

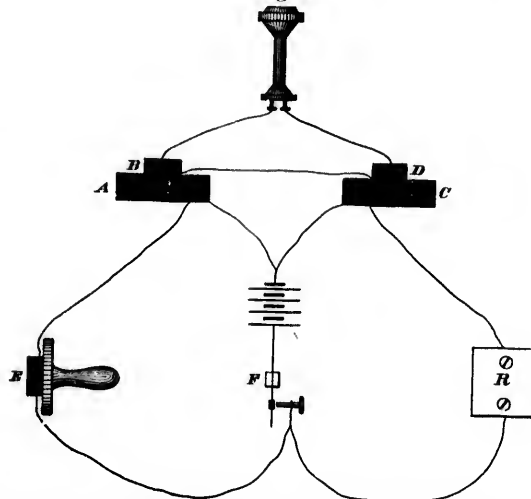
though from certain indications apparent to the sense of touch he believed that the bullet was located in the part of the body submitted to experiment.

To verify his supposition a needle connected as above (Fig. 28) was thrust into contact with the hard substance perceived, but no response was made by the telephone. The surgeon, however, believing that the bullet had been found, etherized his patient and proceeded with an operation, but discovered, when too late, that the bullet was not there.

*Further Modifications of Induction Balance.*

I sailed for Europe early in October, 1881, and have had no opportunity since of continuing my researches until quite recently. While I was in Europe, however, Mr. Summer Tainter devised a new kind of Induction Balance which deserves men-

*Fig. 29.*



tion here. The results obtained with this apparatus in its present form (Fig. 29) are not to be compared with those produced by the best instruments described above, but there are undoubtedly great possibilities of future development.