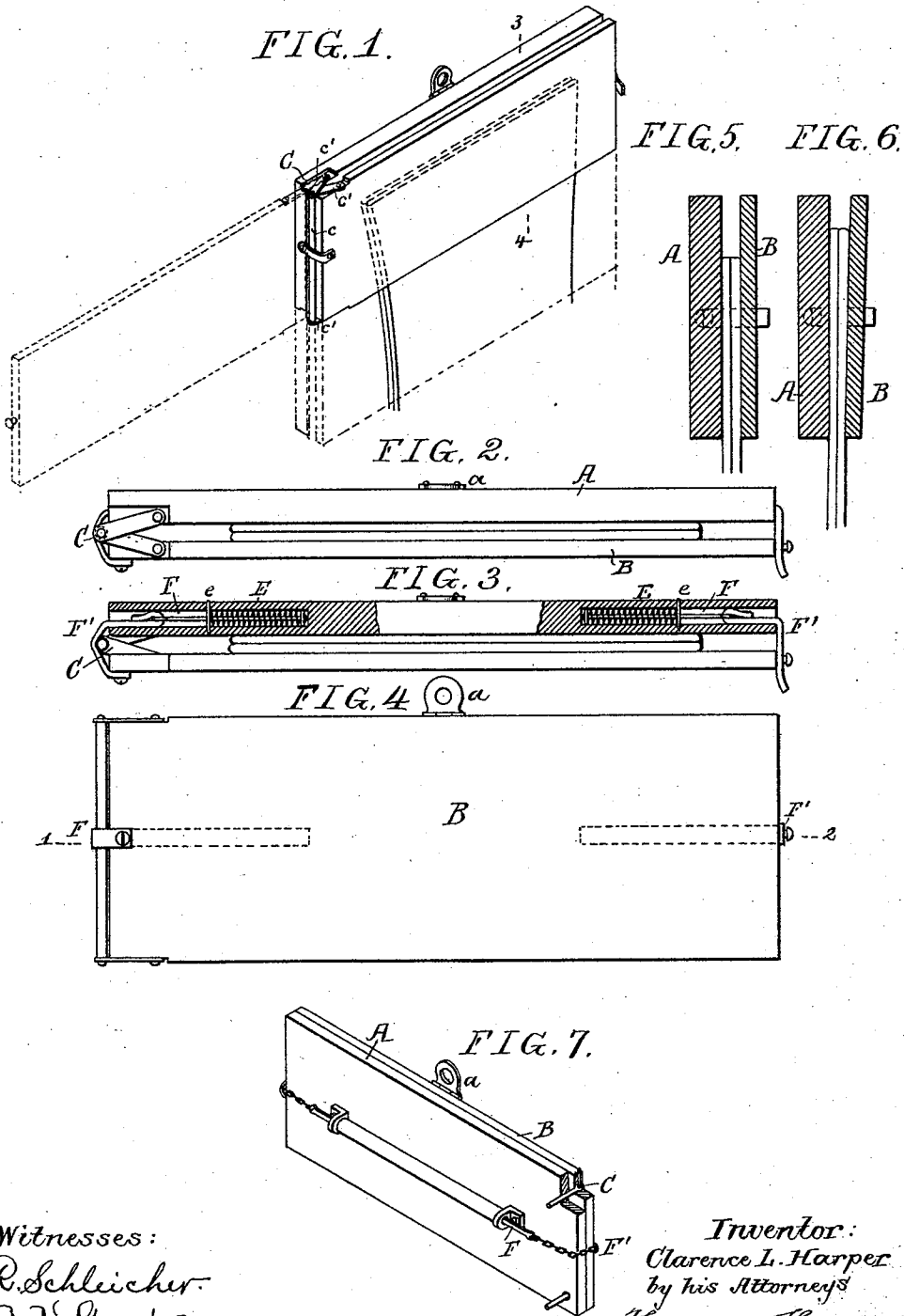


(No Model.)

C. L. HARPER.
COMBINED TROUSERS HANGER AND PRESS.

No. 498,054.

Patented May 23, 1893.



Witnesses:
R. Schleicher
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UNITED STATES PATENT OFFICE.

CLARENCE L. HARPER, OF PHILADELPHIA, PENNSYLVANIA.

COMBINED TROUSERS HANGER AND PRESS.

SPECIFICATION forming part of Letters Patent No. 498,054, dated May 23, 1893.

Application filed January 7, 1893. Serial No. 457,668. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE L. HARPER, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented an Improved Combined Trousers Hanger and Press, of which the following is a specification.

