
1049 M

=

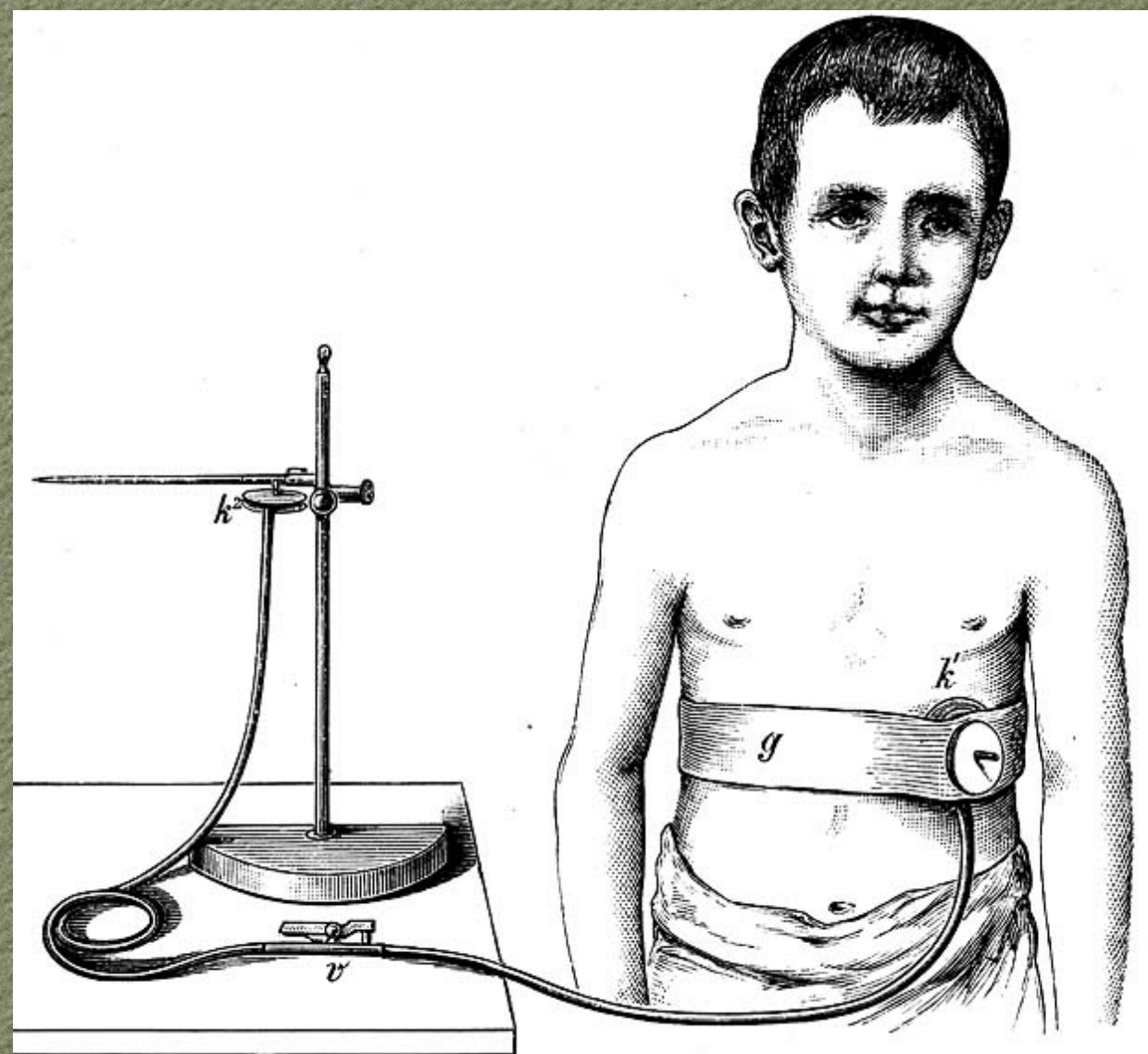




