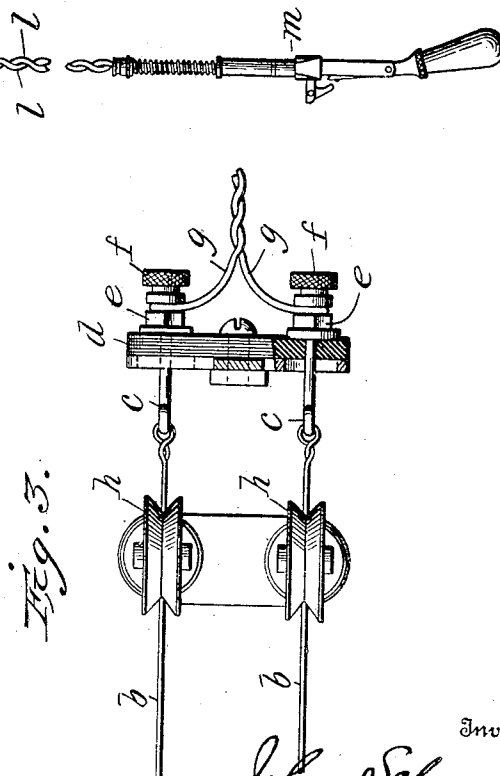
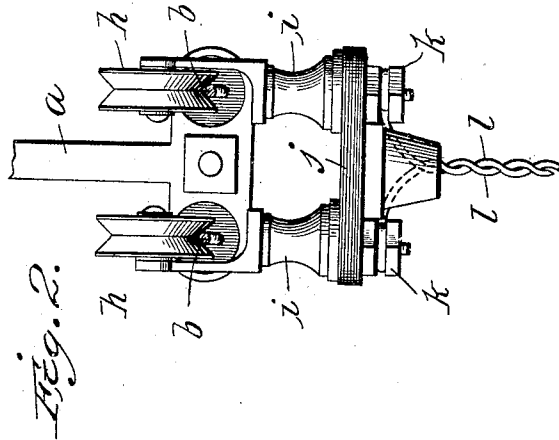
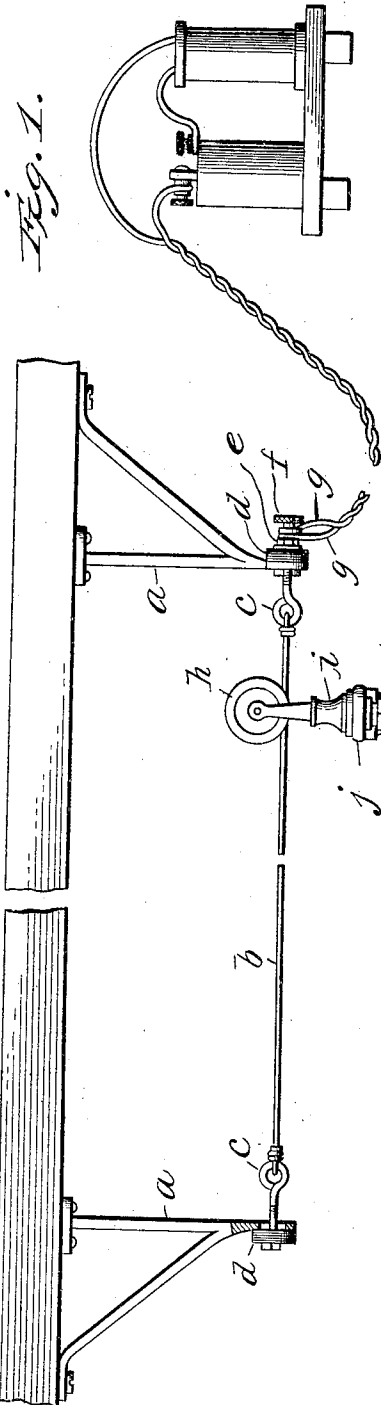


J. SCHARR.
ELECTRIC LIGHTING DEVICE.
APPLICATION FILED MAR. 18, 1909.

946,922.

Patented Jan. 18, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN SCHARR, OF NELSON, WISCONSIN.

ELECTRIC-LIGHTING DEVICE.

946,922.

Specification of Letters Patent.

Patented Jan. 18, 1910.

Application filed March 18, 1909. Serial No. 484,188.

To all whom it may concern:

Be it known that I, JOHN SCHARR, a citizen of the United States, and a resident of Nelson, in the county of Buffalo, State of Wisconsin, have invented certain new and useful Improvements in Electric-Lighting Devices, of which the following is a full and clear specification, reference being had to the accompanying drawing, in which—

Figure 1 is a side elevation of my improved apparatus; Fig. 2 is a transverse section through the overhead tracks or conductors; and, Fig. 3 is a plan view of one end of the tracks or conductors, the hanger being shown in section.

The object of this invention is to provide a simple means whereby the spark-making and torch portion of the lighter shall be slidably mounted to permit it to be readily shifted whenever convenience makes it desirable to do so. It is especially adapted for use in connection with a store-counter or show-case where cigars are sold, the special advantage in this connection being that the torch may be readily shifted along the overhead tracks parallel with the counter so that it may be conveniently used by customers standing along in front of the counter and thus avoid the crowding which would result were the torch stationarily mounted at one end of the counter.

Referring to the drawings by reference letters, *a* designates a pair of hangers depending from an overhead structure such as the ceiling of a store and supporting a pair of parallel metal tracks *b* formed in the present instance by metallic wires stretched between eye-screws *c* supported insulatedly in bars of insulation *d* attached to the hangers. By means of nuts *e* the wires may be drawn taut and by means of thumb-nuts *f*

screwed on the ends of the screws *c* the two terminals *g* of the battery and coil outfit may be respectively electrically connected to the track conductors *b*.

A pair of trolley-wheels *h* are supported and adapted to run back and forth on the tracks *b* and to have metallic contact with the tracks. Each trolley-wheel is electrically connected to a hanger *i* and these hangers are rigidly but insulatedly connected together by a bar *j* of insulating material. The ends of the screws which clamp the hangers to the bar *j* are extended and provided with clamp-nuts *k* whereby the wires *l* may be, respectively, electrically connected to the trolley-wheels. The wires *l* constitute the usual flexible hanger of the sparkers and torch *m* of the usual type.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

In an apparatus of the class set forth, a pair of depending hangers, a pair of parallel metallic wires and means for stretching the wires between the hangers, said means consisting of eye screws and insulating means and screw nuts, additional nuts on the eye screws at one end to form binding posts, a current source having its terminals attached to said binding posts, a trolley wheel running on each of said wires and means for insulatedly connecting them, and a depending lighting device having its terminals connected respectively to said trolley wheels.

In testimony whereof I hereunto affix my signature in the presence of two witnesses this 5 day of Feb. 1909.

JOHN SCHARR.

Witnesses:

EDMUND GIEBEL,
OTTO J. SLOPP.