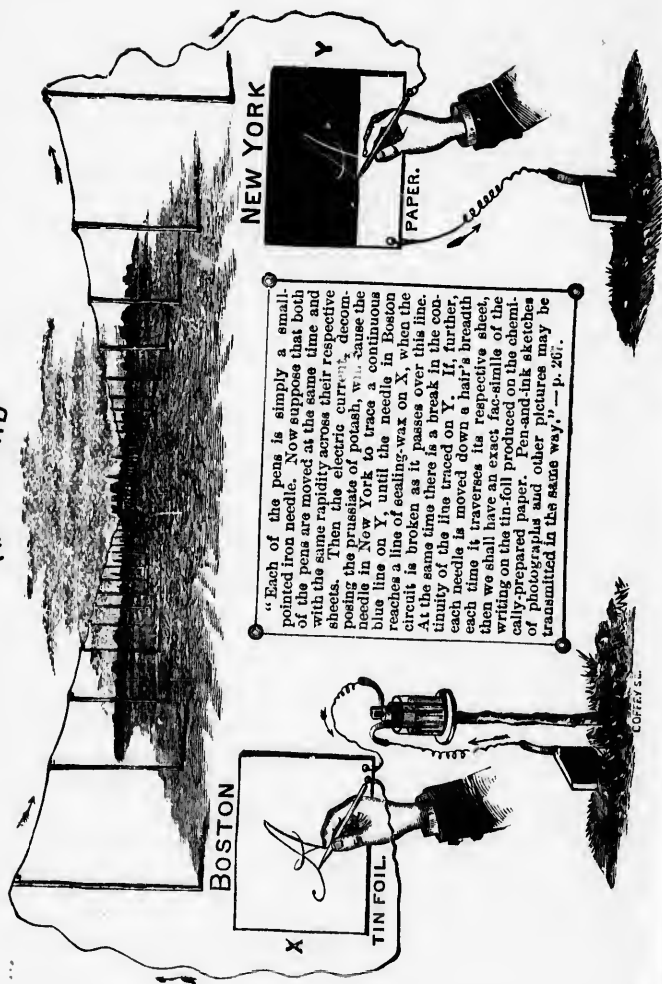


HARTFORD



"Each of the pens is simply a small pointed iron needle. Now suppose that both of the pens are moved at the same time and with the same rapidity across their respective sheets. Then the electric current, decomposing the prussiate of potash, will cause the needle in New York to trace a continuous blue line on Y, until the needle in Boston reaches a line of sealing-wax on X, when the circuit is broken as it passes over this line. At the same time there is a break in the continuity of the line traced on Y. If, further, each needle is moved down a hair's breadth, then we shall have an exact fac-simile of the writing on the tin-foil produced on the chemically-prepared paper. Photographs and sketches of photographs and other pictures may be transmitted in the same way." — p. 267.

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