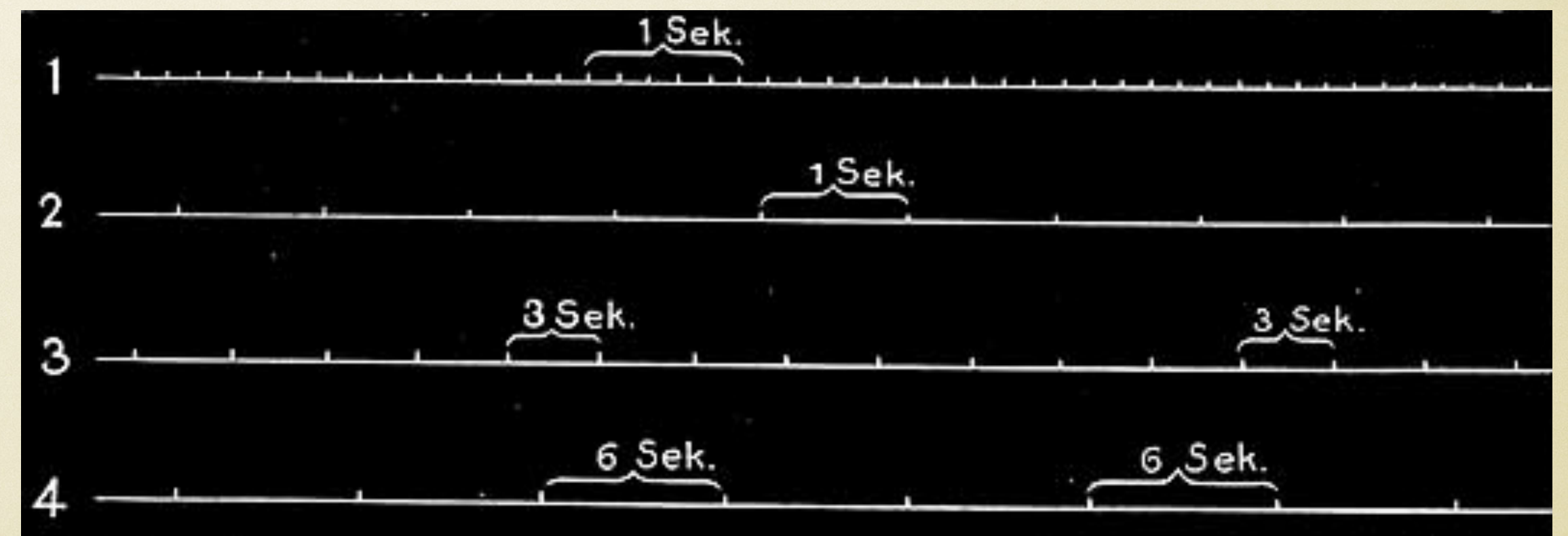
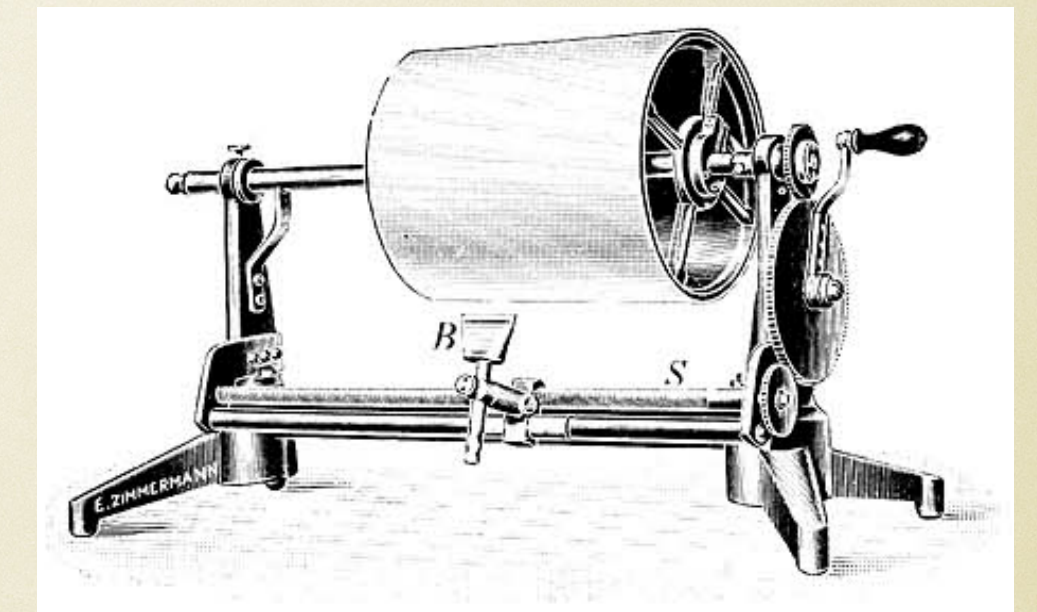
