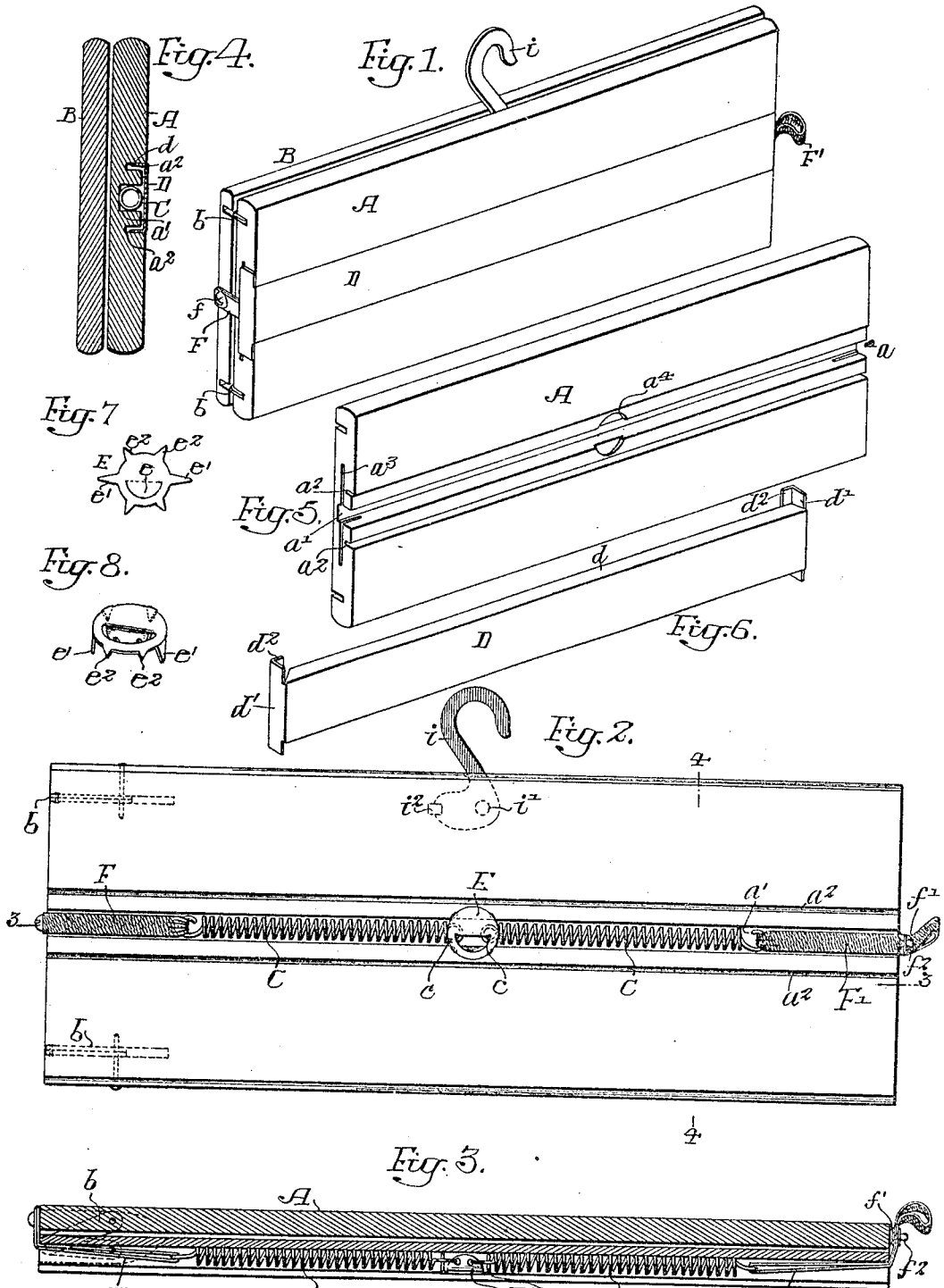


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 TROUSERS HANGER AND PRESS.  
 APPLICATION FILED JULY 14, 1909.

944,134.

Patented Dec. 21, 1909.



Witnesses:  
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 Walter Blism.

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# UNITED STATES PATENT OFFICE.

CLARENCE L. HARPER, OF PHILADELPHIA, PENNSYLVANIA.

TROUSERS HANGER AND PRESS.

944,134.

Specification of Letters Patent. Patented Dec. 21, 1909.

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To all whom it may concern:

Be it known that I, CLARENCE L. HARPER, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Trousers Hangers and Presses, of which the following is a specification.

