

No. 719,859.

PATENTED FEB. 3, 1903.

C. D. PLATT.
ELECTRICAL CONTACT FOR CARTRIDGE FUSES.
APPLICATION FILED DEC. 2, 1902.

NO MODEL.

FIG. 1.

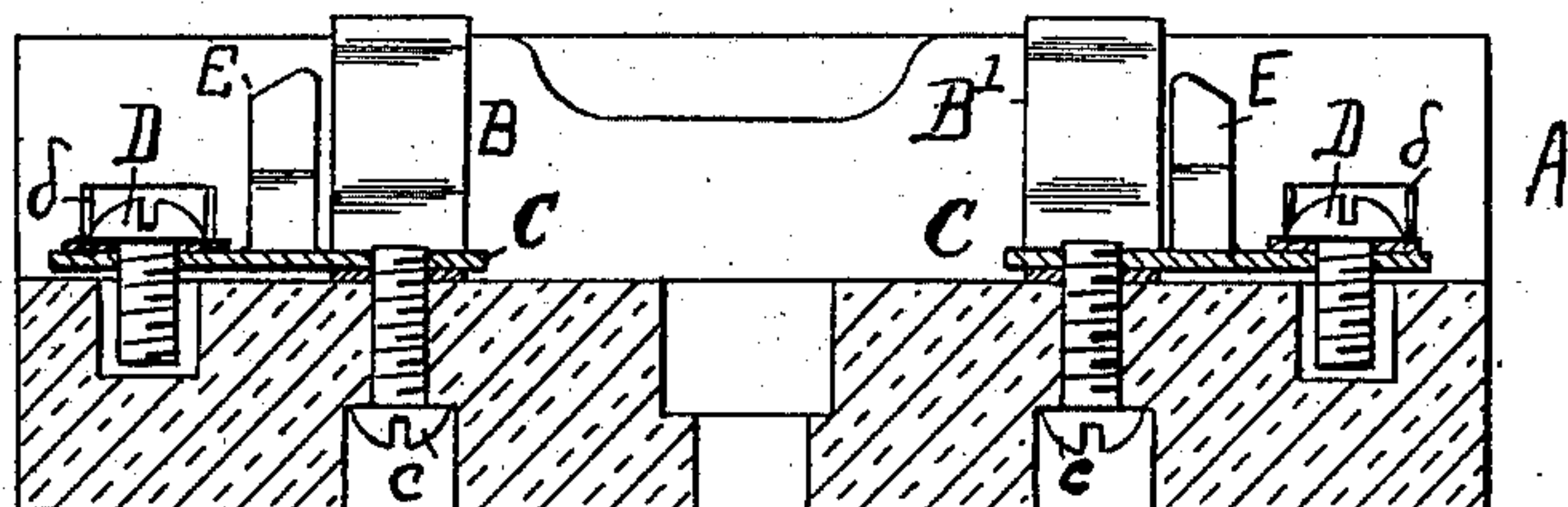


FIG. 2.