The object of my invention is to press the bottom portions of trousers while they are in a hanger, the weight of the trousers keeping the goods sufficiently stretched, the device being so arranged as to give an even pressure upon the goods. This object I attain in the following manner, reference being had to the accompanying drawings, in which—

Figure 1, is a perspective view illustrating my improved pressing hanger. Fig. 2, is a plan view. Fig. 3, is a section on the line 1—2, Fig. 4. Fig. 4, is a face view. Figs. 5 and 6, are sectional views on the line 3—4, Fig. 1; and Fig. 7, is a view of a modification of my invention.

A is the body of the hanger having a smooth inner surface, and is provided with an eye *a* or other suitable device by which it is suspended from a hook in a closet or wardrobe. Hinged to the body A is a leaf B between which and the body A is confined the bottom portion of the trousers leg. It will be understood that either one or both legs of the trousers may be confined between the leaf and the body.

The hinge C is made up of a rod *c* and connecting links *c'* pivoted to each end of the rod, and to the leaf and body, so that while the leaf will form a connection between the leaf and body, it will at the same time allow for different thicknesses of cloth, and also for the free movement of the leaf upon the cloth.

It will be understood that the extreme end of each leg of the trousers is thicker than the body, owing to the fact that the goods are turned under, and to properly press the goods the leaf must be so hung as to accommodate this difference in thickness as shown in Fig. 6. The greatest pressure is exerted upon the thick portion, and the weight of the trousers together with the pressure of the leaf, smoothes out the goods.

In order to firmly hold the leaf to the body, I mount in each side of the body, a spring E, holes being drilled in each end as shown in Fig. 3, for the reception of said springs. Pins

e are placed in front of the springs to hold them in position, and a rod *F* is passed through each spring, and has a head *f* resting against the base of the spring. The outer end of each rod is connected to a strap *F'* which is perforated, and adapted to a pin or hook on the leaf B. I prefer to permanently fasten the strap at the hinge side of the press, to the leaf, as shown in Figs. 1 and 2, but both straps may be detachable. By this means I am enabled to place sufficient pressure upon the goods confined in the press, and at the same time allow for different thicknesses of goods without providing means for adjusting, as the springs will accommodate themselves to the goods. The springs are mounted in the press mid-way between the top and bottom so as to allow the leaf free movement. In some instances four springs may be used, two at the top and two at the bottom, and in fact one spring may be used to which the straps at each side are attached. The springs shown are compression springs, but they may be torsion springs, or rubber may be used where a cheap device is required, without departing from the main feature of my invention.

In Fig. 7, I have shown the springs mounted in a case secured to the back of the body A, and the hinge consists simply of a loose pin attached to one portion adapted to slide freely in an opening in the other portion.

By inserting the springs in the body A as shown in Fig. 3, the outer portion of the hanger is perfectly smooth, so that it will not engage with other goods hanging in the closet or wardrobe, and the exposed faces can be used for advertising purposes.

While I prefer to clamp only the lower ends of the trousers legs, it will be understood that the body A and leaf B may be extended so as to press the major portion of the trousers legs to form a crease the full length, and the fastenings in this instance, may be duplicated.

I claim as my invention—

1. The combination in a trousers hanger and press, of the body, the leaf adjustably secured thereto, with independent yielding fastenings at the opposite ends thereof for confining the leaf to the body and to the goods, substantially as described.

2. The combination of the body A having holes in each end, springs in said holes, and

fastenings connected to said springs, with a leaf B, between which and the body A the goods to be pressed are placed, said fastenings being secured to said leaf, substantially as described.

3. The combination of the body A, the leaf B, between which and the body the goods are placed, a hinge composed of a rod, and links connecting the rod to the body and leaf to allow for different thicknesses of goods, and yielding fastenings securing the leaf to the body, substantially as described.

4. The combination of the body, the leaf, between which and the body the goods are placed, a loose hinge connecting the leaf to the body, with two spring fastenings at each end of the body, and centrally situated between the top and bottom, and adapted to be

secured to the leaf so as to allow the leaf to accommodate itself to the goods, substantially as described.

5. The combination of the body A, the spring mounted therein, and confined thereto, a rod passing through each of said springs a head on the rod, and a strap connected to the rod and perforated, with a leaf B hinged to said body and having pins with which the straps engage, substantially as described.

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

CLARENCE L. HARPER.

Witnesses:

H. F. REARDON,
JOSEPH H. KLEIN.