

No. 724,198.

PATENTED MAR. 31, 1903.

E. M. MARTIN.
TROUSERS PRESSER AND CREASER.

APPLICATION FILED SEPT. 25, 1902.

NO MODEL.

Fig. 1.

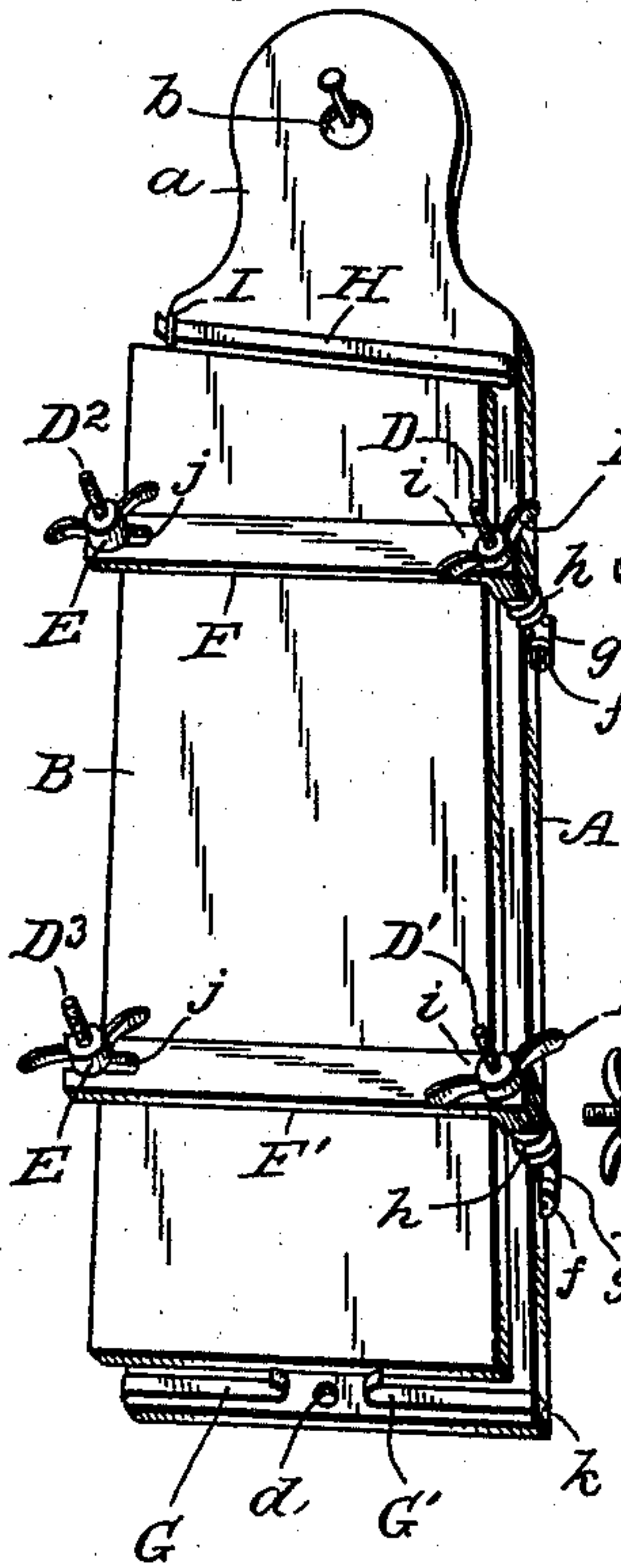


Fig. 2.

