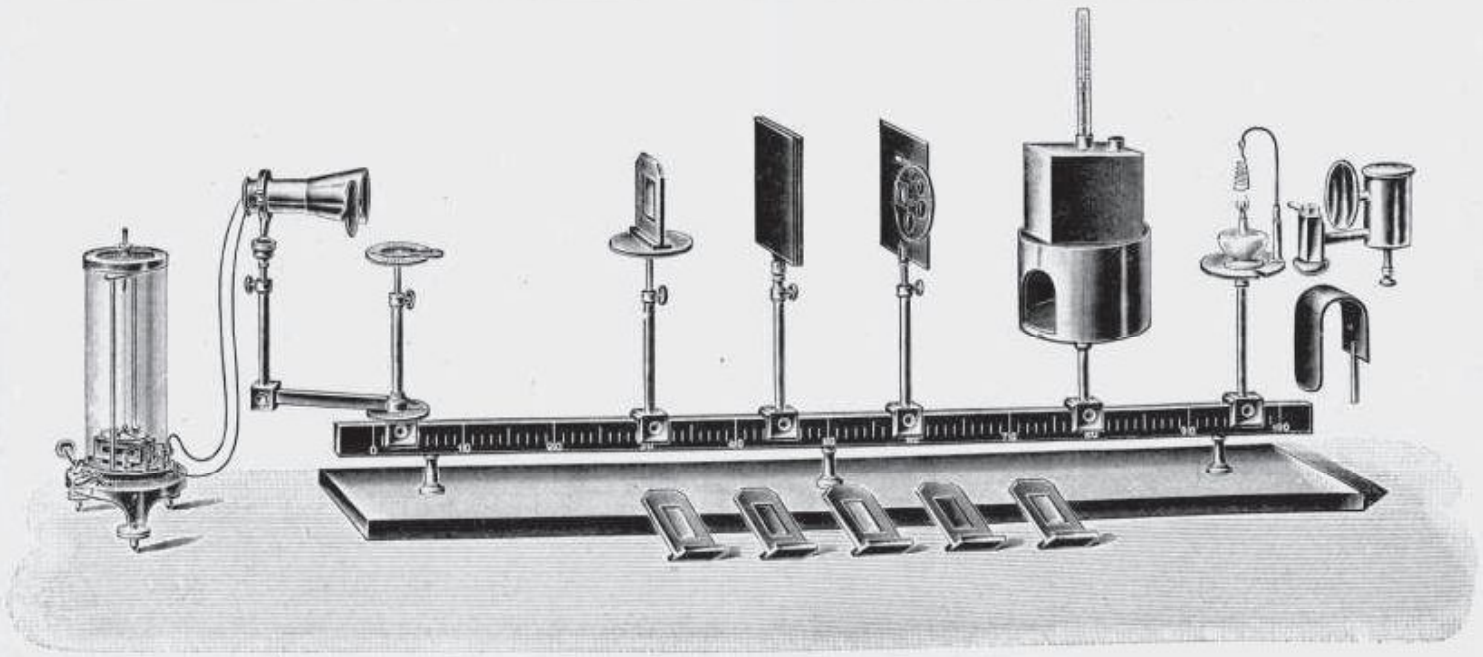

1978.

1963. **Mantle of platinum wire** to place over Bunsen burner to act as source of heat for radiation experiments. (W. D. Fig. 367, p. 547.) [Fig. 2/3 nat. size, p. 90.] . . . . . $ 5,00

1972. **Thermo-pile,** after Nobili, on stand with ball socket, with 36 elements and conical extension tube. [Fig. 1/6 nat. size.] . . . . . » 12,50

This thermopile is most carefully constructed and is thoroughly tested before being sent out. Should the deflection of the galvanometer not correspond with that expected, the difficulty should not at once be attributed to the thermo-pile, but tests should be made to ascertain if the galvanometer is suited to the thermopile. The maximum deflection is obtained when the resistance of the galvanometer is equal to that of the pile. The value of the resistance is always stated on our thermo-piles.

1978. **Melloni's apparatus for experiments on radiant heat,** consisting of brass bar divided into centimeters and mounted on mahogany board; along the bar 6 stands can be moved and fastened in position by means of screws. Their height is adjustable. One stand carries a divided circle with a movable arm on which the support of the thermo-pile can move and be fixed. The upper circle of this stand is also graduated and serves to receive prisms. The other stands serve to support accessory apparatus. The following are provided: Locatelli lamp with reflecting mirror; Π-shaped screen coated with lamp black; Wire spiral; Leslie's cube with sub-stage to take spirit lamp, and thermometer; Screen with diaphragm disc (square and circular holes); Double-walled screen; Supporting plate for crystal preparations; 9 objects mounted in cork, namely: 1 iceland spar, 1 quarz, 1 rock salt, 1 mica, 1 gypsum, 2 each coloured glass plates, 1 thick and 1 thin. The galvanometer rests on a brass foot with levelling screws and consists of two copper wires, 1 mm thick, covered with silk; it is very sensitive and is adjusted by means of a micrometer screw. [Fig. 1/9 nat. size.] »102,50

1979. — without galvanometer . . . . . » 77,50

1980. **Steam capsule,** blackened on 1 side, to be heated by steam, on stand. (W. D. Fig. 369, p. 551.) [Fig. 1/5 nat. size.] . . . . . » 2,75

1514. **Steam boiler for same,** Weinhold's type. (W. D. Fig. 49, p. 45.) . . . . . » 4,00

The steam is led in at the upper tube and issues together with condensed water from the tube at the bottom (Fig. see page 75).