

D. P. Lewis,

Hose Bridge,

N^o 71,026.

Patented Nov. 19, 1867.

Fig 1.

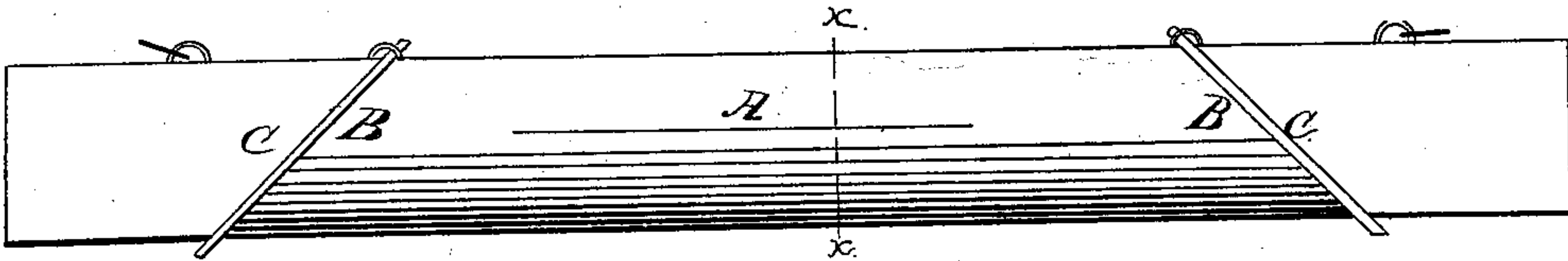


Fig: 3.

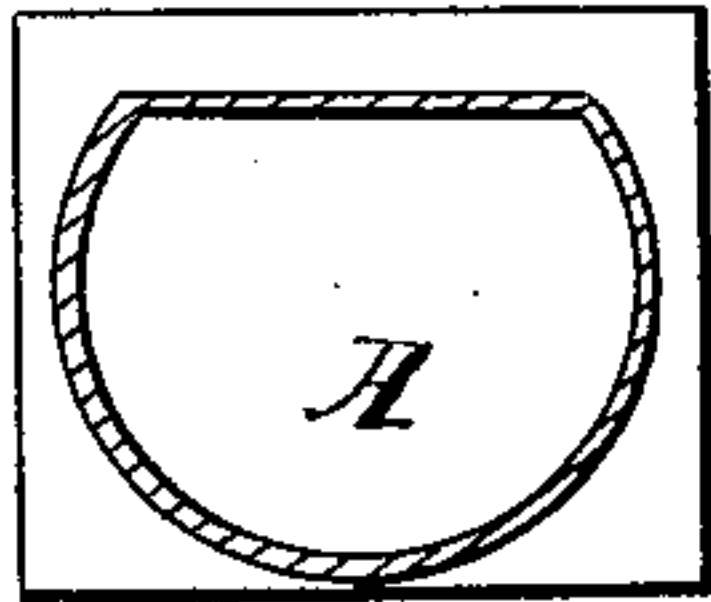
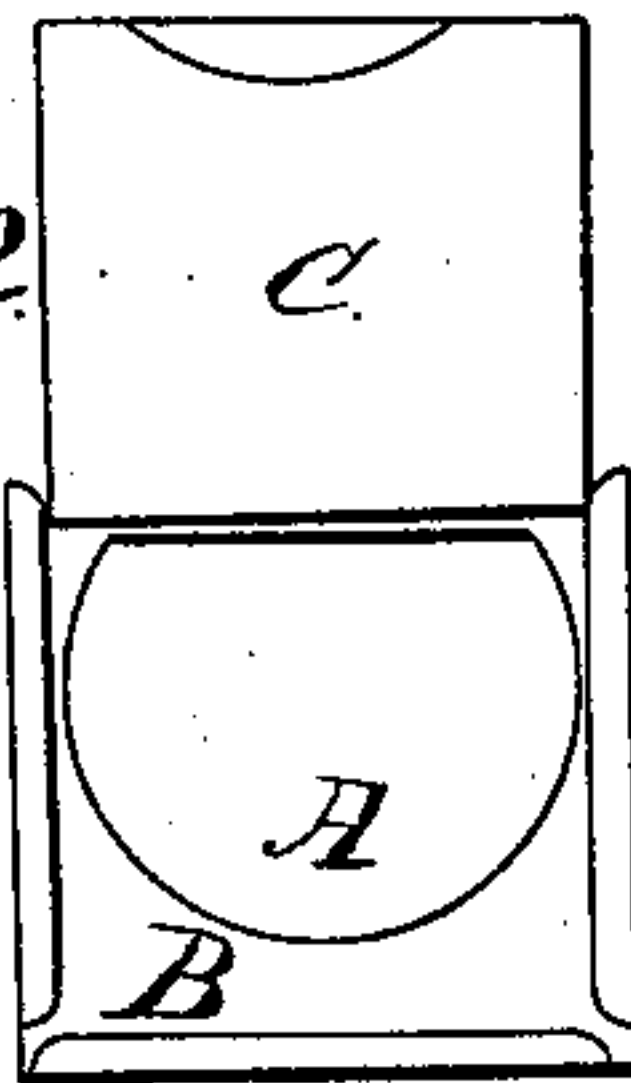


Fig 2.



Witnesses:

*Thos Grise
J. Brewer.*

Inventor:

*D. P. Lewis
Per *Wm. H. C.*
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United States Patent Office.

DAVID P. LEWIS, OF HUNTSVILLE, ALABAMA.

Letters Patent No. 71,026, dated November 19, 1867.

IMPROVED HOSE-GUARD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DAVID P. LEWIS, of Huntsville, in the county of Huntsville, and State of Alabama, have invented a new and improved Hose-Guard; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a guard for the hose of fire engines when laid across the street having railroad tracks, in cases of fires, the object of which is to allow the running of the cars and at the same time afford no obstruction to the free passage of the water through the hose. In the accompanying plate of drawings my improved hose-guard is illustrated—

Figure 1 being a side view of the same.

Figure 2 an end view of the same opened; and

Figure 3 a transverse section, taken in the plane of the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents a tube or casing for the hose, made of iron or other metal, and sufficiently large to admit of the hose when distended with water, and allow the free passage of water through it. This tube is to be sufficiently long for it to pass entirely under the width of the railroad track, beneath the irons thereof, and thick enough to resist the pressure to which it may be subjected. The ends B to this tube A are closed by a gate or door, C, arranged to slide thereon, and to be easily inserted and withdrawn, as may be desired, these doors C, when across the open ends, preventing the entrance or passage of dirt to the interior of the tube which would obstruct the same. The ends to the tube A are cut off at an angle of forty-five degrees, or thereabouts, with the lower side the longer, so as to allow the hose to be the more easily inserted. It is intended to use a block or stone, with a ring or staple fastened on it, and shaped to fit the ends of the tube, for each end of the tube in the pavement or roadway, which, when removed, afford a space for the hose to enter the tube and pass out therefrom, and to increase the convenience of access to the tube. Several tubes may be cast together for a number of hose.

I claim as new, and desire to secure by Letters Patent—

A guard for hose or tubing, made substantially as described, for the purpose specified.

The above specification of my invention signed by me this 29th day of July, 1867.

DAVID P. LEWIS.

Witnesses:

W. B. FARISS,

BENJ. JOLLEY.