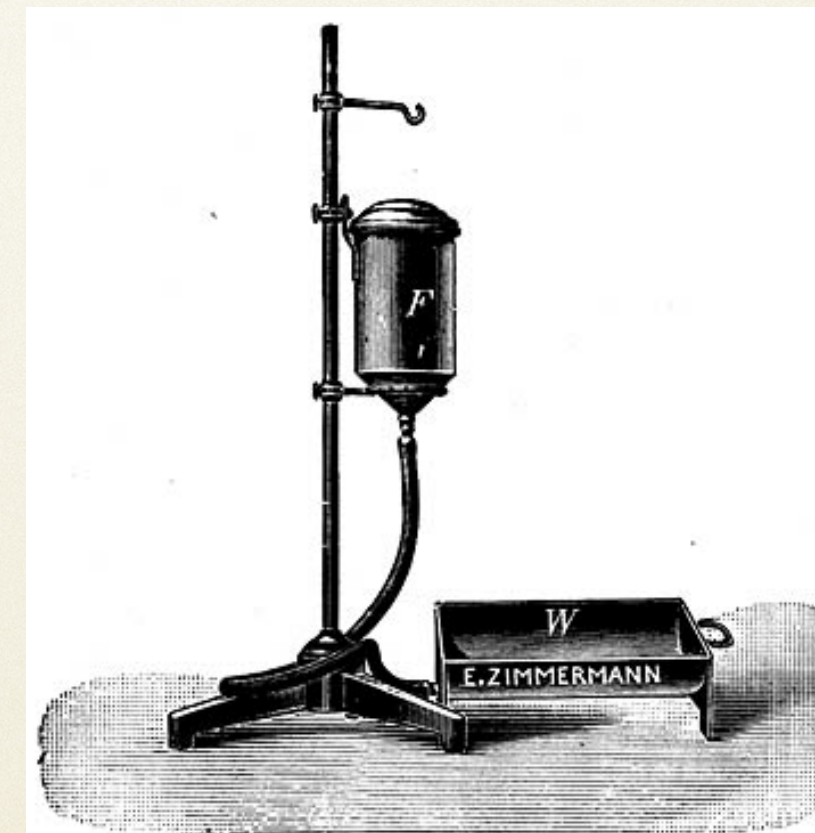
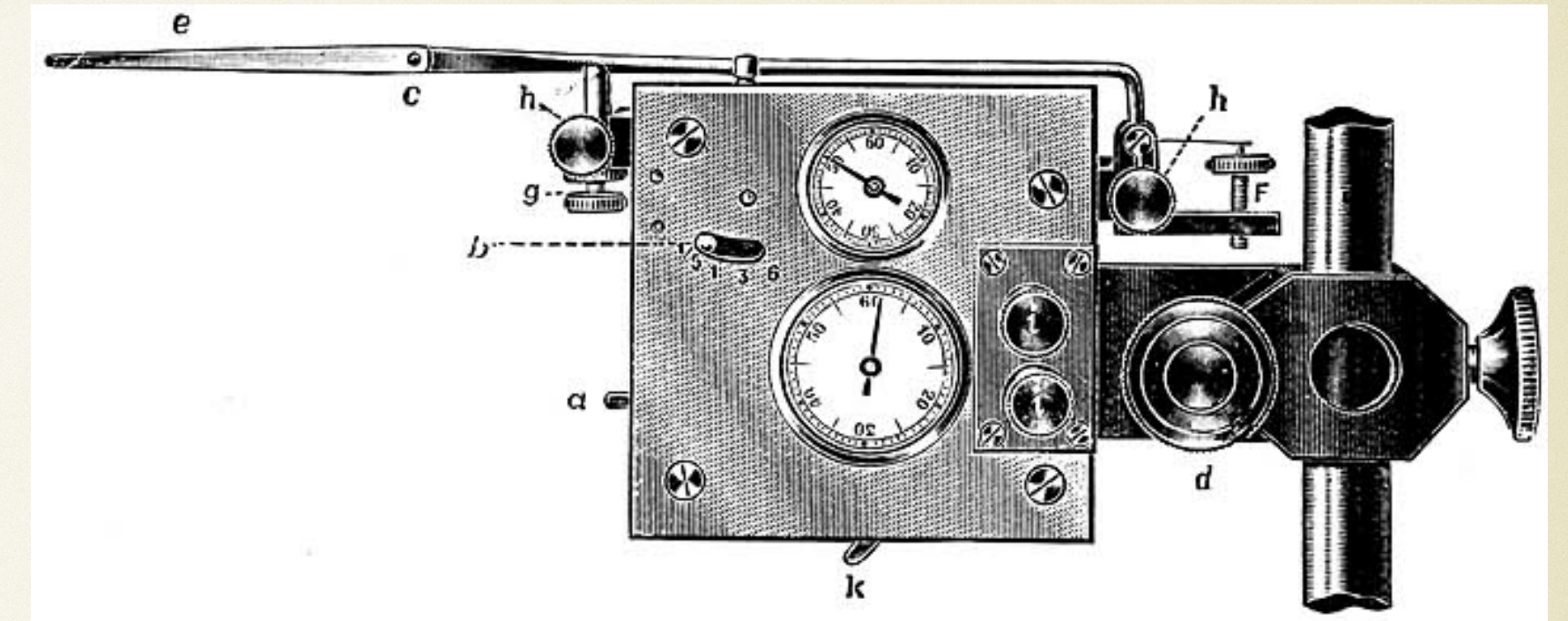
