No. 675,394. Patented June 4, 1901.

J. LAVIGNE.

HOSE SUPPORTER.

(Application filed Mar. 7, 1901.)

(No Model.)

Fig. 2.

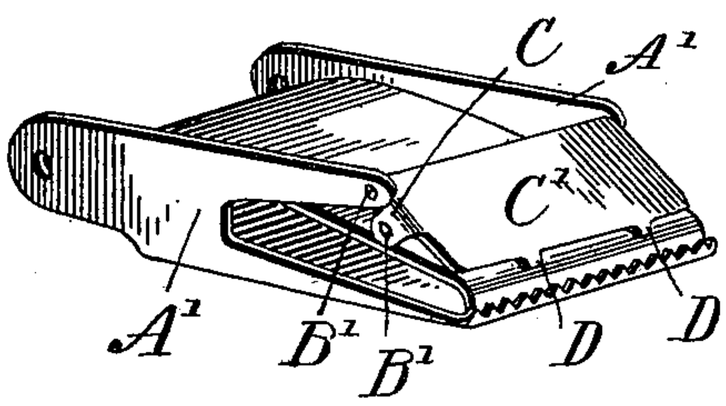


Fig. 3.

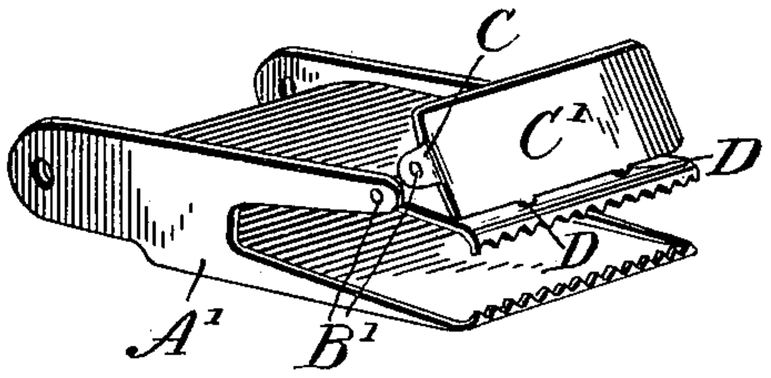


Fig. 5.

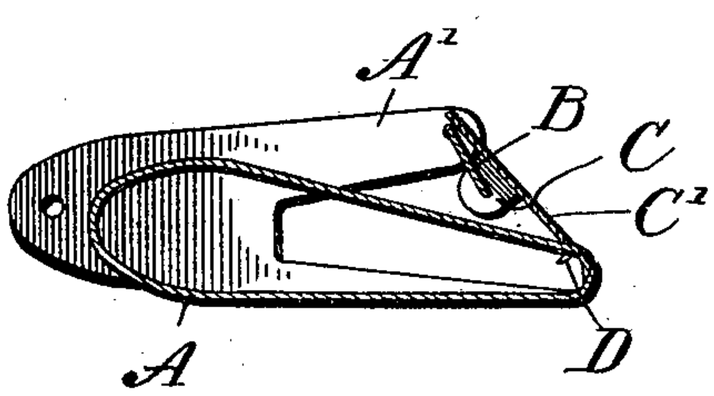
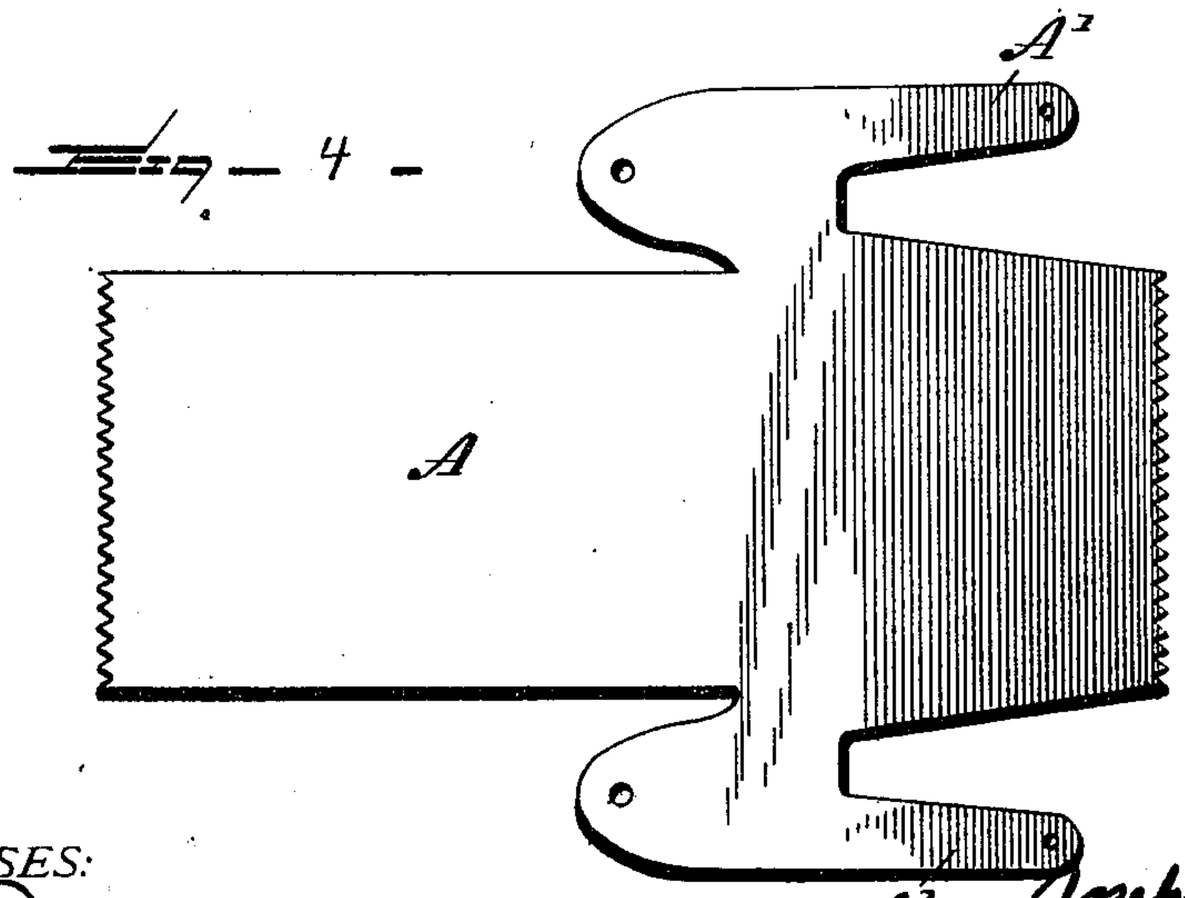


