

R. H. & R. J. BROWN.
HOSE SUPPORTER.
APPLICATION FILED DEC. 18, 1909.

979,254.

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Fig. 1.

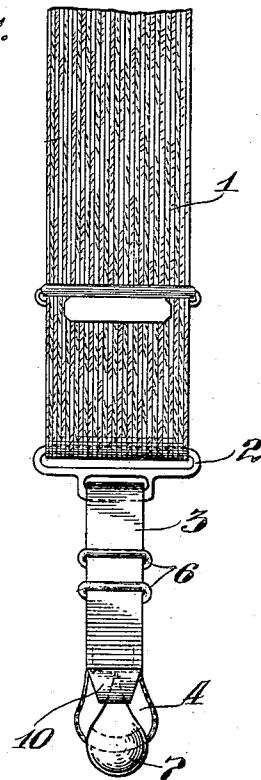


Fig. 2.

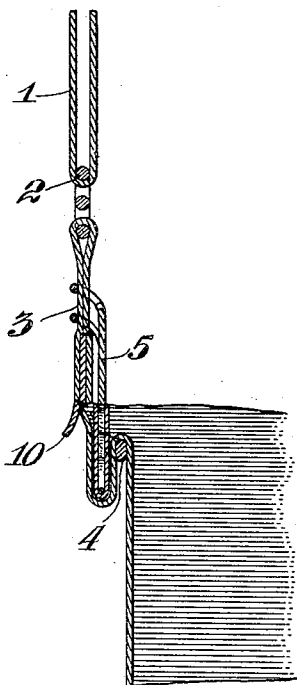


Fig. 3.

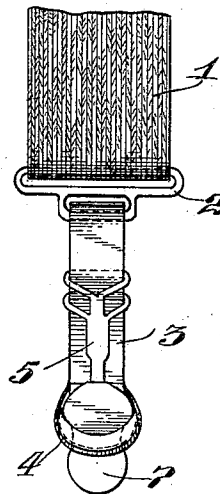
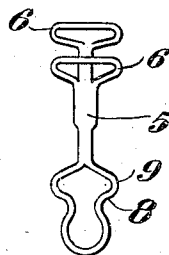


Fig. 4.



WITNESSES:

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HOSE-SUPPORTER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, RICHARD H. BROWN, residing at Sheepshead Bay, Long Island, New York, and ROBERT J. BROWN, residing at 1262 Rogers avenue, Brooklyn, New York, have invented certain new and useful Improvements in Hose-Supporters, of which the following is a full, clear, and exact disclosure.

Our invention relates to gripping devices, such as are employed to engage hose and secure them to supporters, and is an improvement on the device disclosed in our pending application Serial No. 492,885. While it is described as an improvement in hose supporters, and is specially useful with such articles, it is obvious that it has other uses and may be employed wherever a reliable gripper or clasp for fabrics is desired.

The device described in this application resembles that of the former in that both devices comprise a flexible member containing an opening and a stiff elongated member having a flat head in line with the body and adapted to pass through the opening and secure in place a fabric.

The improvements now sought to be patented relate to the stiff member and the shape of its head, whereby a more reliable operation is secured, and to other details and features which will be hereinafter pointed out.

Referring to the drawing accompanying and forming a part of this application, Figure 1 is a front view of our improved gripper attached to an elastic supporting band. Fig. 2 is a side view of the same, showing the gripper attached to a fabric. Fig. 3 is a rear view of the device as shown in Fig. 1. Fig. 4 is a front view of the stiff member with the covering removed.

The same reference numerals are used throughout the several views to designate the same parts.

The numeral 1 indicates the supporting band, which may be of any well-known construction and forms no part of our invention. To the lower end of this band there is secured a loop or ring 2, to which the flexible member 3 is secured. This flexible member is made of cloth, rubber, or any strong flexible material, and terminates at its lower end in a loop 4, also made of flexi-

ble material of any approved kind. The stiff member 5 at its upper end terminates in two rings 6, which surround the member 3, and at its lower end it has a flat head 7, adapted to pass through the loop for the purpose of securing the fabric in place, as shown in Fig. 4. Immediately back of the head, and on opposite sides of the member, are two recesses 8 formed between the head and the shoulders 9. These shoulders regulate the distance the head may be inserted in the loop, and the adjustment is such that the sides of the loop will rest in the recesses when the parts are in operative position. The head of the stiff member is preferably bent wire, as shown in Fig. 4, and covered with a fabric, as shown in Figs. 1 and 3. A flap 10 is formed near the lower end of the member 3, so that it may be readily held by the user when unclasp the device.

The operation of the device is obvious from the foregoing. The head is passed through the loop, carrying with it the fabric or hose, which it holds in the manner shown in Fig. 2. To unclasp the device the operator can grasp the flap 10 and the loops 6 and pull the head up and out of the loop, or the head may be inserted and withdrawn in the same way that a button is inserted and withdrawn. With this device the fabric is gripped evenly over a large surface and by a fabric-to-fabric grip, and there is no danger of excessive strains being thrown on a few threads of the fabric.

What we claim is:

In a device of the kind described, a flexible member having an opening, a stiff member cooperating with said flexible member having a head in line with the body and adapted to pass through the opening in said flexible member, and shoulders projecting from said stiff member just above the head limiting the distance the said head can enter the opening in the flexible member and also acting to bind the fabric between said shoulders and the flexible member, substantially as described.

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Witnesses:

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JOHN W. PETERS.