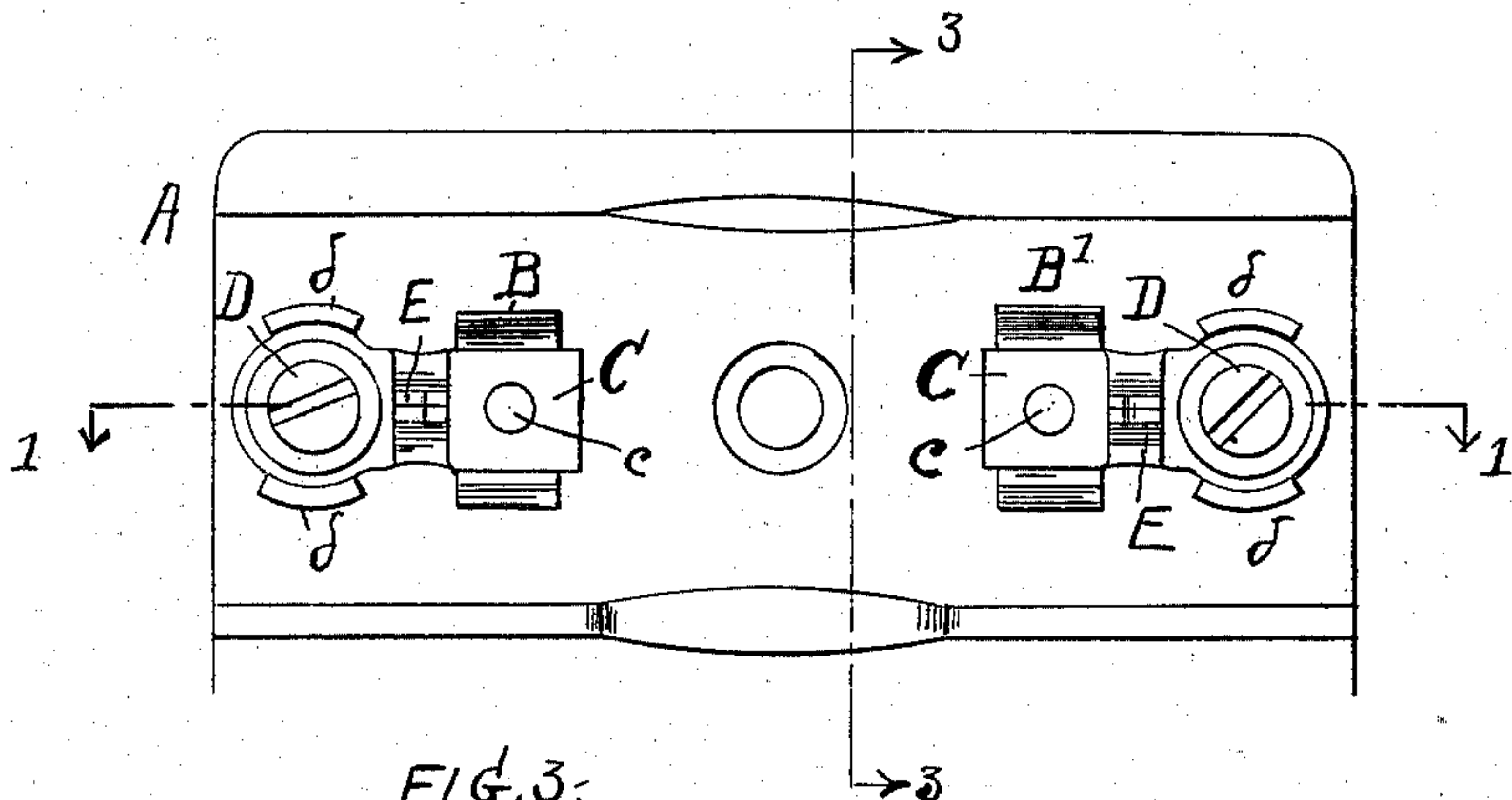


FIG. 3.