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOSEPH LAVIGNE, OF WATERTOWN, NEW YORK.

HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 675,394, dated June 4, 1901.

Application filed March 7, 1901. Serial No. 50,234. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH LAVIGNE, a citizen of the United States, residing at Watertown, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Hose-Supporters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in hose-fasteners, and especially to a spring-actuated fastener the jaws of which are made of a single piece of metal, the edge of the plate being bent at right angles to the jaws and between which the pivotal means is carried for holding the jaws in a clamping relation.

My invention will be hereinafter more fully described and then specifically defined in the appended claims, and is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings similar letters of reference indicate like parts in the several views, in which—

Figure 1 is a perspective view of my improved hose-supporter, showing the jaws held together. Fig. 2 is a similar view showing the jaws open. Fig. 3 is a central sectional view through the fastener; and Fig. 4 is a detail view showing the shape of the blank forming the jaws and before being bent to form jaws, as shown in Figs. 1 and 2.

Reference now being had to the details of the drawings by letter, A designates a sheet of metal having wings A′, which when the fastener is completed form its sides. The ends of the plate are formed with teeth, as usual in fasteners of this type, the spaces between the free ends of said wings and the edges of the plate being provided, so as to allow room for the edge of the hose, which is clamped by the jaws. To the free apertured ends of said wings is pivoted a buckling member B, having lugs B′, and to said lugs are pivoted the apertured lugs C, which are integral with the jaw-holding plate C′. These lugs C are bent at right angles to the length of the plate of which they are a part and are journaled on the lugs B′. On the inner edge of said plate C′ are hooks D, which are adapted to engage and hold the inner edge of the plate C′ to one of said jaws, the hooks entering the apertures in the jaw adjacent to its teeth, as shown in the drawings.

To force the jaws together into a clamping relation, the operator merely presses down on the plate C′, which will cause the jaws to come together. Further pressure on said plate C′ after the teeth of the jaws are brought into intermesh with one another will cause the member B to buckle, so that lugs C will contact with the free ends of said wings and the clamping ends of the jaws, as illustrated in the view showing the jaws held together.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

1. A hose-supporter, consisting of a plate of metal bent to form clamping-jaws, integral wings on said plate at right angles to the face thereof with spaces intervening between corresponding ends of said wings and the edges of the plate, a buckling member pivoted at its ends, and adjacent to its longitudinal edge, to the ends of said wings, and a clamp-engaging plate having angled ears which are pivoted to the ends of said buckling member, and hooked to one of said clamping-jaws, as set forth.

2. A hose-supporter, consisting of a piece of metal bent to form two clamping-jaws with integral wings on the edges thereof, a buckling member pivoted at its ends adjacent to one of its longitudinal edges, to said wings, a plate C′ having angled ears which are pivoted to the ends of said buckling member near its opposite longitudinal edge, and hooks D on said plate which engage apertures in one of said jaws adjacent to its clamping edge, as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

JOSEPH LAVIGNE.

Witnesses:
E. L. HUTCHINGS,
FRANK WURZEL.