ELECTRIC DISC AND EXPERIMENTS, BY A POSITIVE CONDUCTOR

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Electric Disc and Experiments, by a Positive Conductor by Anonymous

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PUBLISHED BY

W. F. STANLEY, PATENTEE, RAILWAY TERMINUS, LONDON BRIDGE. 1869.

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PREFACE.

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WHEN I commenced this short treatise I intended to give a series of electrical experiments, part old, part new, calculated only to amuse. I intended to simplify the construction of the standard experiments so that they should cost pence and shillings, instead of pounds, and this would be all; but when I came to note the experiments down, I found that they would, if arranged, exemplify much of the known theory of electricity as a scientific investigation.

Recalling my school teaching of geography, that I learnt by heart, sentence by sentence from Goldsmith, with much mental labour, and which I forgot when I left school—to look around and discover that others better taught had gained more practical knowledge by the amusement of drawing maps and pointing out positions on the globe—So upon the practical principle, I have tried to make this a kind of map of electricity, whereby its wonderful properties and laws may be seen and remembered; by constructing or performing simply arranged experiments, which require little mental effort, reading, or study, and yet contain many solid facts and principles.

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