H. W. YOUNG.

FUSE HOLDER.

APPLICATION FILED JAN. 10, 1913.

1,067,498. Patented July 15, 1913.

Fig. 1.

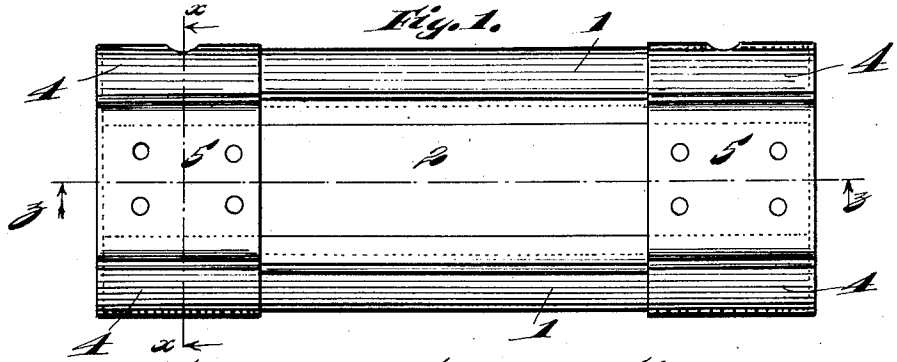


Fig. 3.

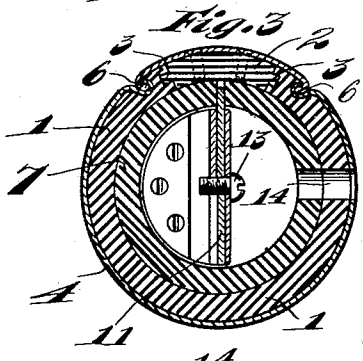


Fig. 4.

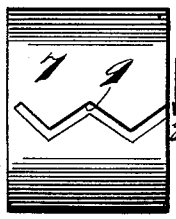


Fig. 2.

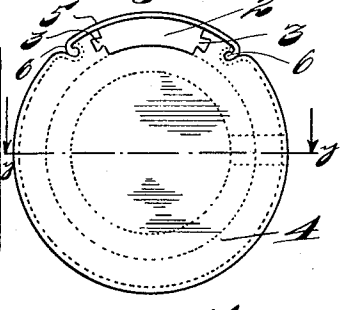


Fig. 5.

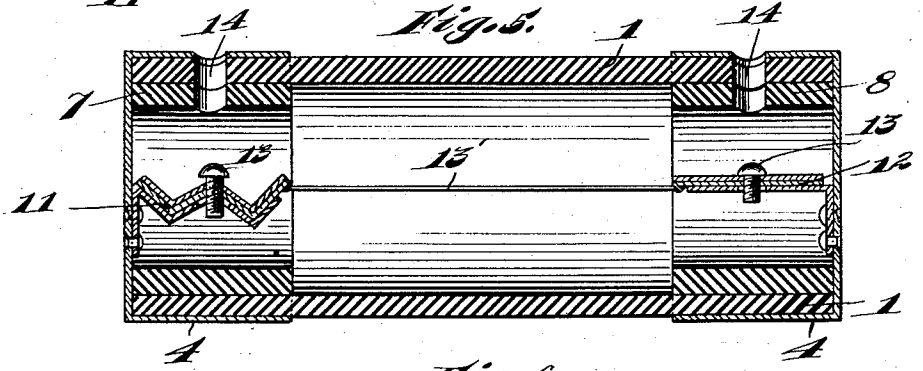


Fig. 6.

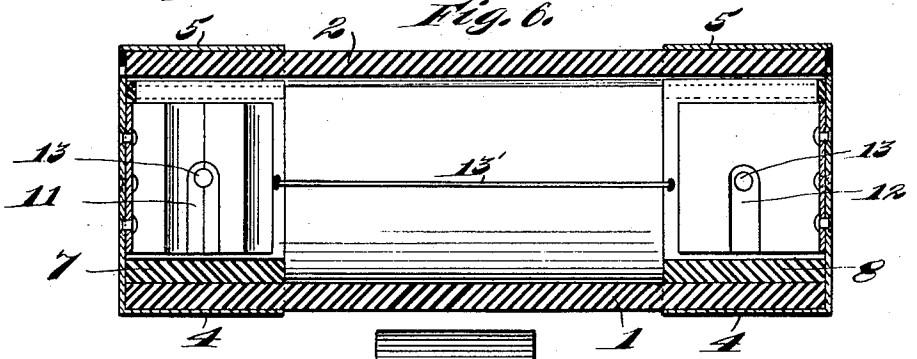
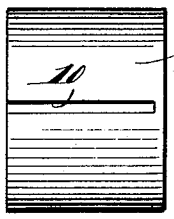


Fig. 7.



