



FIG. 7.—A pith-ball suspended by *silk*, after touching the electrified ebonite is repelled. Part of the electric charge on the rod has passed to the ball, hence "like charges repel."



FIG. 8.—Negative ebonite rod between two balls, left charged negatively from ebonite rubbed with cat's fur, the other charged positively from glass rubbed with silk. Like charges repel, unlike charges attract.



FIG. 9.—A pith-ball suspended by cotton thread clings to the charged ebonite for a time. When the pith-ball lets go both are neutral, as in figure 5.



FIG. 10.—Brass conductor on glass stand, also pith-balls. Both neutral. No attraction.



FIG. 11.—Charged ebonite rod held near end of brass conductor. Pith-ball is attracted, hence conductor has been charged by the influence of a charge at a distance, i.e., by "induction."



FIG. 12.—Two brass plates on glass stands. Plates separated. One plate charged, as shown by the repulsion of the pith-ball.

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