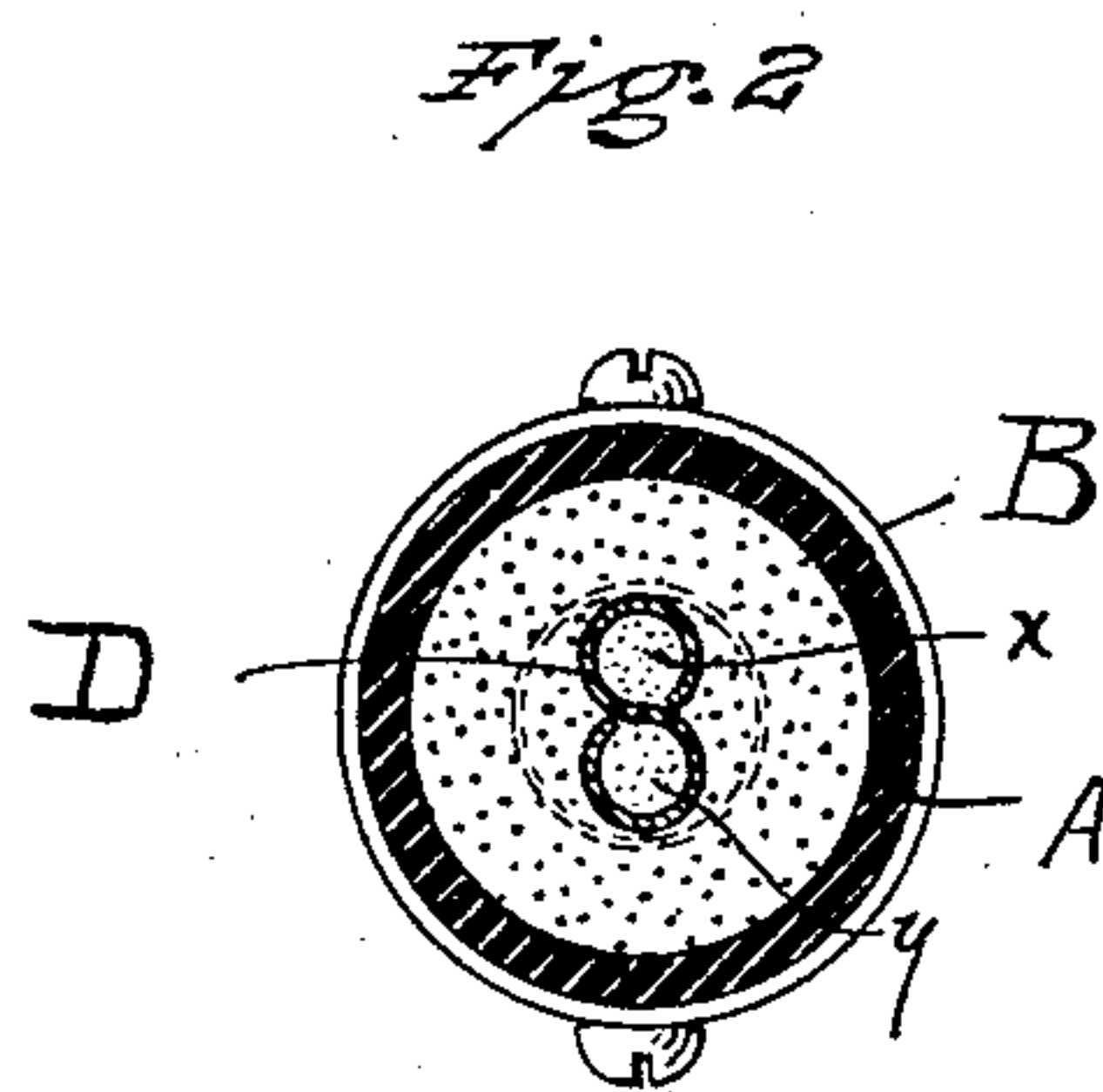
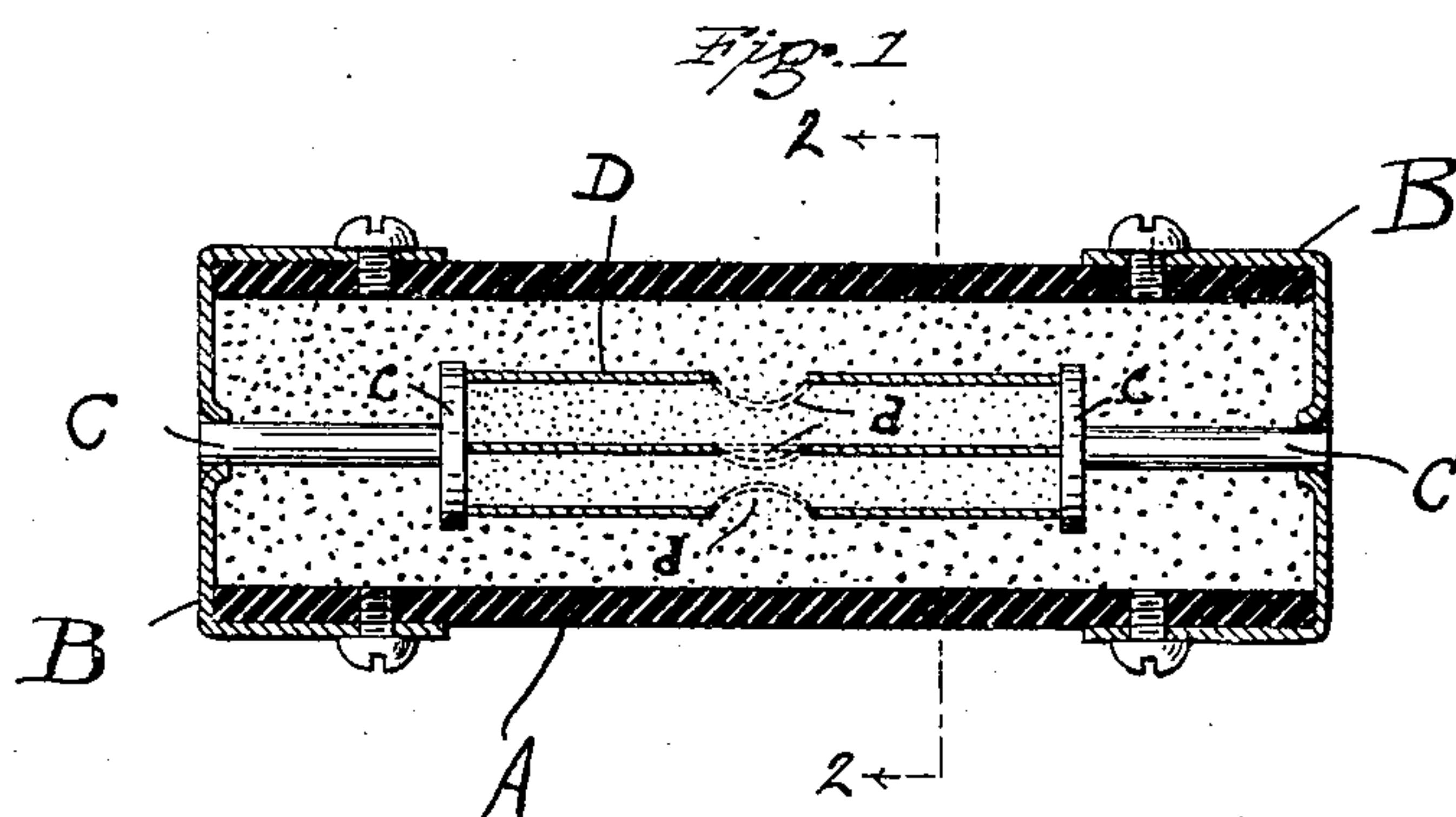


