

E. SCHAEFER.
FIRE EXTINGUISHER HOLDER.
APPLICATION FILED MAR. 7, 1910.

1,038,000.

Patented Sept. 10, 1912.

Fig. 1.

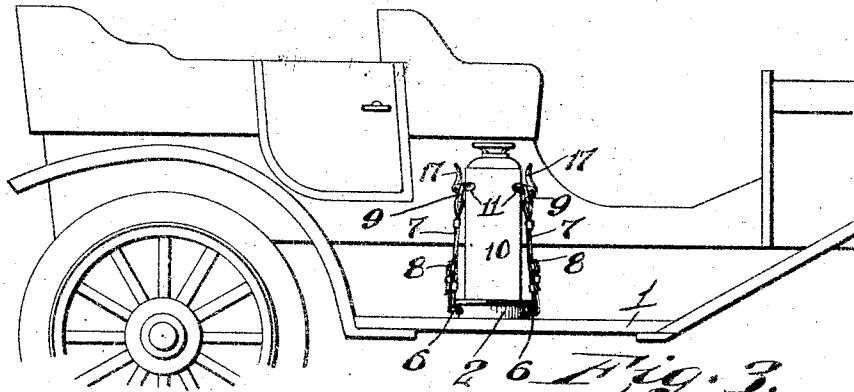


Fig. 2.

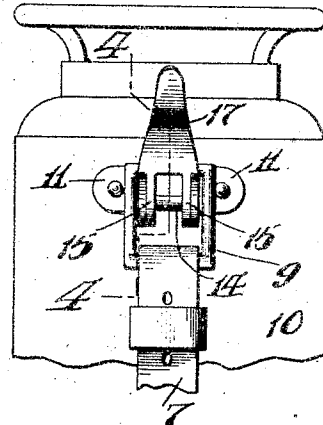
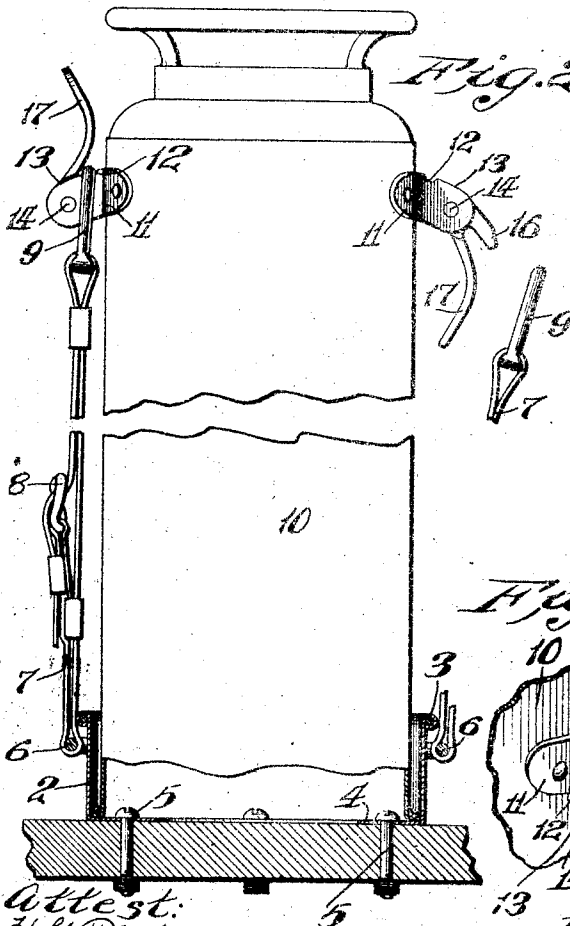


Fig. 4.

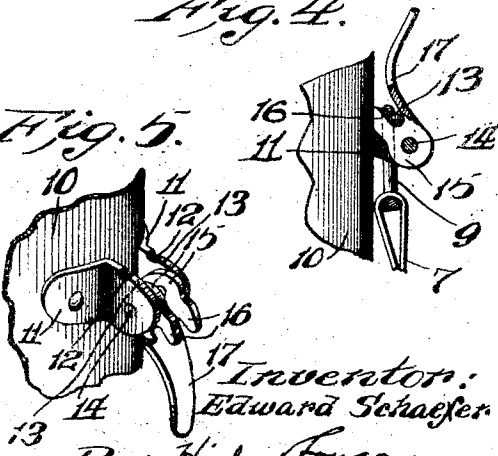
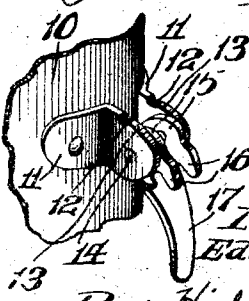


Fig. 5.



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EDWARD SCHAEFER, OF ST. LOUIS, MISSOURI, ASSIGNOR TO MISSOURI LAMP & MFG. CO., OF ST. LOUIS, MISSOURI, A CORPORATION OF MISSOURI.

FIRE-EXTINGUISHER HOLDER.

1,038,000.

Specification of Letters Patent.

Patented Sept. 10, 1912.

Application filed March 7, 1910. Serial No. 547,849.