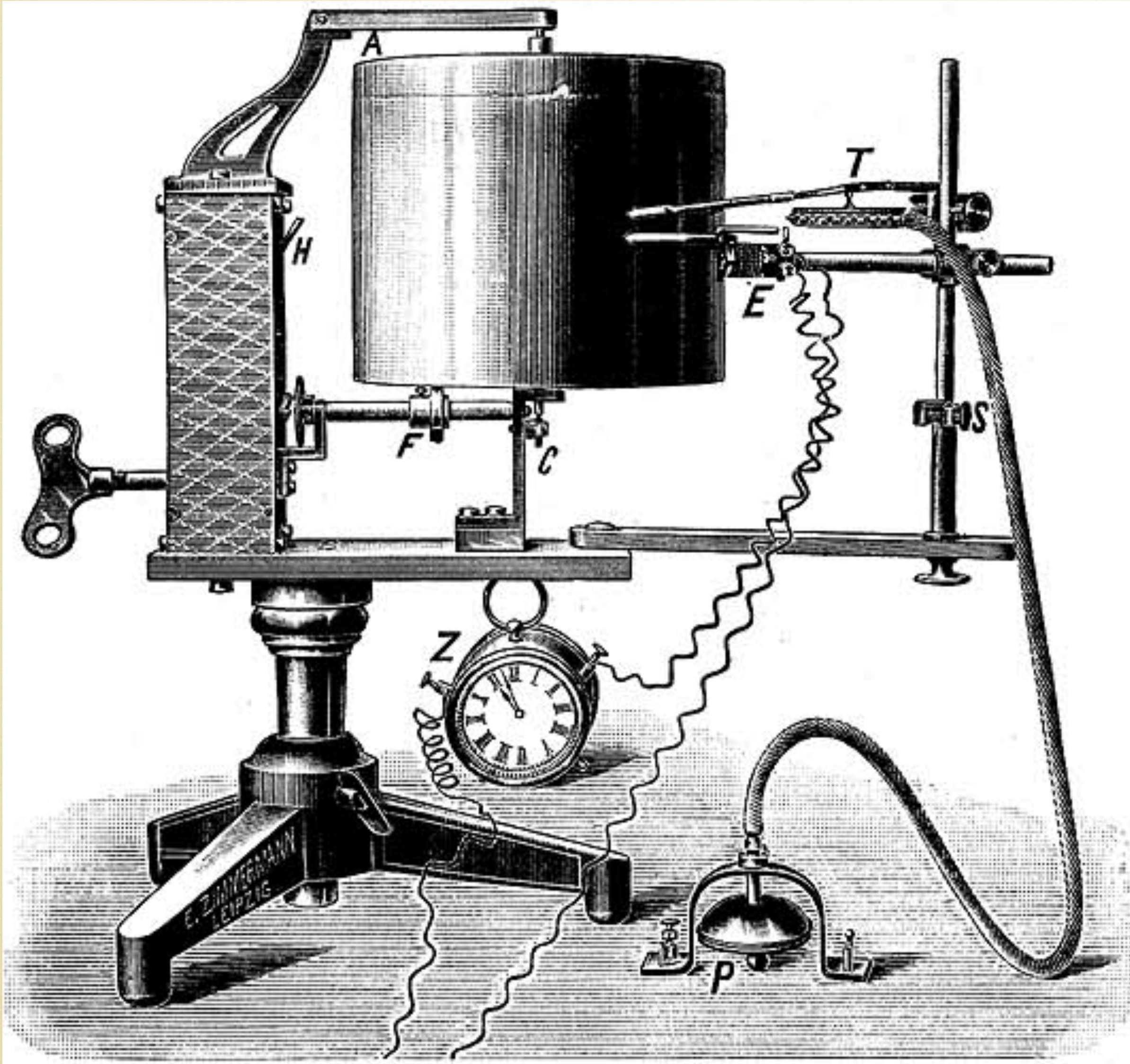
Univerzální kymograf



