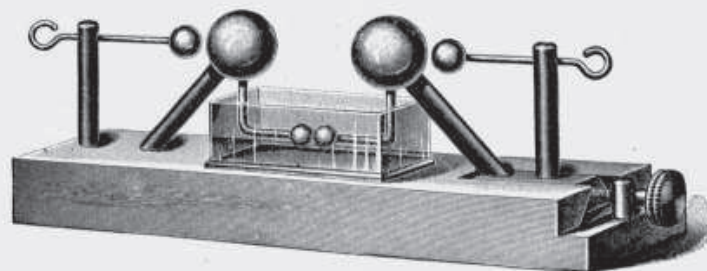7275 H.

7276. **2 parabolic mirrors to demonstrate Hertzian waves,** Biernacki's (Wied. Ann. 55, p. 599, 1895), the one with transmitter [Fig. A ¹/₁₁ nat. size, p. 276] the other with receiver [Fig. B ¹/₁₁ nat. size, p. 276]. To this instrument, the following parts belong: besides No. 7277—7279, 1 induction coil with 6 cm sparking distance at most, with current supply, 1 set accumulators (No. 5503, p. 190), 1 electric bell No. 6483, p. 217 or 1 galvanometer No. 5840, p. 203 . . . . Price for the two mirrors | $ 16,25
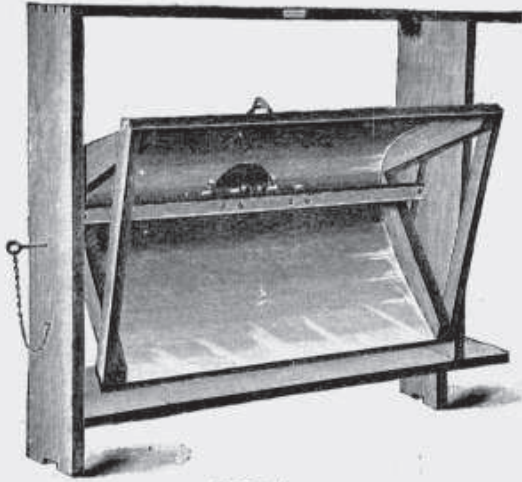
> The transmitting mirror is connected with the secondary of the induction coil, the receiving mirror with a 6 volt accumulator set and a bell, galvanoscope or the like. The receiving mirror must be so placed that the coherer tube is horizontal; the transmitter mirror may be turned as required. In order to adapt the coherer, it is sufficient to give a tap to the side of the mirror. The distance between the two mirrors should amount to 4 m roughly; the apparatus may therefore be placed on an experimental table.
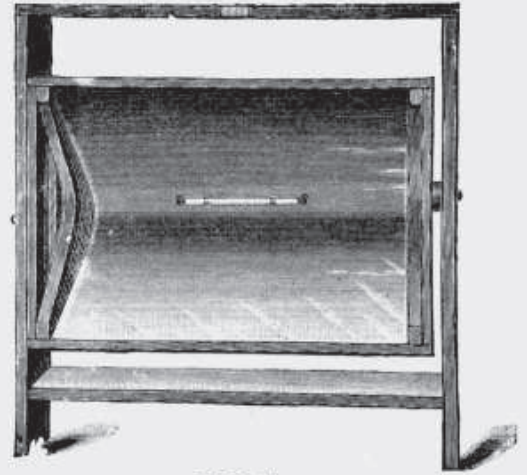
7277. **Zinc screen** to show the reflection of the waves from metallic surfaces . . . . | » 3,00

7278. **Prism of pitch** to show the refraction of electric waves, belonging to No. 7266. [Fig. ¹/₁₅ nat. size, p. 276.] . . . . | » 8,75

7279. **Wire grating** for the polarisation of electric waves, suitable for No. 7276. [Fig. ¹/₁₁ nat. size, p. 276.] . . . . | » 4,50

7293. **Righi radiator** for producing electric waves, specially adapted for wireless telegraphy. [Fig. ¹/₇ nat. size, p. 276.] The receiver No. 7295 belongs to this sender; the apparatus is well suited for schools on acount of its simplicity. To telegraph with this apparatus
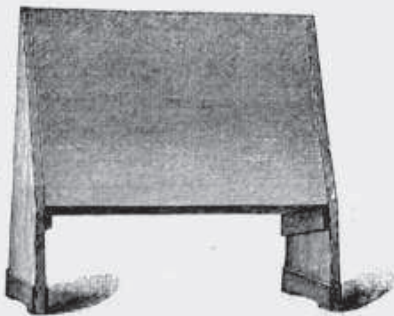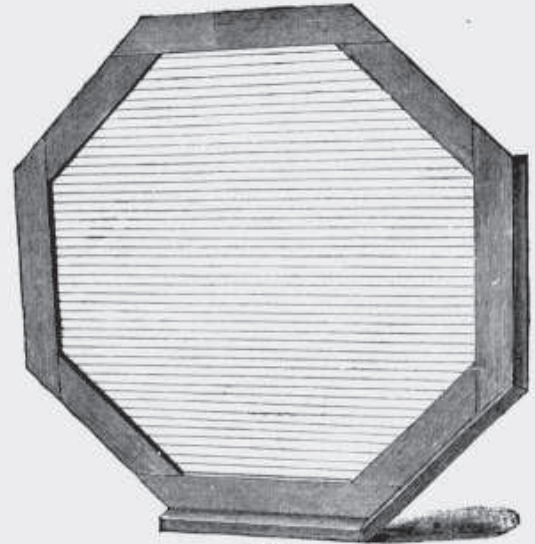

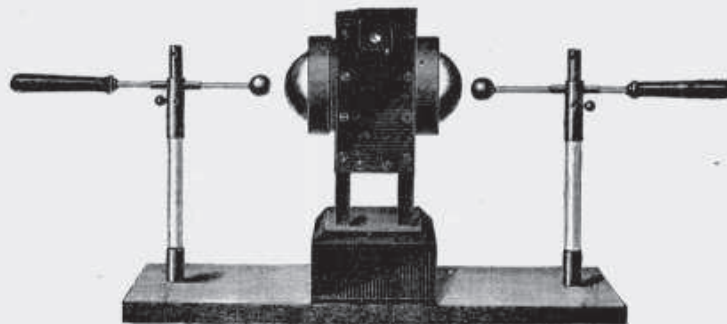7275 J.

7276 A.

7276 B.

7278.

7279.

7293.

through two walls an induction coil giving a spark of about 15 cm is necessary; also the following apparatus: 1 dry cell (No. 5584, p. 199), 1 relay No. 6496, 1 bell No. 6483, p. 217 or 6489, p. 218 or 1 telegraph instrument No. 6506 as well as the currrent generator for driving the bell or telegraph. (For example No. 5503 or 5504, p. 190.) [Fig. $^1/_7$ nat. size.] . . . . $ 22,50