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F. W. LOWE.

HOSE SUPPORTER.

APPLICATION FILED JUNE 26, 1905.

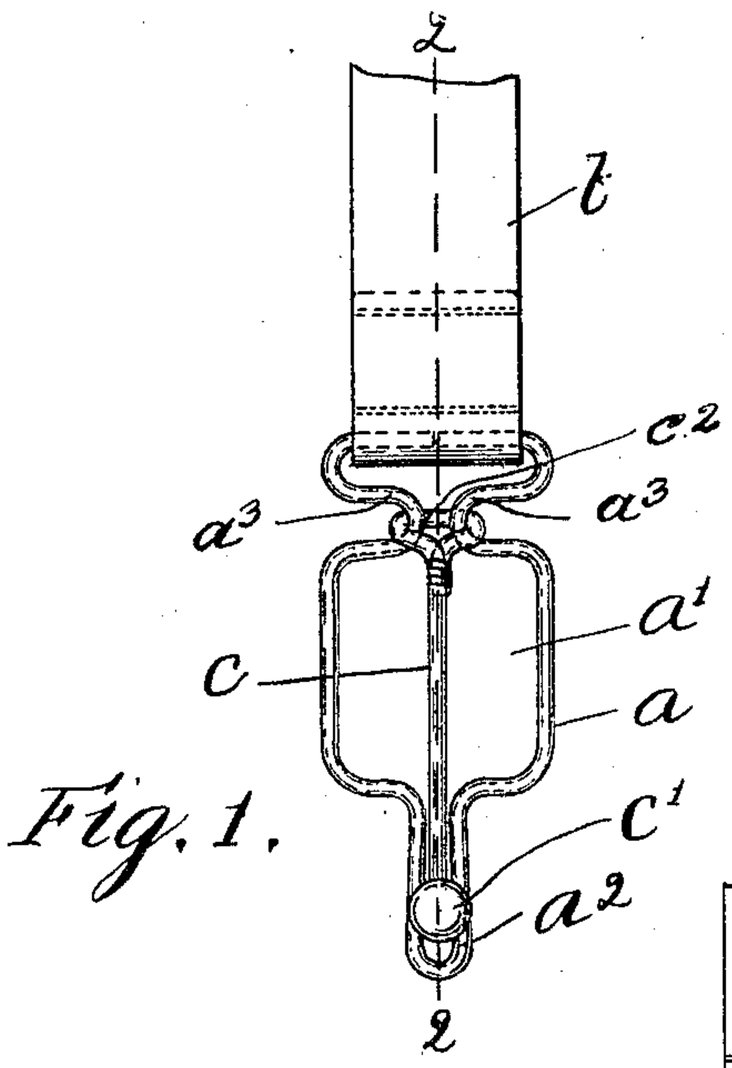

Fig. 1.

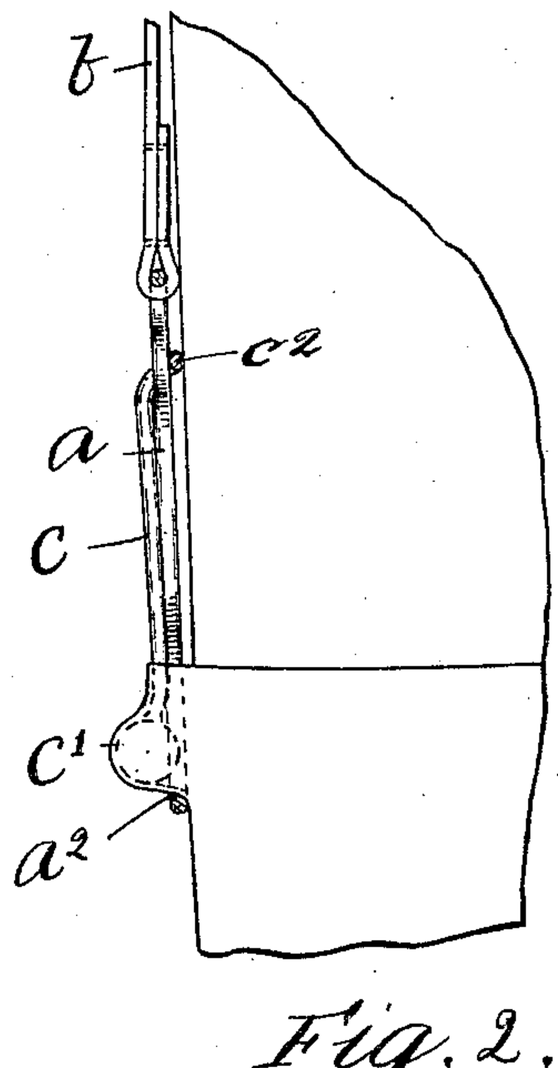

Fig. 2.