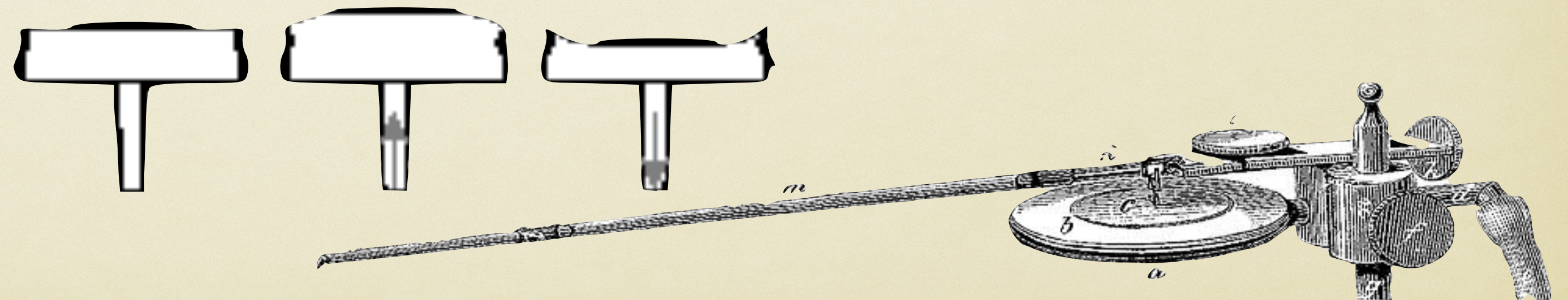
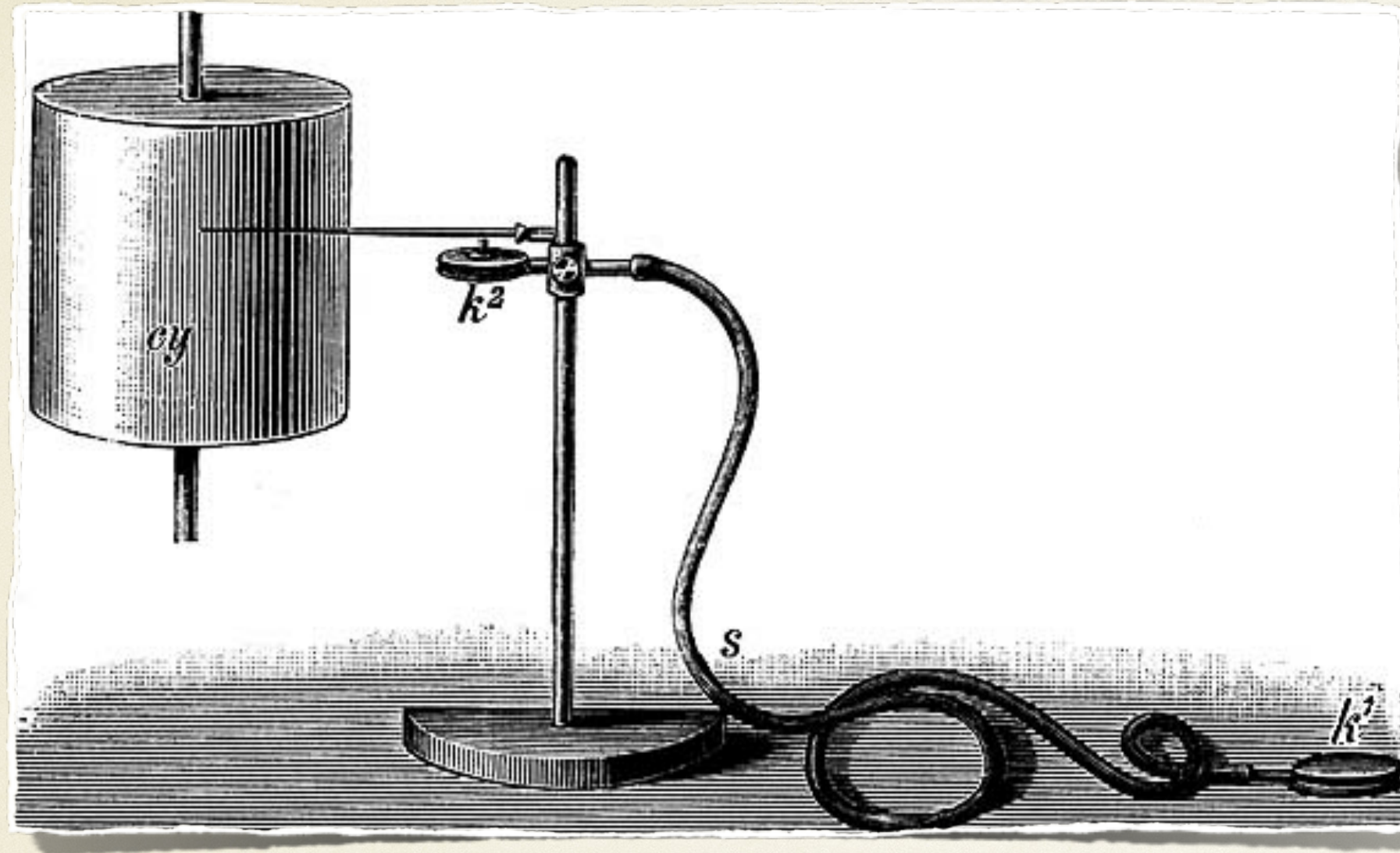
Lahvové varhany



