No. 789,180. PATENTED MAY 9, 1905.

C. J. SPRUCE.

TROUSERS HANGER.

APPLICATION FILED DEC. 17, 1904.

Fig. 1.

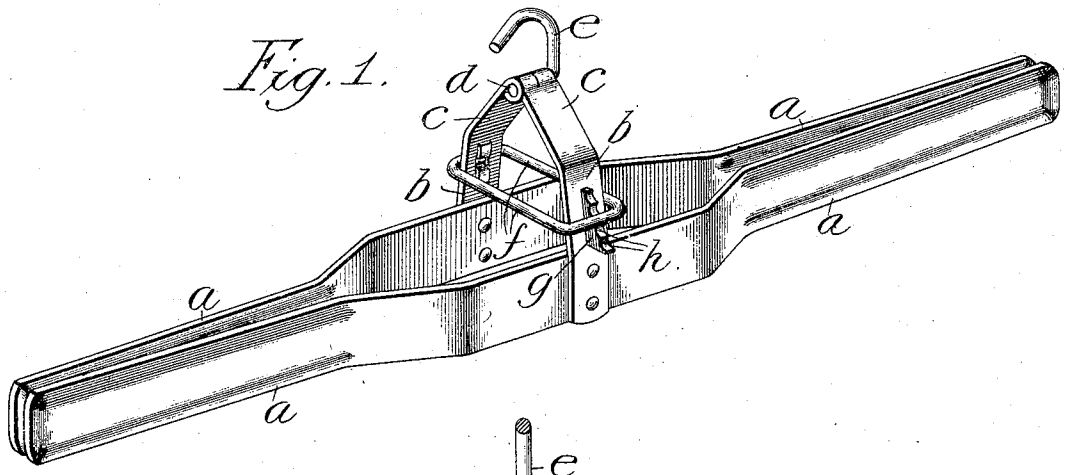


Fig. 2.

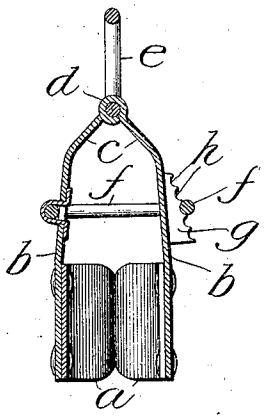
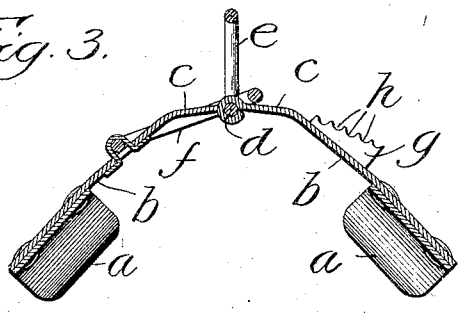


Fig. 3.



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UNITED STATES PATENT OFFICE.

CLIFFORD J. SPRUCE, OF CHICAGO, ILLINOIS.

TROUSERS-HANGER.

SPECIFICATION forming part of Letters Patent No. 789,180, dated May 9, 1905.

Application filed December 17, 1904. Serial No. 237,332.

To all whom it may concern:

Be it known that I, CLIFFORD J. SPRUCE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Trousers-Hangers, of which the following is a specification.

This invention relates to that class of trousers-hangers which is adapted to clamp and keep the legs of a pair of trousers together and hold them at their free ends in a suspended condition, and particularly to the closing and holding mechanisms, all of which will more fully hereinafter appear.

The principal object of the invention is to provide a simple, economical, and efficient trousers-hanger with durable clamping mechanism.

A further object is to provide a simple trousers-hanger with clamping mechanism that will stay locked until it is desired to unlock the same. Further objects will appear from an examination of the drawings and the following description and claims.

The invention consists principally in a trousers-hanger in which there are combined a pair of clamping-jaws pivotally secured together and means for clamping and holding the same in operative position.

The invention consists, further, in the combination of a pair of elongated clamping-jaws pivoted together at or near their transverse center and means for clamping the same and holding them clamped in operative position.

The invention consists, further and finally, in the features, combinations, and details of construction hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a trousers-hanger constructed in accordance with these improvements; Fig. 2, a cross-sectional elevation taken at about the transverse center and showing the parts as they appear in locked clamping position, and Fig. 3 a similar view with the parts shown in open releasing position.

In constructing a trousers-hanger in accordance with these improvements a pair of spring clamping-jaws *a* is provided, bellying out at their central portion, so that normally only their extreme ends meet. The ends as they meet should be so formed that as they are clamped together by the means hereinafter set forth they will not act to stretch laterally the ends of the trousers-legs clasped between them, and thereby injure the same. Each of these spring-jaws is provided with a laterally-projecting substantially inflexible arm *b* at or near its transverse center, rigidly secured thereto and projecting upwardly therefrom. The upper ends of these arms at *c* are bent inwardly and pivotally secured together at *d*, so that the jaws may be folded into or out of clamping position. A suspending-hook *e* is also secured to these hinged arms at the pivotal points thereof, and, in fact, its lower portion forms the pivot-pin of the same.

To clamp and lock the parts together in their clamping position, a clamping-bar *f* is provided and preferably made in the shape of a link. This clamping-bar is pivotally secured to one arm and is arranged to straddle both arms and engage a notched locking-lug *g* on the other arm. The notches *h* in this locking-lug are arranged in a stepped manner, so that any desired degree of clamping action may be secured.

From an examination of the drawings and the foregoing description it will be seen that all of the spring action is obtained from the use of the jaws only and, further, that once the parts are locked in clamping position there is little danger, if any, of unlocking the parts until such time as the user desires to unlock the same, all of which will be thoroughly appreciated by those skilled in the art.

I claim—

1. In a trousers-hanger of the class described, the combination of a pair of jaws, a laterally-projecting arm on each jaw in pivotal engagement with the arm on the other jaw, and a link pivotally secured to one and encircling both of such arms for clamping them and thereby the spring-jaws together, substantially as described.

2. In a trousers-hanger of the class described, the combination of a pair of spring-jaws, a laterally-projecting arm secured to each jaw near its transverse center and piv-

otally secured to the arm of the other jaw, a clamping member pivotally secured to one arm, and a notched portion on the other arm adapted to be engaged by such clamping member for holding the parts in clamping position, substantially as described.

3. In a trousers-hanger of the class described, the combination of a pair of spring-jaws, a laterally-projecting arm on each jaw near its transverse center and pivotally secured to the arm of the other jaw, a notched lug on one arm, and a clamping-link pivotally secured to the other arm, and adapted to straddle both arms and engage the notched lug to hold the parts in clamping position, substantially as described.

4. In a trousers-hanger of the class described, the combination of a pair of spring-jaws, a laterally-projecting arm rigidly attached to each jaw near its transverse center and bent inwardly at its upper end where it is pivotally secured to the arm of the other jaw, a suspending-hook at such pivoted point, a lug on one arm provided with a plurality of notches in stepped arrangement, and a clamping member on the other arm adapted to straddle both arms and engage the notched lug to hold the parts in clamping position, substantially as described.

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