



Hydro-Electric Voltaic Chain Batteries (Classic Reprint)

By J L Pulvermacher

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Hydro-Electric Voltaic Chain Batteries The links are hooked into each other with gilt wire, in such a manner that the zinc end or pole of one link is connected with the copper pole of the next link, by the said gilt wire. This forms a complete voltaic pile, the power of which simply depends on the number of links or elements generating the current, which is disengaged at the two extremities as soon as the chain has been moistened (viz.: at the two last links, or elements). One link deflects the magnetic needle of the galvanometer - four elements decompose acidulated water - six links water which is not acidulated; with 15 links the electric current passes through the human body, produces sparks before the eyes, and all other physiological phenomena. Of a chain of 50 to 60 links, the shocks are very perceptible; 80 to 120 links produce a power sufficient for all cases; but still the number of links or chains may be increased to such a point that the shocks become insupportable....

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