

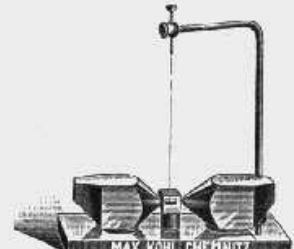
62 482. 1 : 4.



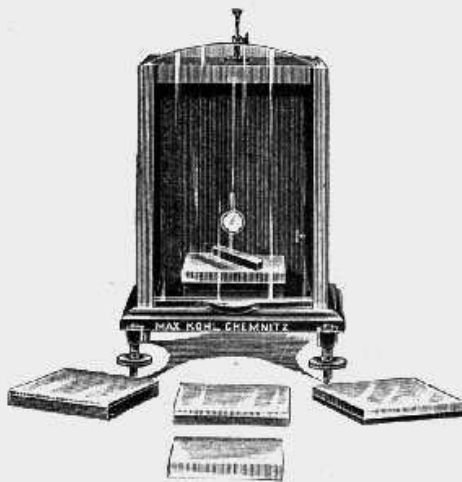
62 483. 1 : 4.



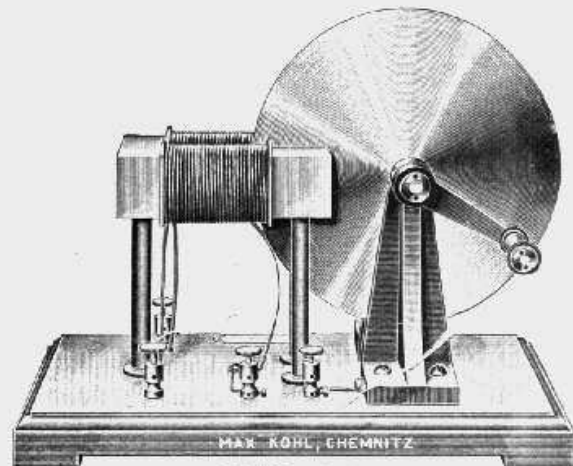
62 484. 1 : 9.



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62 489. 1 : 4.

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62,485. **Accessories for Dia- and Paramagnetic Experiments**, Figure, consisting of: 2 pole pieces with conical ends, 1 stand for suspending the dia- and paramagnetic bodies, a glass tube for holding off air currents, and 3 small bars of antimony, bismuth and glass £ s. d.
 1. 0. 0

62,486. **Apparatus for showing the Damping Action of Induction**, Figure 5. 0. 0
 A bar magnet is suspended in a glass box having levelling screws. On the bottom of the box four copper plates of different thickness and a brass plate of the same size can be laid in such manner that the distance from the magnet is always equal. The variation of damping is very striking.

52,059. **Apparatus for Arago's Magnetism of Rotation**, Figure on p. 287 (W. D. Fig. 560 [533]), for the Whirling Table 1. 4. 0
 An adjustable glass plate with magnetic needle is arranged above a large rotating copper disc. On rotating the disc the needle is deflected in the direction of rotation, it being itself finally set in rotation.

52,060. **Rotating Magnet with rotary Copper Disc placed above it**, Figure, on p. 287, for the Whirling Table 1. 0. 0
 When the magnet is rotated the copper disc rotates in the same direction and almost as quickly as the magnet (as the armature in an asynchronous three-phase motor).

62,489. **Apparatus for Generating Eddy Currents in a Copper Disc rotating between the Poles of an Electromagnet**, Figure (cf. M. P. 9th Edn. III, Fig. 691), with stand 3. 0. 0

52,061. — *idem*, for the Whirling Table, Figure on p. 288 1. 8. 0
 The copper disc is rotated at a moderate speed without allowing the current at first to pass into the electromagnet. As soon as the current is closed it is noticed that a considerably larger expenditure of force is necessary to rotate the disc rapidly.

Regarding above, cf. also Accessories to Electromagnets Nos. 62,281—62,313.

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