

Fig. 5.

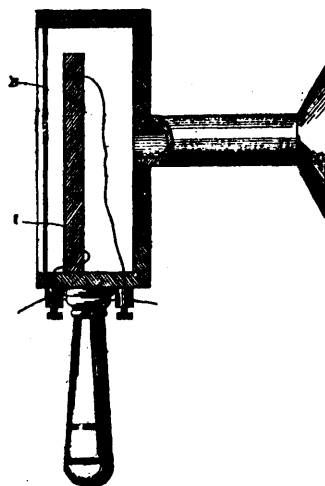


Fig. 6.

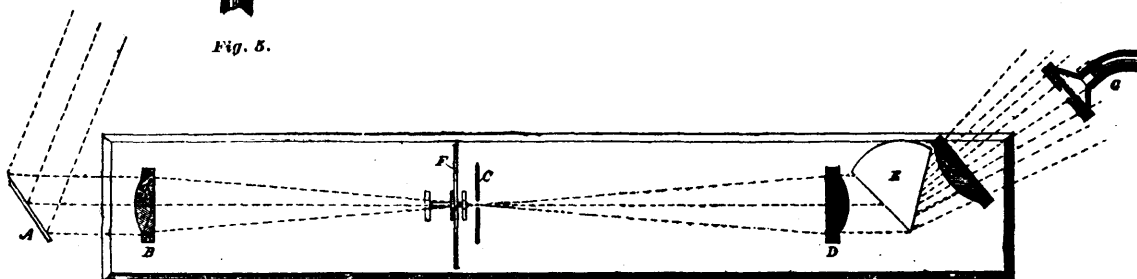


Fig. 7.

produced from lampblack by passing through it an intermittent electrical current, and that it can be used as a telephonic receiver for the reproduction of articulate speech by electrical means.

A convenient mode of arranging a lampblack cell for experimental purposes is shown in Fig. 6. When an intermittent

current is passed through the lampblack A, or when an intermittent beam of sunlight falls upon it through the glass plate B, a loud musical tone can be heard by applying the ear to the hearing-tube C.

In describing the results of these and other experiments, Messrs. Bell and Taintor use the word "light" in its usual rather

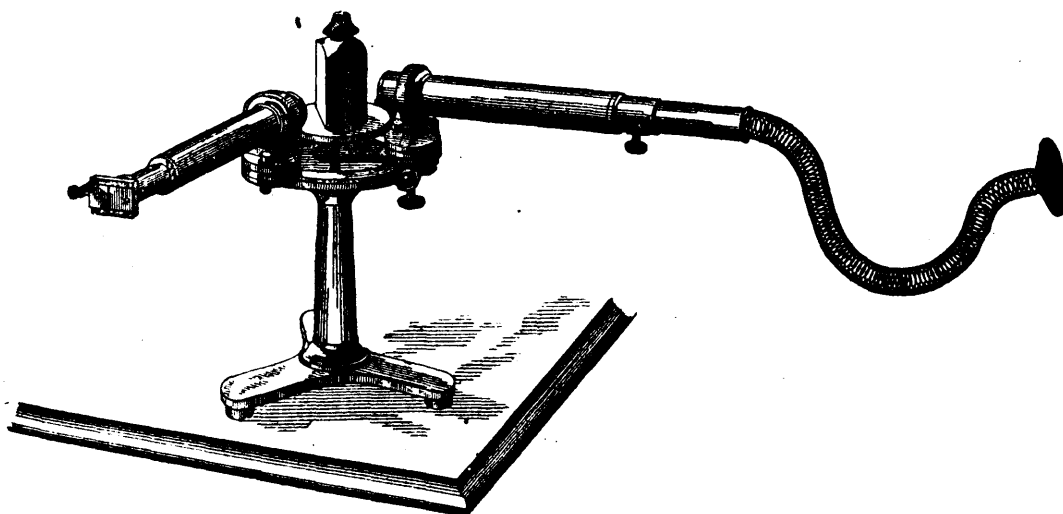


Fig. 8.