

No. 870,544.

PATENTED NOV. 12, 1907.

L. M. CHURCHILL.
HOSE SUPPORTER.

APPLICATION FILED APR. 13, 1907.

Fig. 1

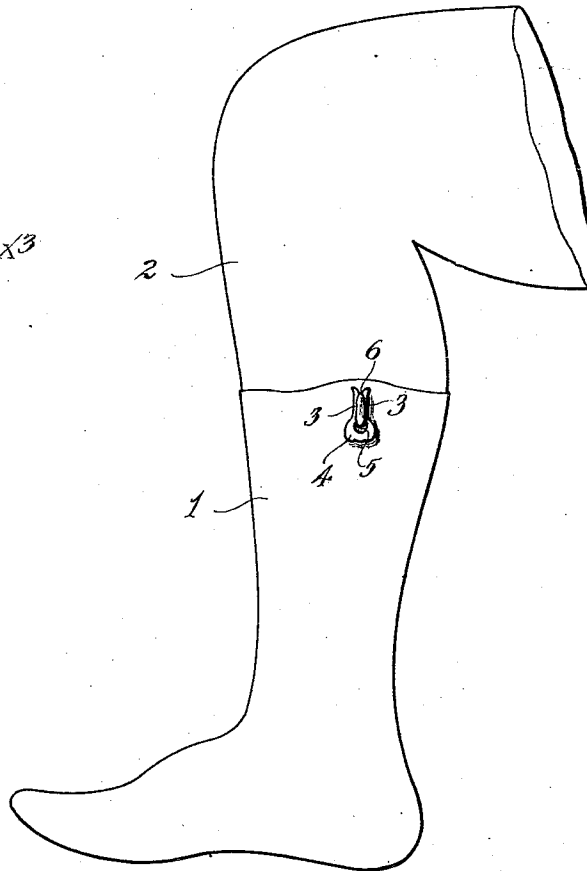


Fig. 2

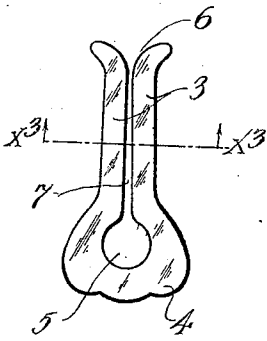


Fig. 3



Witnesses:

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UNITED STATES PATENT OFFICE.

LEVI M. CHURCHILL, OF MINNEAPOLIS, MINNESOTA.

HOSE-SUPPORTER.

No. 870,544.

Specification of Letters Patent.

Patented Nov. 12, 1907.

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To all whom it may concern:

Be it known that I, LEVI M. CHURCHILL, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have

invented certain new and useful Improvements in Hose-Supporters; and I do hereby 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.

My invention has for its object to provide a very cheap and extremely efficient hose supporter, and to this end it consists of the novel devices hereinafter described and defined in the claims.

Certain features disclosed in this application are disclosed and broadly claimed in my copending application S. N. 353,247, filed January 21, 1907, entitled "Hose supporters."

Hitherto, various hose supporters have been provided, some of which act partly in the nature of a garter to support the hose from the wearer's leg, and others of which serve to secure the upper part of the hose to the leg of the drawer or under garment. Devices of the latter noted character as hitherto provided have in all cases, so far as I am aware, involved two fastening devices, one for action on the hose, and one for action on the under garment.

In accordance with my invention, I provide a clamping fork which is stamped from a single piece of flat and quite thin sheet metal, and which is adapted to hold together interlapped folds of the hose and under garment, and to thereby securely attach the upper portion of the hose to said garment.

The invention is illustrated in the accompanying drawings, wherein like characters indicate like parts throughout the several views.

Referring to the drawings, Figure 1 is a perspective view, showing one of my improved hose supporters applied to secure the upper portion of the hose to the leg of an under garment. Fig. 2 is a plan view showing the improved supporter removed from working position; and Fig. 3 is a section taken on the line $x^3 x^3$ of Fig. 2.

In Fig. 1, the numeral 1 indicates the hose and the numeral 2 the leg of an under garment to which is secured one of my improved supporters.

The improved supporter is made from a single piece of thin sheet metal, preferably cut or stamped in the desired form by means of dies. It is provided with clamping prongs 3 that are formed integral with a flat expanded head 4 having a large eye or perforation 5. The points of the prongs 3 are rounded and flare outward at 6 to adapt the device for application to the interlapped fold of the hose and under garment. Between the prongs 3 a narrow slot 7 is formed. This slot tapers slightly outward toward the converging surfaces 6, or otherwise stated, flare slightly inward toward the eye 5. This is done because when the supporter is tightly forced onto the interlapped fold, the prongs thereof will spring and spread slightly and if they were normally parallel would, when applied as shown in Fig. 1, be caused to flare slightly toward the ends of the prongs. With the construction just noted, the prongs when sprung to a maximum will stand approximately parallel to each other and thus maintain a much firmer grip on the fold. The device being made flat will, when applied in working position, lie close to the leg and at the same time it is very strong because the metal is distributed in the plane in which the strains are applied to the prongs thereof. Also, the device may be very cheaply constructed. In practice it has usually been stamped from sheet brass and is sometimes nickel plated and sometimes plated with silver and gold. It has been found highly efficient for the purposes had in view.

What I claim is:

A hose supporter constructed from a single piece of flat sheet metal and comprising a flat head portion 4 and cooperating spring prongs 3, the said prongs having flaring outer ends 6, and the adjacent inner edges of which prongs diverge or flare from said diverging end portions 6 inward toward said head 4 and terminate in an eye or enlarged opening 5 formed in said head 4, substantially as described.

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

LEVI M. CHURCHILL.

Witnesses:

MALIE HOEL,

F. D. MERCHANT.