Witnesses:
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B. G. Richards

Inventor:
Harry W. Young,
By Joshua R. H. Potts
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UNITED STATES PATENT OFFICE.

HARRY W. YOUNG, OF CHICAGO, ILLINOIS.

FUSE-HOLDER.

1,067,498. Specification of Letters Patent. Patented July 15, 1913.

Application filed January 10, 1913. Serial No. 741,170.

To all whom it may concern:

Be it known that I, HARRY W. YOUNG, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Fuse-Holders, of which the following is a specification.

My invention relates to improvements in fuse holders and has for its object the provision of a device of this character which is of improved construction and operation.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification, and in which,

Figure 1 is a side elevation of a holder embodying my invention, Fig. 2, an end view of said holder, Fig. 3, a section taken on line *x*—*x* of Fig. 1, Fig. 4, a detail view of one of two sleeves employed in the construction, Fig. 5, a longitudinal section taken on line *y*—*y* of Fig. 2, Fig. 6, a longitudinal section taken on line *z*—*z* of Fig. 1, and Fig. 7, a detail view of the other sleeve employed in the construction.

The preferred form of construction, as illustrated in the drawing comprises a tube 1 of fiber or other suitable insulating material, said tube being provided at one side with a longitudinal opening extending the full length thereof. A cover plate 2 also of insulating material is arranged to slide longitudinally in the opening in tube 1 to open and close said opening, the longitudinal edges of said opening being longitudinally grooved and the sides of said cover plate being provided with tongues 3 sliding in said grooves. The ends of tube 1 are closed by metallic end caps 4 which also serve as the usual line terminals, as will be readily understood by those skilled in the art. Each of the end caps 4 is provided with an opening corresponding with the opening in tube 1 only somewhat larger, and cover plate 2 is provided with metallic plates at its ends, the edges of said plates and the edges of the openings in end caps 4 being provided with interlocking lips 6, the sides of tube 1 being grooved to accommodate said lips as indicated in Fig. 3. By this arrangement access is given to the interior of tube 1 and the opening securely closed.

Sleeves 7 and 8 also of insulating material are inserted in the ends of tube 1, sleeve 7 being provided with a zig zag slot 9 and sleeve 8 being provided with a straight slot 10, said slots being arranged opposite the openings in tube 1 and end caps 4. Metallic clamping members 11 and 12 are arranged in the respective ends of tube 1 being riveted to the corresponding end caps 4 and provided with clamping screws 13 for securing the ends of the fuse member 13′ in position. This specific form of clamping member 11 constitutes the subject matter of my prior application, filed December 14th, 1912, Serial No. 736,842 and no claim is made to the same here.

Openings 14 are provided in the walls of tube 1, end caps 4 and sleeves 7 and 8 to give access to clamping screws 13.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A device of the class described comprising a tube having a longitudinal opening in one side extending the full length thereof, the longitudinal sides of said opening being grooved; metallic end caps for said tube, said end caps being provided with openings corresponding with the opening in the tube; a longitudinally slidable cover plate arranged in said opening and provided with tongues sliding in said grooves; and metallic plates on the ends of said cover plate slidably engaging said end caps, substantially as described.

2. A device of the class described comprising a tube having a longitudinal opening in one side extending the full length thereof, the longitudinal sides of said opening being grooved; metallic end caps for said tube, said end caps being provided with openings corresponding with the openings

in the tube; a longitudinally slidable cover plate arranged in said opening and provided with tongues sliding in said grooves; and metallic plates on the ends of said cover plate slidably engaging said end caps, said plates and end caps being provided with interlocking lips, substantially as described.

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

HARRY W. YOUNG.

Witnesses:
JOSHUA R. H. POTTS,
B. G. RICHARDS.