F. P. POOLE.
INCLOSED FUSE.
APPLICATION FILED DEC. 17, 1908.

931,478.

Patented Aug. 17, 1909.



WITNESSES
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UNITED STATES PATENT OFFICE.

FREDERICK P. POOLE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

INCLOSED FUSE.

No. 931,478.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed December 17, 1908. Serial No. 468,004.

To all whom it may concern:

Be it known that I, FREDERICK P. POOLE, a citizen of the United States of America, and residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented a certain new and Improved Inclosed Fuse, of which the following is a specification.

The object of the present invention is to provide an electrical inclosed fuse having a fuse link of novel form by which new and improved results are obtainable as hereinafter described.

In the accompanying drawing, Figure 1 is a vertical section of an inclosed fuse in which my improved fuse link is mounted; and Fig. 2 is a transverse section on the line 2—2, Fig. 1.

To illustrate the invention I have shown a cartridge fuse having the usual sheath A of insulating material, with conducting caps B and rods C carrying buttons *c* between which the fuse link D is mounted. The latter in its improved form is cut from thin sheet metal from which holes *d* are punched to lessen the amount of metal at a convenient fusing point intermediate the ends of the link. The edges of the blank, length-

wise of its axis, are then rolled over to form, in cross section (see Fig. 2) a figure 8, thus inclosing two chambers *x* and *y* which are sealed by the mounting of the link between the buttons *c*. This form permits of filling these chambers with powders of different character or of the same character but different from that which surrounds the link as a whole.

A fuse of this type is much more economically manufactured than one in which a plurality of independent closed links are employed, while securing the advantages of the latter in the particulars mentioned.

I claim as my invention:

An inclosed fuse having a sheath with conductors and between the conductors a link having its edges lengthwise of its axis rolled up to form, in cross section, a figure 8, said conductors serving to close the ends of the chambers in the link so formed.

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

FREDERICK P. POOLE.

Witnesses:

G. W. GOODRIDGE,
H. W. GOLDSBOROUGH