

(No Model.)

J. C. COVERT.
TROUSERS STRETCHER.

No. 454,855.

Patented June 30, 1891.

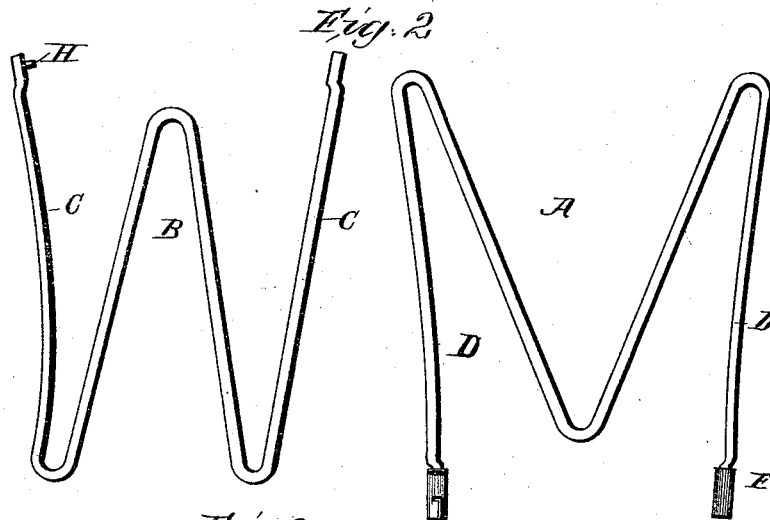
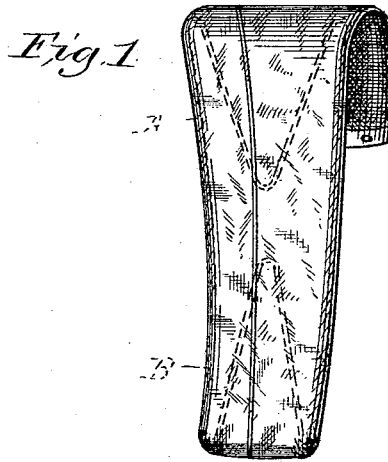


Fig. 3.

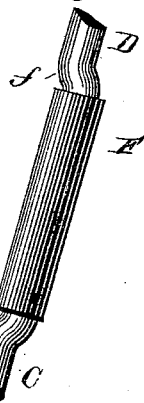
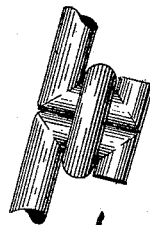


Fig. 4



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES C. COVERT, OF WEST TROY, NEW YORK.

TROUSERS-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 454,855, dated June 30, 1891.

Application filed May 14, 1890. Serial No. 351,754. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. COVERT, a citizen of the United States, residing at West Troy, in the county of Albany and State of New York, have invented certain new and useful Improvements in Pants-Stretchers; 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 relates to an improvement in pants-stretchers; and it consists in the peculiar construction and arrangement of parts, more fully hereinafter described, and definitely pointed out in the claims.

The object of my invention is to provide a simple and inexpensive stretcher for the legs of pants, embodying the required simplicity of structure, which adapts it more especially for traveling purposes.

A further object is to provide a stretcher which may be used as a whole or part stretcher for the entire leg or a portion only. This object I attain by the construction illustrated in the accompanying drawings, wherein like letters of reference indicate corresponding parts in the several views, and in which—

Figure 1 represents a side view of my improved stretcher in position. Fig. 2 is a similar view with the parts separated. Fig. 3 is a detail view of one of the joints, and Fig. 4 is a detail view of a modified form of joint.

In the drawings, A represents the upper and B the lower portion of a stretcher, which is composed preferably of spring metal, the respective portions being formed in any desirable shape and manner to acquire the necessary amount of resiliency to enable the stretcher to be inserted in the leg of a pair of trousers, the side bars C and D being bent to conform to the shape of the pants-leg. This stretcher is preferably, when the parts are united, of a length equal to the length of the leg, and when separated the lower portion is adapted to occupy the lower part of the leg, including the knee, and the other part the upper portion of the leg.

On the ends of the side bars D, I form sockets F, having previously bent the metal near the end inward the width of the socket, as at f, to make an even bearing-surface on the outer edge of the metal by bringing the outer

surface of the socket even with the metal, thereby presenting a smooth surface for the goods to bear against. The ends of the side bars C are preferably bent inward similar to those just described, and fit in the sockets when the portions are adjusted together. One or both of the sockets may be loosely secured on the ends of the bars to permit of their being turned, and an L-shaped groove G cut in their inner upper side, in which a pin or projection H on the opposite bar is adapted to fit, and by turning the socket secure the ends together.

In Fig. 4 I have shown the ends bent at an angle inward and a sleeve I placed over the same. By this construction a hinged joint is formed, which in some cases is preferable. By this construction it will be seen that a double stretcher is produced capable of being used separately or together, as desired. By uniting the ends in the manner described the parts may be readily united or separated. It will also be noted that by separating the upper from the lower part the stretcher may be easily folded, so as to occupy a small amount of space, and may be placed in a traveling-bag with but little trouble.

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

1. A metal pants-stretcher consisting of a spring-wire frame formed to conform to the entire leg of the pants and divided at its vertical sides into two detachable parts to fit, respectively, into the upper and lower portion of the leg, and means for uniting the adjacent ends of the parts, whereby they may be used as a whole or part stretcher, substantially as described.

2. A metal pants-stretcher consisting of a spring-wire frame divided centrally at its sides and having its meeting ends bent in, and sockets on the ends of one part formed of metal, the thickness of which is equal to the bend of the metal in the ends of the frame, whereby a smooth outer surface is presented when the parts are united, substantially as described.

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

JAMES C. COVERT.

Witnesses:

L. S. BACON,
F. R. CORNWALL.