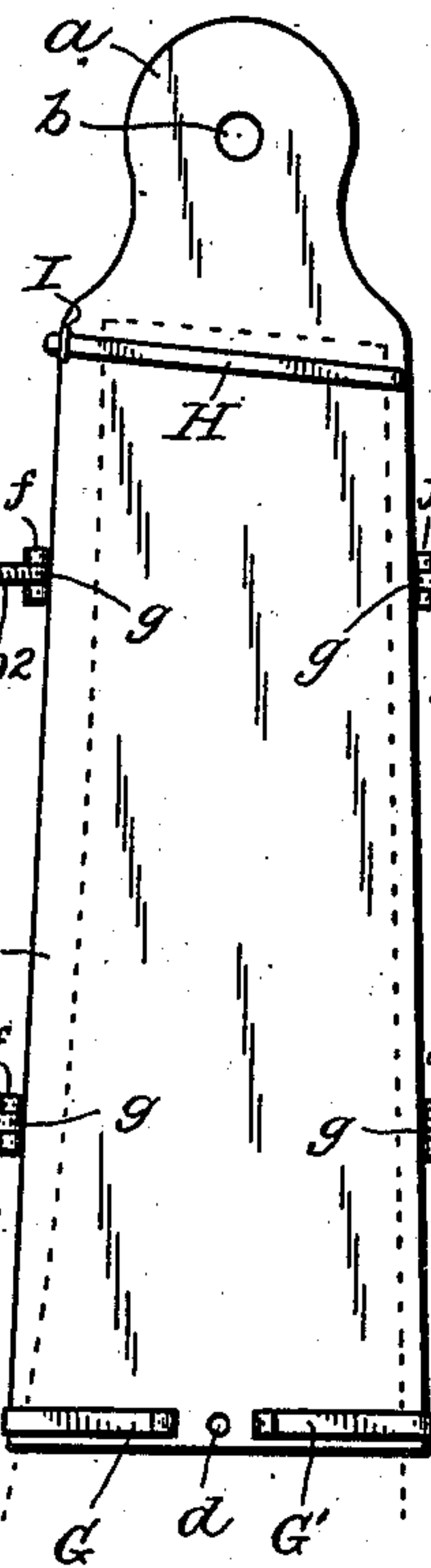


Fig. 3.

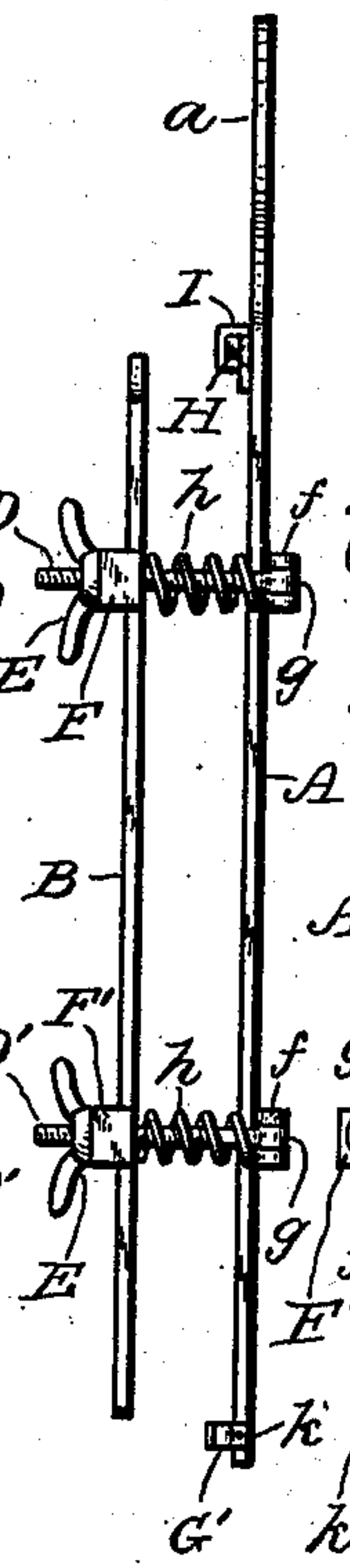


Fig. 4.