My invention relates to certain improvements in a trousers hanger and press for which patent was granted to me on the 23rd day of May 1893, No. 498,054.

The object of my present invention is to improve the details of the device, whereby it can be more economically manufactured and will be more substantial than heretofore.

In the accompanying drawings:—Figure 1, is a perspective view of my improved trousers hanger and press; Fig. 2, is a side view with the cover plate removed; Fig. 3, is a longitudinal sectional view on the line 3—3, Fig. 2; Fig. 4, is a transverse sectional view on the line 4—4, Fig. 2; Fig. 5, is a detached perspective view of the body portion of the hanger; Fig. 6, is a perspective view of the cover plate; and Figs. 7 and 8, are views of the spring attachment.

A is the body of the hanger, B is the leaf connected at one end to the body portion by hinges  $b, b$ ; these hinges are made of two plates pivoted together as in my former patent, so that while the leaf can freely swing to open and close the hanger, the leaf can move laterally away from the body portion in order that different thicknesses of material can be placed between the leaf and the body portion.

A channel  $a$  is formed in the back of the body portion extending from one end of the hanger to the other and in the body portion within the channel are three grooves  $a^1, a^2, a^2$ , the groove  $a^1$  is a deep groove and is adapted to receive the springs C, C, and the grooves  $a^2$  are narrow grooves adapted to receive the flanges  $d$  of the metallic cover D which is mounted on the body portion and incloses the springs. On each end of the body portion are grooves  $a^3$  into which extends the lip  $d^2$  of the end of the flange  $d^1$ , so that when the cover is placed in position and the lips forced into the grooves  $a^3$  it will be held rigidly in place.

E is the spring attachment made as shown in Figs. 7 and 8, and having a lip  $e$  cut out and pressed down from the body portion, as indicated in Fig. 8, and in this lip are two holes for the reception of the ends of the

springs C, C. The long prongs  $e^1$  are bent down and extend through the eyes  $c, c$  of the springs and the short prongs  $e^2$  are bent down and enter the body portion A. The body portion is preferably recessed at  $a^4$  to receive the spring attachment so that when the spring attachment is in place it is held rigidly in position. One spring C is connected to a strap F which is permanently attached to the hinged end of the leaf at  $f$  and attached to the other spring is a strap F' having an eye  $f^1$  adapted to a pin  $f^2$  on the opposite end of the leaf, this strap can be detached from the pin when it is desired to open the hanger to place the trousers in position.

The hook  $i$  is pivoted at  $i^1$  and held in place by a strap  $i^2$ , so that it can be turned down out of position when it is desired to pack the hanger. The hanger is used substantially in the same manner as the hanger illustrated in the above mentioned patent, that is, the leaf of the hanger is opened and the trousers are folded on the creases and the ends of the two legs of the trousers are placed in between the body portion and the leaf and the leaf is forced down onto the body portion, the strap F drawn out and the eyelet in the strap is passed over the pin on the leaf, thus the trousers are held by spring pressure. Two or more trousers can be placed in the hanger, the springs yielding to accommodate them.

I claim:—

1. The combination in a trousers hanger and press, of a body portion, a leaf adjustably secured thereto, yielding fastenings at the opposite end thereof for confining the leaf to the body portion, said body portion having an open groove throughout its length for the reception of the yielding means, and an attachment whereby the yielding means is secured to the body portion.

2. The combination of a body portion, a leaf hinged thereto, a groove at the back of the body portion throughout its length, an attachment secured within the groove to the center of the body portion, two springs, one secured to each side of the attachment and adapted to the groove in the body portion, with means for connecting the spring with the leaf.

3. The combination of a body portion, a leaf hinged thereto, a channel at the back of the body portion extending throughout the length thereof, a deep groove connecting

with the channel, springs mounted in the groove, means for attaching springs at the center of the body portion, and a cover adapted to the channel and secured to the  
5 body portion inclosing the springs, with means for connecting the springs and the leaf.

4. The combination of a body portion, a leaf pivotally connected thereto, said body  
10 portion having a longitudinal channel cut in its back, three grooves connecting with the channel and grooves on the end of the body portion, with a metallic cover having

flanges adapted to two or more longitudinal grooves and having lipped flanges adapted 15 to the end grooves, whereby the cover is secured to the body portion, springs mounted in the center channel, and means for attaching the springs to the leaf.

In testimony whereof, I have signed my 20 name to this specification, in the presence of two subscribing witnesses.

CLARENCE L. HARPER.

Witnesses:

WM. E. SHUPE,

WM. A. BARR.