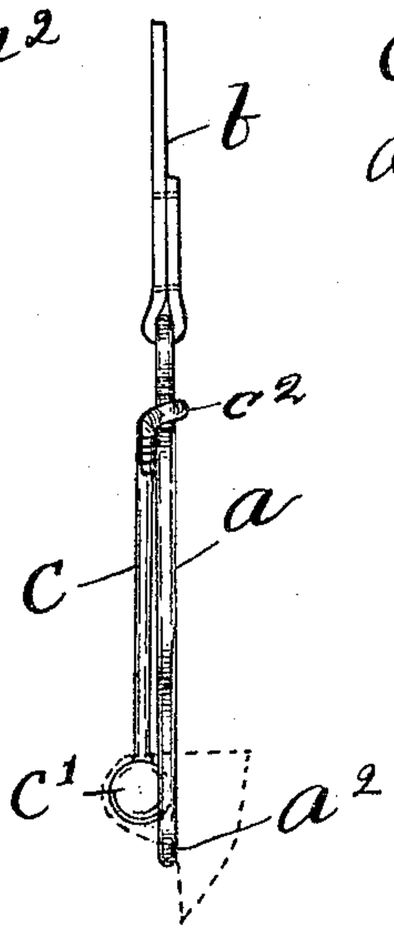

Fig. 3.

Witnesses:
H. B. Davis.
Cynthia Doyle

Inventor:
F. W. Lowe
by Hoyt & Hamilton
Attys.

UNITED STATES PATENT OFFICE.

FRANK W. LOWE, OF BOSTON, MASSACHUSETTS.

HOSE-SUPPORTER.

No. 799,570. Specification of Letters Patent. Patented Sept. 12, 1905.

Application filed June 26, 1905. Serial No. 266,944.

To all whom it may concern:

Be it known that I, FRANK W. LOWE, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Hose-Supporters, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

This invention relates to certain improvements in fasteners for hose-supporters, and more particularly to that class of fasteners in which a rigid frame is provided having an opening from which a narrow slot leads, in combination with a tongue having a head smaller than the opening, but larger than the slotted portion thereof, which is adapted to hold the cloth from slipping through said slot.

The object of my invention is to produce a device of this character which is of simple construction and which is adapted to be applied readily to the hose.

In the drawings, Figures 1 and 3 are respectively a plan and edge view of my device, and Fig. 2 is a sectional view on line 2 2 of Fig. 1.

As shown in the drawings, a frame a of rigid material is provided, said frame having a central opening a', from which a relatively narrow slot a^2 leads and extends longitudinally of the frame, said slot being closed at its opposite end from said opening a'. A webbing b is secured to the opposite end of the frame from the slotted end thereof, said frame being provided with two inwardly-extending loops a^3 adjacent the webbing, and a universally-flexible elastic tongue c is secured at one end to said frame in any convenient manner, as by passing the adjacent end portion of said tongue about the frame in said loops a^3 and securing the end of the tongue to an intermediate portion thereof, forming a connecting-ring c^2. Said tongue preferably consists of a rubber strip or band of uniform diameter or approximately of the same uniform width and thickness and adapted to be passed easily into the slot a^2. A spherical head c' is formed integral with the tongue c at its free end, a diameter of the head being normally in line with the tongue and said head being of such size or diameter that it cannot be pulled through the slot a^2, although it may be easily passed through the opening a'. Said tongue and its head are preferably formed by molding them in one integral piece.

The manner of securing the hose to the fastener is similar to that employed in other devices of this character—that is, the head c' is placed against the inner or under side of the hose and the material is pressed up through the opening a' with the head. Then the material is drawn into the slot a^2, the head binding the material against the frame at each side of the slot in the usual manner.

With the above-described form of head it will not be necessary to hold it in any particular position with relation to the frame when attaching the device to the hose, as the spherical form of the head enables it to clamp the hose against the frame in any position. The flexibility and elasticity of the body portion of the tongue practically permits the head to be moved universally.

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

1. In a hose-supporter the combination of a rigid frame having an enlarged opening and a narrow slot leading therefrom, a flexible tongue connected to said frame at one end, comprising a band adapted to pass through said slot and having a spherical head formed on its other end of greater diameter than the width of said slot, substantially as described.

2. In a hose-supporter the combination of a rigid frame having an enlarged opening and a narrow slot leading therefrom, a tongue, connected to said frame at one end, comprising a rubber band adapted to pass into said slot, and a spherical head on its other end of greater diameter than the width of said slot, substantially as described.

3. In a hose-supporter the combination of a rigid frame having an enlarged opening and a narrow slot leading therefrom, a tongue, connected to said frame at one end, comprising a universally-flexible band of uniform size and adapted to pass into said slot and having a head at its other end of greater diameter than said slot, substantially as described.

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

FRANK W. LOWE.

Witnesses:
L. H. HARRIMAN,
H. B. DAVIS.