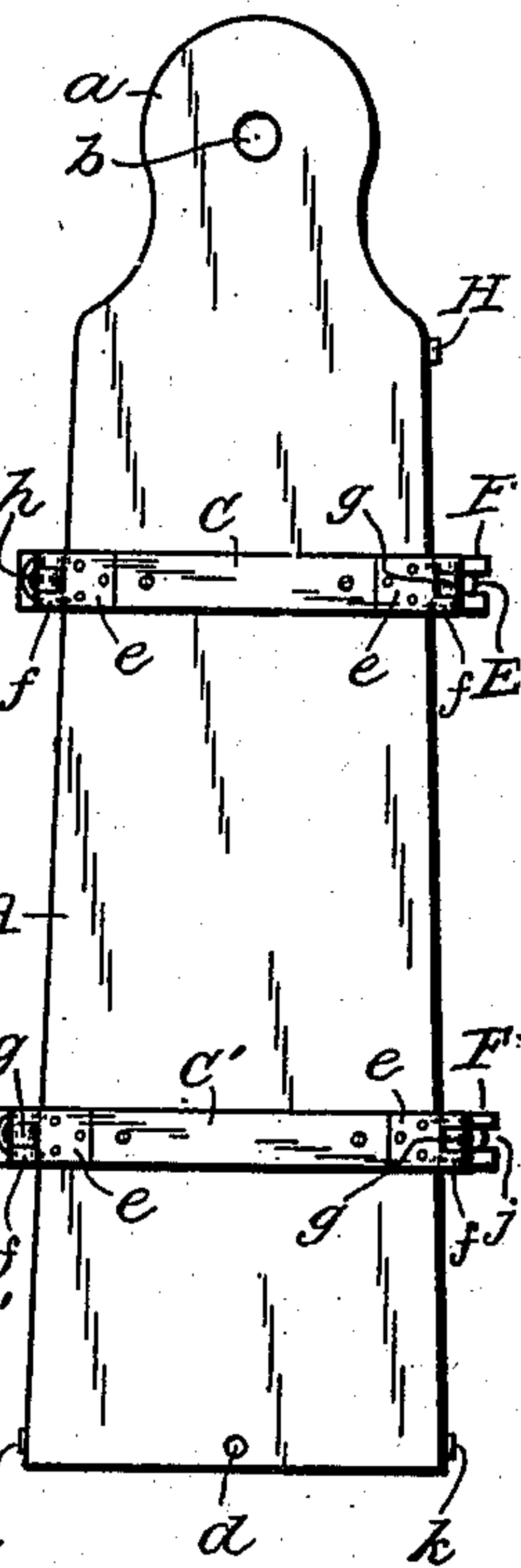


Fig. 5.