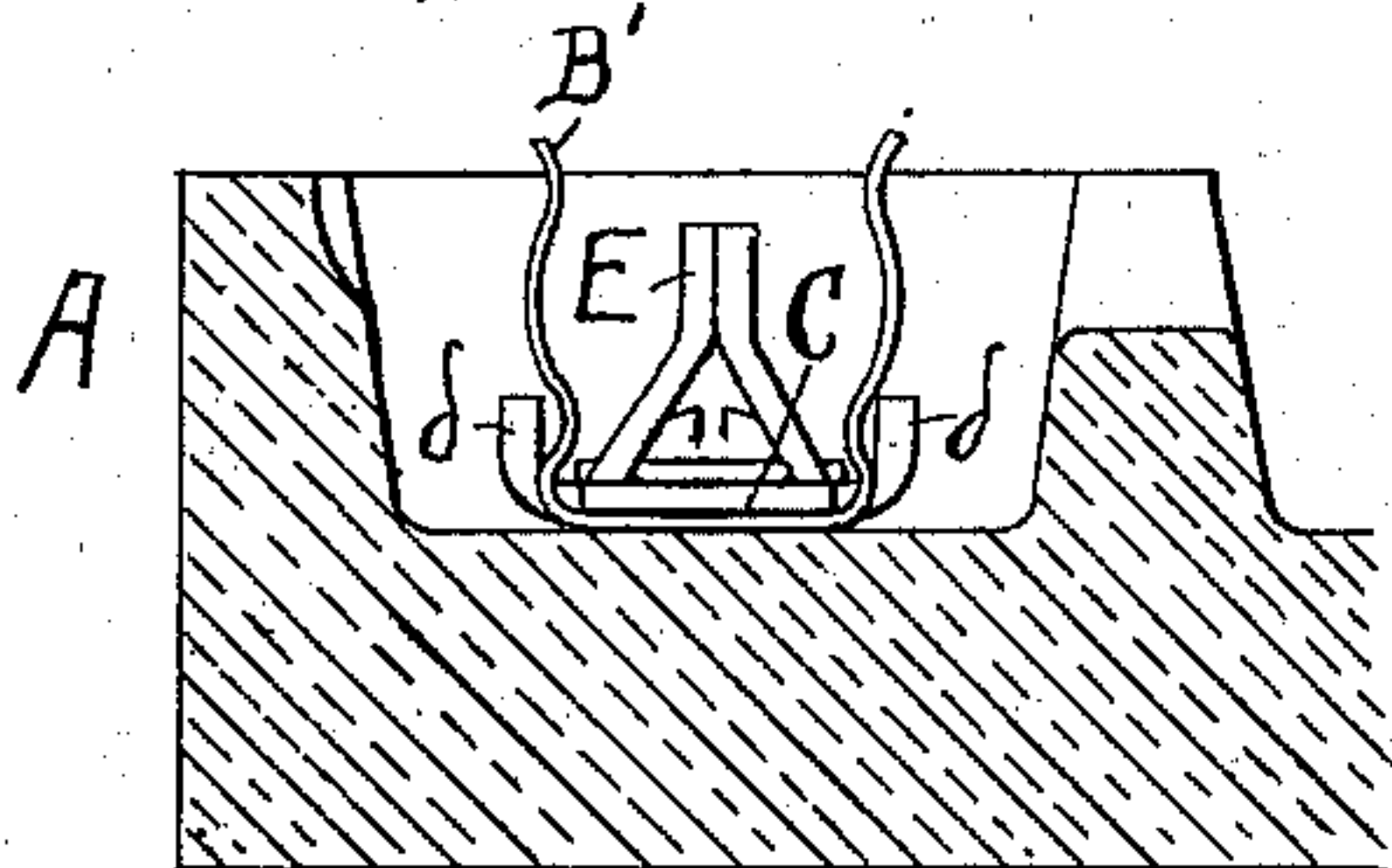
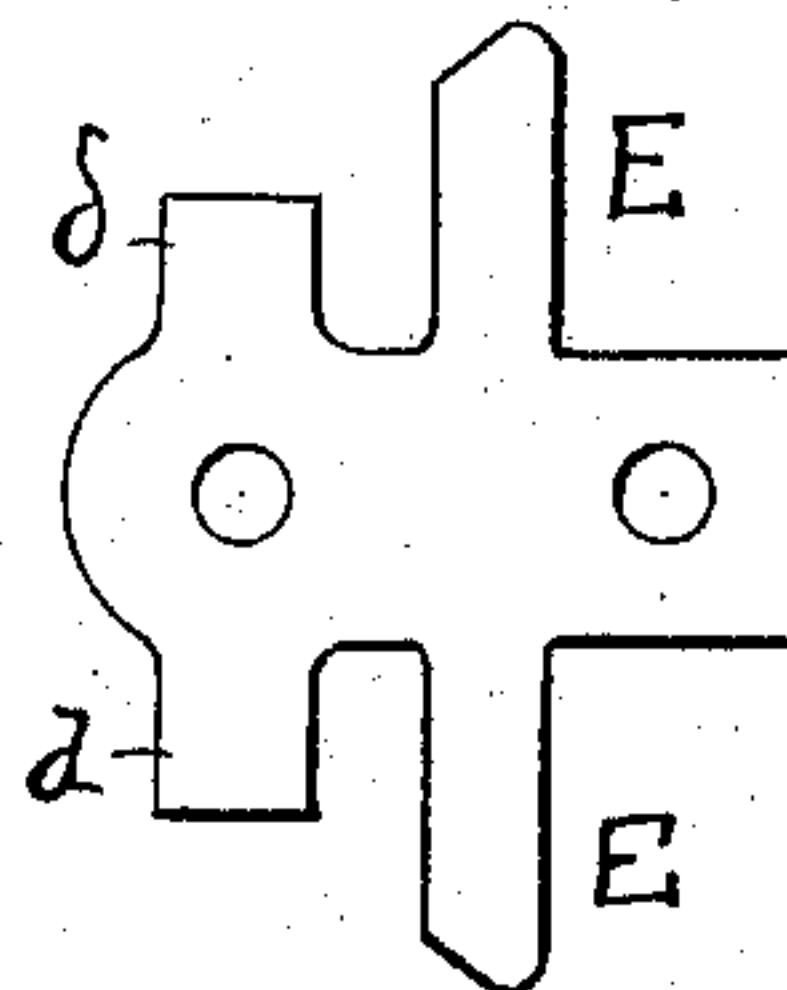