Kymograf



Kymograf



problematika přípravy záznamového zařízení:

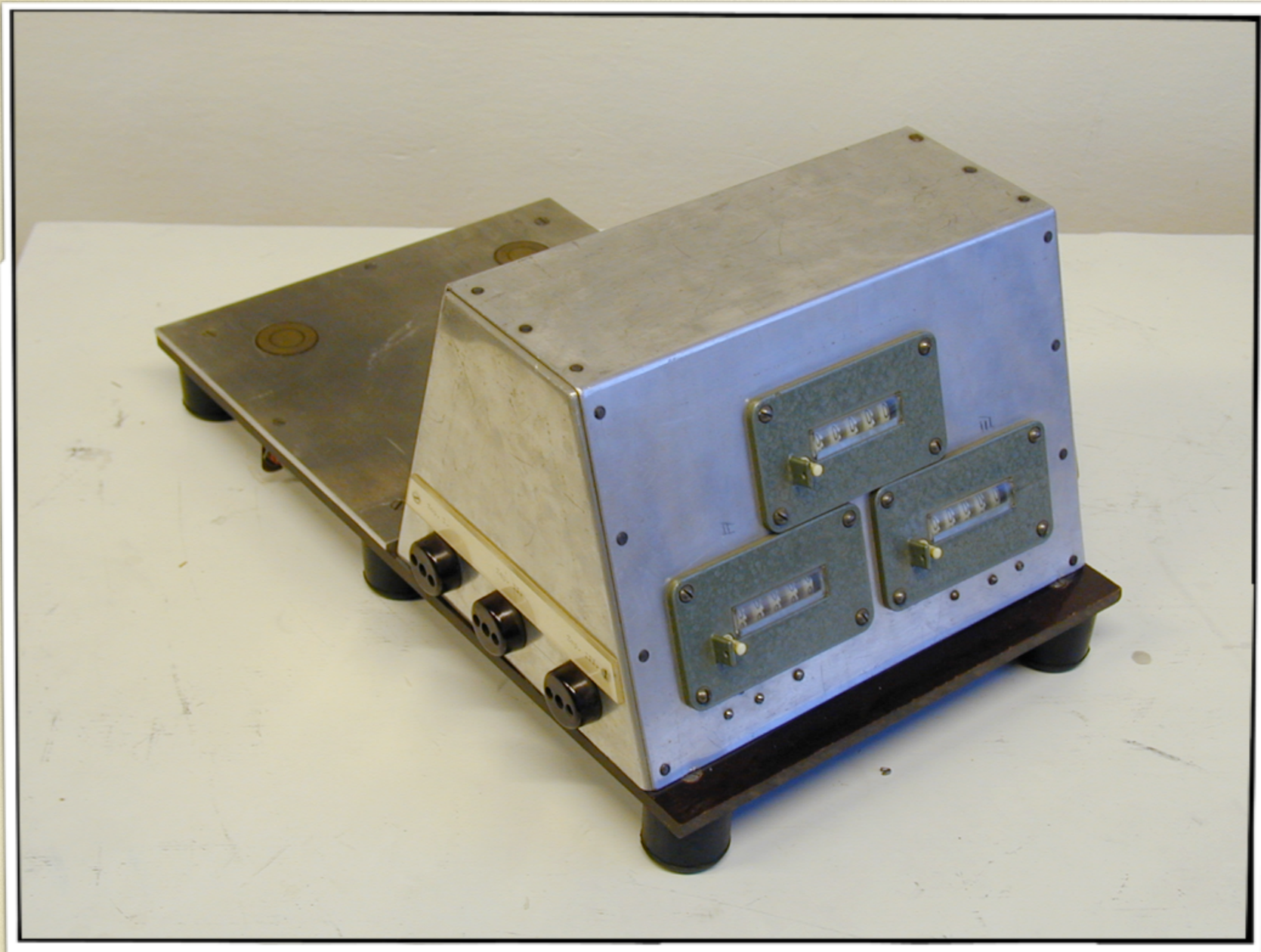
Ø čas potřebný k získání údajů při použití kymografu

- příprava kymografu - 25 minut
- záznam experimentu - 2 minuty
- fixace záznamu lakem a jeho zaschnutí - 6 hodin
- získání údajů ze záznamu - 13 minut

