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The young man's book of amusement

Halifax, 1848

Another Electrical Experiment

[urn:nbn:de:bsz:31-100120](https://nbn-resolving.org/urn:nbn:de:bsz:31-100120)

Magical Explosion.

Make up some gunpowder, in the form of a small cartridge, in each end of which put a blunt wire, so that the ends inside of the cartridge be about half an inch of each other; then joining the chain that proceeds from one side of the electrifying battery, to the wire at the other end, the shock will instantly pass through the powder, and set it on fire.

Method of receiving the Electrical Shock from a Cat.

Place the left hand under the throat, with the middle finger and thumb slightly pressing the bones of the animal's shoulder, then gently passing the right hand along the back, sensible electrical shocks will be felt in the left hand, and very distinct discharges may be obtained by touching the tips of the ears, after applying friction to the back: the same may be obtained from the foot.

Another Electrical Experiment.

Place a thin piece of tin-foil vertically, between two horizontal and insulated rods of brass, each terminated by a knob, and distant from each other be-

tween one and two inches, then pass from one to the other a strong charge of a large electrical battery: the plate of tin will be found pierced by two holes, with their bars in opposite directions. That the experiment may succeed, the tin-foil should be thin, and the charge strong, otherwise only two impressions will be seen on the plate.

The Electrical Fountain.

Suspend a vessel of water from the middle of the brass arch, and place in the vessel a small tube. The water will be one continued stream; and if the electrification be strong, a number of streams will issue, in form of a cone, the top of which will be at the extremity of the tube. This experiment may be stopped and renewed almost instantly, as if at the word of command.

To pierce a Card, &c. by Electricity.

Take a card, a quire of paper, or any similar material, and place it against the outside coating of a charged jar: keep the card in its situation by pressing against it one knob of the discharged rod, and with the other knob of the rod touch that of the jar. The discharge which will immediately follow, to restore the equilibrium of the two sides of the jar, will be found to have made one or more holes entirely