FIG. 4.



WITNESSES:

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INVENTOR

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BY

Howman and Howman
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UNITED STATES PATENT OFFICE.

CLARENCE D. PLATT, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

ELECTRICAL CONTACT FOR CARTRIDGE-FUSES.

SPECIFICATION forming part of Letters Patent No. 719,859, dated February 3, 1903.

Application filed December 2, 1902. Serial No. 133,592. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE D. PLATT, a citizen of the United States of America, residing in Bridgeport, in the county of Fairfield, State of Connecticut, have invented an Improved Electrical Contact for Cartridge-Fuses, of which the following is a specification.

The object of my invention is to produce economically a simple and strong form of contact for cartridge-fuses.

In cartridge-fuse contacts it is important to provide strong back-stops to prevent the caps of the cartridge from being blown off when the fuse blows out. As ordinarily made these back-stops employ a large amount of metal, (brass or alloy,) and therefore add unduly to the expense of the contacts.

My invention consists in an improved construction of contact such that it requires the use of the least possible quantity of metal consistent with the strength necessary.

In the accompanying drawings, Figure 1 is a longitudinal section of a cut-out block provided with my improved form of contacts, the section being taken on the line 1 1, Fig. 2. Fig. 2 is a face view. Fig. 3 is a section on the line 3 3, Fig. 2; and Fig. 4 is a view of the blank from which my improved contact is made.

A is the cut-out block, of porcelain or other suitable insulating material, and B B' are the spring-clips into which the capped ends of the cartridge-fuse are to be fitted, as usual. These springs are held by and in electrical

connection with their respective contact-plates C, being held to the insulating-block by screws c.

D D are the binding-screws by which the ends of the conductors are electrically and mechanically connected to the contact-plates, and d d are the usual ears adjacent to the washered binding-screws to aid in retaining the conductor in place. In making the blank for each of these contact-plates I cut out in one with the body of the plate two lateral wings E E, slightly longer than the parts which are to form the ears d. I then bend these wings up over the body of the contact-plate toward each other, preferably until their upper ends meet, as shown in the drawings, Figs. 1, 2, and 3, so that they present a stop immediately behind the clips for the end of the fuse-cartridge. This stop is of ample strength for the purpose; but, as will be seen by reference to the form of blank, Fig. 2, it demands the use of but a moderate amount of metal.

I claim as my invention—

The herein-described contact-plate for cartridge-fuses, said plate having a back-stop formed of lateral wings bent up toward each other over the body of the plate.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CLARENCE D. PLATT.

Witnesses:

FRANK V. BENTON,
JOHN TAYLOR.