Ø čas potřebný k získání údajů při použití PC a tabletu

- záznam experimentu - 2 minuty
- získání dat ze záznamu - 13 vteřin

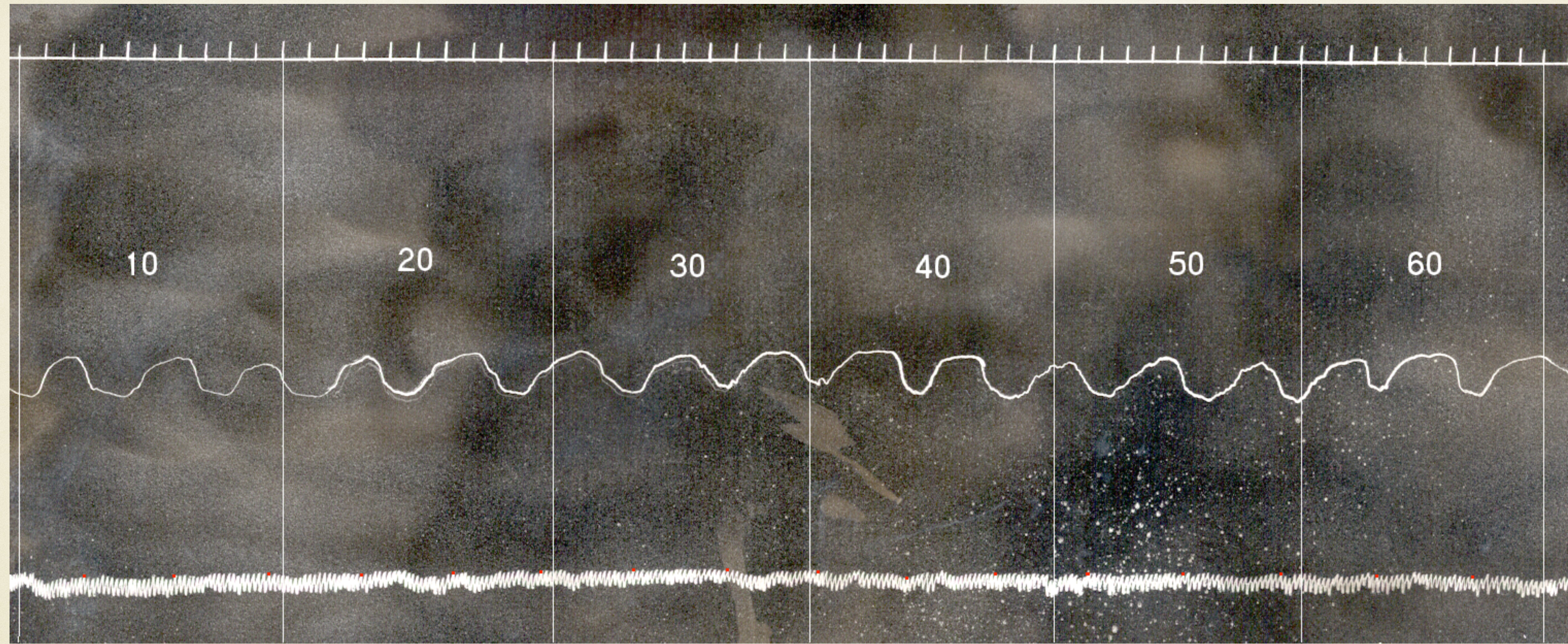




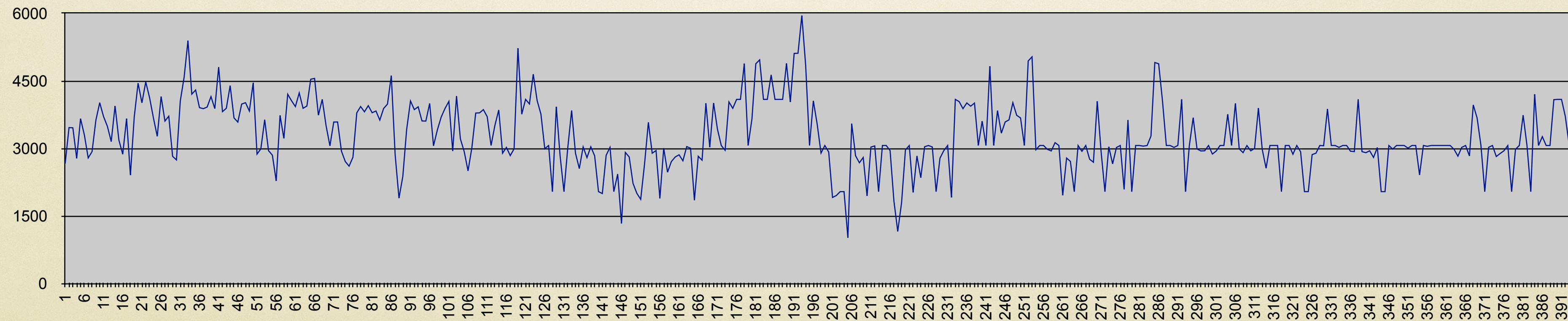




