

**ELECTRIC GAS LIGHTING: HOW TO INSTALL  
ELECTRIC GAS IGNITING APPARATUS  
INCLUDING THE JUMP SPARK AND  
MULTIPLE SYSTEMS FOR USE IN HOUSES,  
CHURCHES, THEATRES, HALLS, SCHOOLS,  
STORES OR ANY LARGE BUILDINGS**

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**Electric Gas Lighting: How to Install Electric Gas Igniting Apparatus including the Jump Spark and Multiple Systems for Use in Houses, Churches, Theatres, Halls, Schools, Stores or Any Large Buildings** by H. S. Norrie

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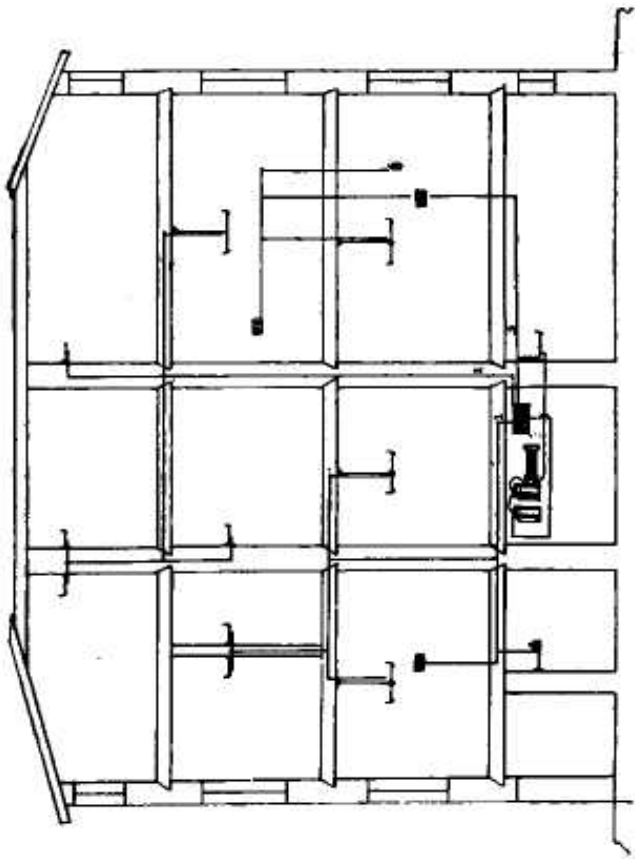
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**H. S. NORRIE**

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# ELECTRIC GAS LIGHTING

HOW TO INSTALL

ELECTRIC GAS IGNITING APPARATUS  
INCLUDING THE JUMP SPARK  
AND MULTIPLE SYSTEMS

FOR USE IN

HOUSES, CHURCHES, THEATRES, HALLS, SCHOOLS,  
STORES OR ANY LARGE BUILDINGS

ALSO THE CARE AND SELECTION OF SUITABLE BATTERIES,  
WIRING AND REPAIRS

By H. S. NORRIE

(NORMAN H. SCHNEIDER)

(Author of "Induction Coils and Coil Making")

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## PREFACE

THE Electric Light possesses the great advantage over gas, in that it can be turned on or lighted from a distance. The customary means of igniting gas with a match or taper is both dangerous and often inconvenient. The inventive genius of modern times has evolved a means of lighting gas by electricity which is both reliable and easy of application. It requires no very complicated devices, nor does it necessitate a deep knowledge of electrical matters for its installation. The object of the following pages is to enable any one possessing ordinary mechanical ability to construct much of the apparatus used, or at least to successfully erect it and keep it in operation.

We beg to thank the following firms for the use of illustrations: Edwards & Co., Mott Haven, New York; A. L. Bogart, New York; Wm. Roche, New York; The Electric Gas-Lighting Co., Boston, Mass., and The Manhattan Electrical Supply Co., New York.





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