To all whom it may concern:

Be it known that I, EDWARD SCHAEFER, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Fire-Extinguisher Holders, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in holders for fire extinguishers, the object of my invention being to construct a holder for fire extinguishers and the like whereby the extinguishers are held in an erect position on a stationary part of a vehicle such as the running-board of an automobile, and to provide a readily detachable means for connecting the fire extinguisher with the holder.

For the above purposes my invention consists in certain novel features of construction and arrangement of parts as will be hereinafter more fully described, pointed out in the claim and illustrated by the accompanying drawing, in which:

Figure 1 is an elevation illustrating my improved holder as applied for use in holding a fire extinguisher on the running-board of an automobile; Fig. 2 is an enlarged, detail elevation illustrating in section the base of the holder and a portion of the running-board of the automobile, the flexible connections between the base and the fire extinguisher and the means for connecting the flexible connections with the fire extinguisher; Fig. 3 is an elevation taken at right angles to Fig. 2 illustrating one of the devices for connecting the flexible connection with the fire extinguisher; Fig. 4 is a vertical, sectional elevation taken on the line 4-4 of Fig. 3; and Fig. 5 is a detail, perspective of one of the devices secured to the fire extinguisher for connection with the flexible connection.

Referring by numerals to the accompanying drawing: 1 designates the support for the extinguisher which, as shown, is the running board of an automobile.

2 designates the holder proper which is preferably formed in the shape of a metallic ring, reinforced at its upper margin by a wire 3 and by crimping or turning the ring about the wire. Formed integral with the body portion of the holder 2 is a right angled extension 4 forming an open bottom

which is perforated at intervals for the insertion of bolts or screws 5 for securing the holder to the support 1. Secured to the holder at diametrically opposite points and projecting laterally are the metallic straps 6. Embracing each of the metallic straps 6 is a flexible strap 7 having buckles 8 for varying the lengths thereof, and carried at the free end of each of the straps 7 is a link 9.

10 designates a fire extinguisher of the portable variety which is positioned within and embraced at its lower portion by the holder 2. Secured to the periphery of the fire extinguisher adjacent its top and at diametrically opposed points are pairs of perforated ears 11, each of which is provided with an integral lateral extension for securing the ear to the fire extinguisher and each of which is provided with a notch 12 in its upper margin adjacent the lateral extension and each of which ears has an inclined upper margin 13. Carried by the ears 11 is a pivot 14. Mounted on each of the pivots 14 is a means for connecting the flexible strap to the fire extinguisher, each of which is cast complete in one piece and comprises two perforated ears 15, each of which ears is provided with an integral extension 16. Formed integral with said ears is an operating handle 17 which is preferably formed on a longitudinally curved line. The extensions 16 together with said handle form recesses designed to receive a portion of the links 9 and to carry the links in a portion of their travel over the inclined faces of the ears 11. After the link has been positioned over the handle 17 and moved a certain distance over the inclined margins 13 of the perforated ears, a continued movement of the handle will force the link to a position occupying the notches 12, and by reason of the notches 12 being located in planes inside the pivotal points of the handle it is obvious that the links are locked against movement relative the ears 11. To unseat the links from the notches 12, it is necessary only to move the operating handle outwardly, thus causing the extensions 16 to lift the links out of said notches.

While I have shown and described my improved holder as applied to an automobile for carrying a fire extinguisher, I do not wish to be understood as limiting myself to such a use as it is obvious that the same

may be used for holding various devices such as gas tanks for automobiles and may be used further in vehicles of various varieties and for holding various devices.

- 5 In the practical operation of the device, assuming the holder 2 to be positioned on any suitable support and provided with the flexible straps 7, it is obvious that a device such as a fire extinguisher, provided with
- 10 perforated ears such as 11, may be securely fixed in a carrying position to the holder, the holder preventing lateral movements of the fire extinguisher and the flexible connections between the holder and the extinguisher preventing vertical movements
- 15 of the holder. By reason of the connection between the flexible straps and the extinguisher it is obvious that the extinguisher may be rapidly detached from the flexible
- 20 straps when it is desired to use the extinguisher, and when the extinguisher is again placed in the holder it is obvious that the flexible straps may be as quickly secured in a carrying position.
- 25 While I have shown and described a tongue buckle for adjusting the length of the straps 7, I do not wish to be understood as limiting myself to such a means, as any well known adjusting means may be em-

ployed without departing from the spirit 30 of my invention.

I claim:

In a fire extinguisher holder for automobiles, a ring arranged to support and embrace the lower end of a fire extinguisher, 35 means for securing the ring to a fixed support carried by the automobile, a pair of flexible straps secured to said ring, means for varying the lengths of said straps, links 40 of downwardly and outwardly inclined ears secured to the fire extinguisher at diametrically opposite points, there being a notch in the upper margin of each of said ears, and a handle pivotally supported in each 45 pair of ears at points laterally removed from said notches, integral extensions carried by each of said handles approximately parallel therewith, said handles and extensions arranged to seat or unseat said links 50 in or out of said notches.

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

EDWARD SCHAEFER.

Witnesses:

E. E. LONGAN,
E. L. WALLACE.