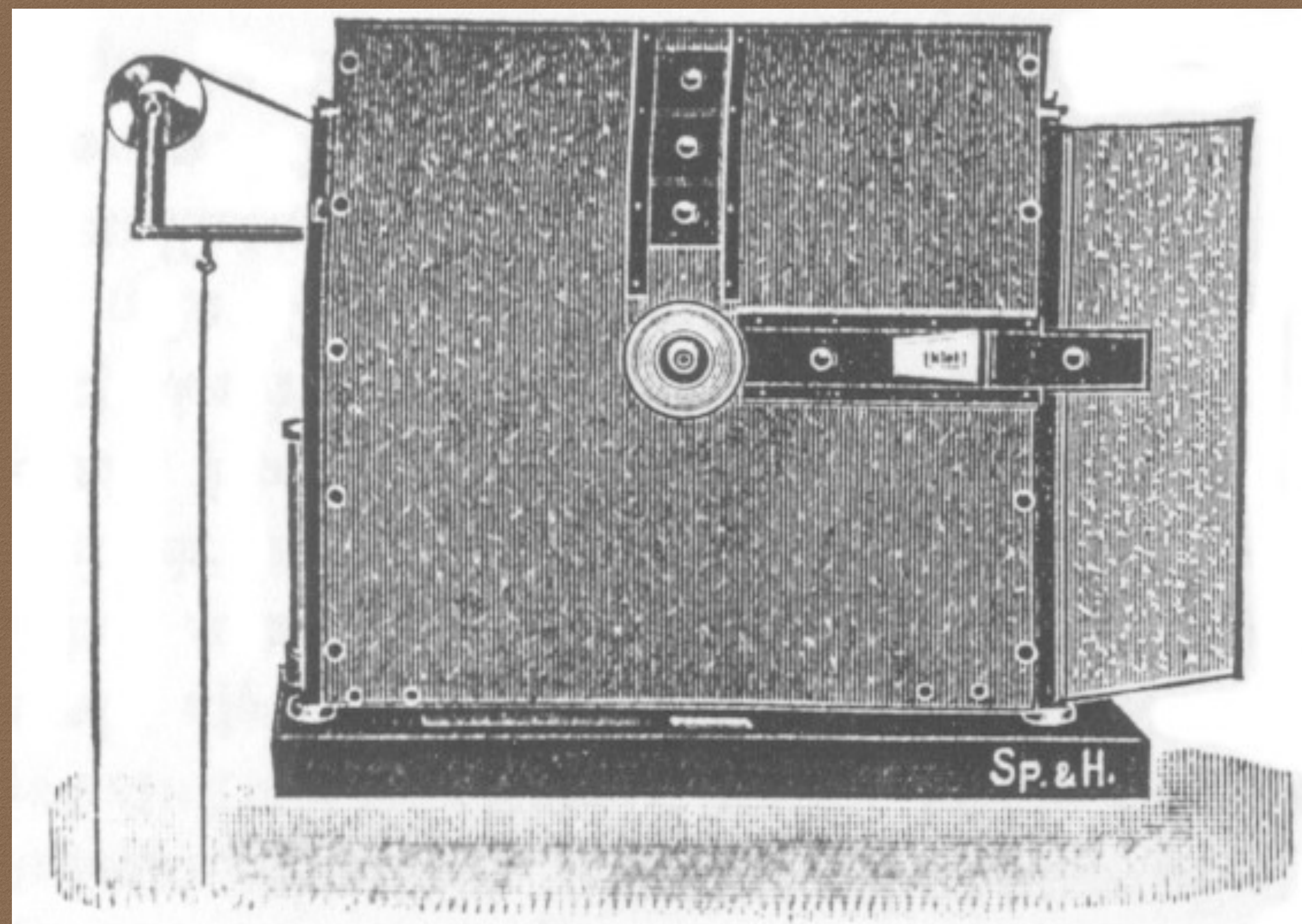
Kymograf



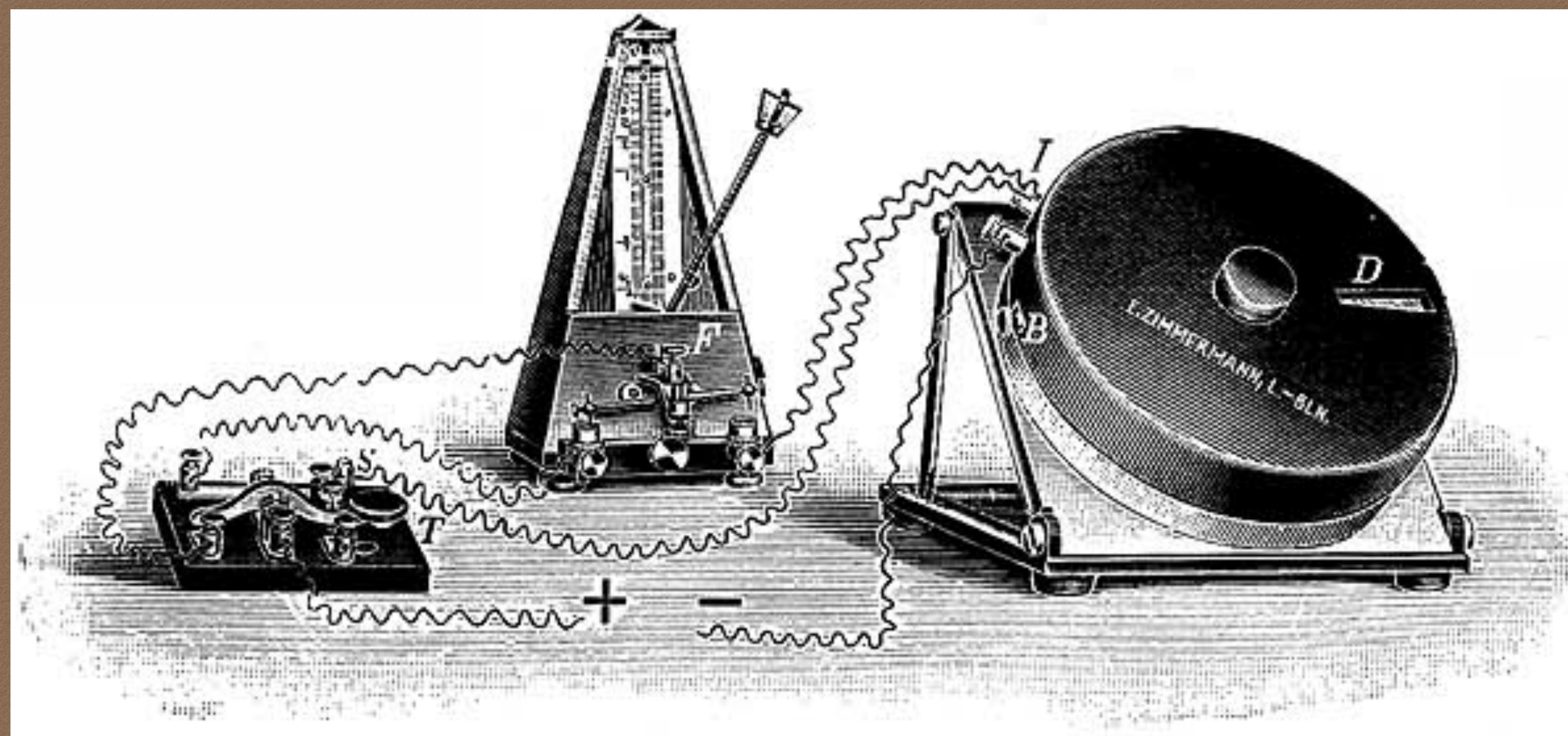
Tablet



Asociační zařízení (Meier, H.)



Ranschburgův mnemometr



Tachistoskop (Rostohar, M.)