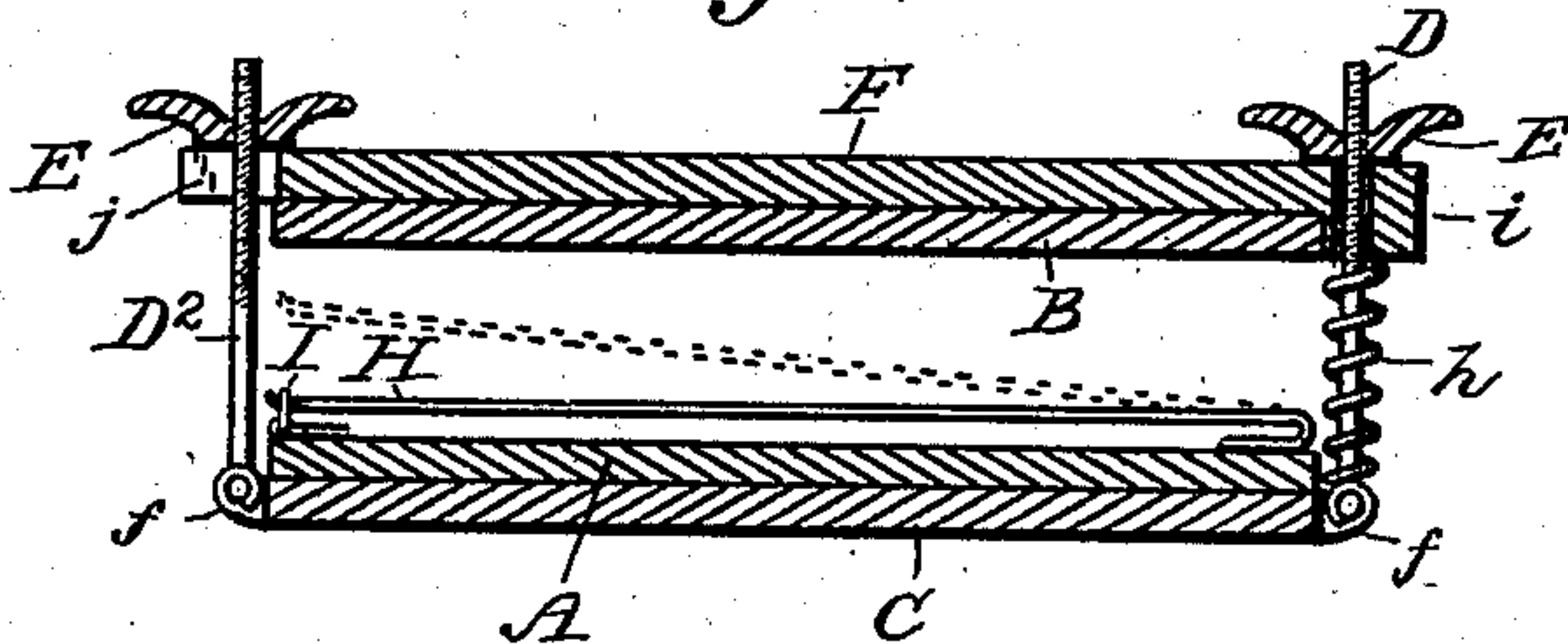


Fig. 6.

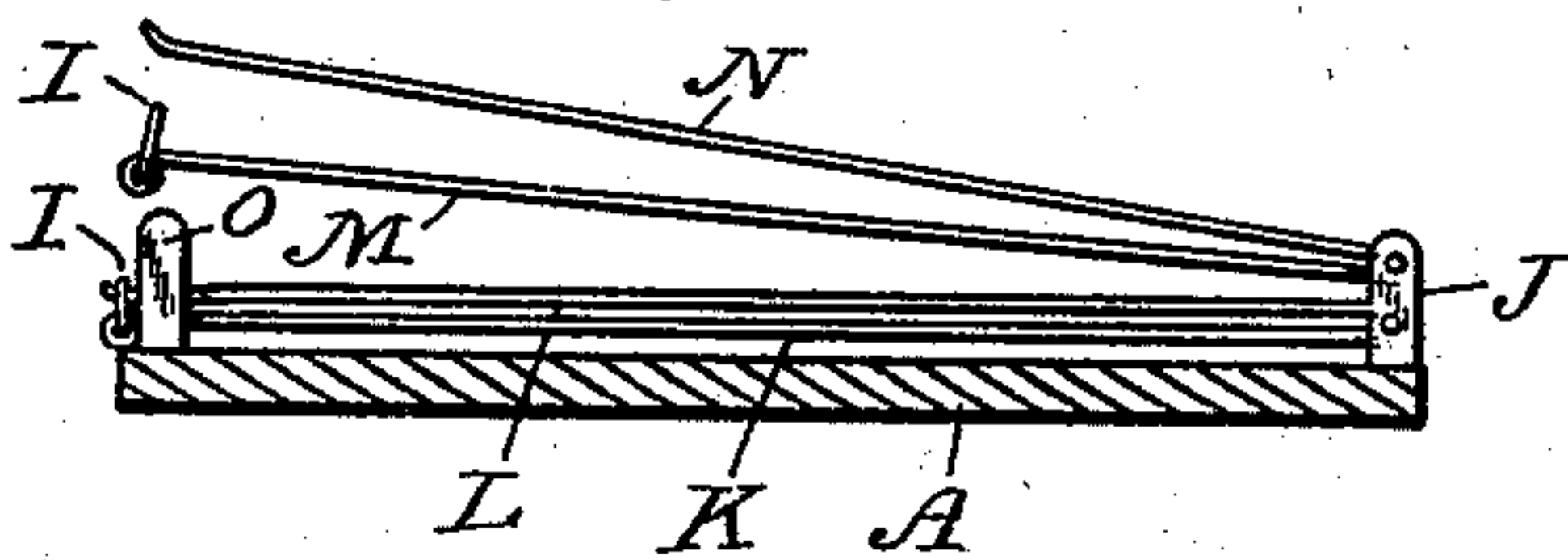
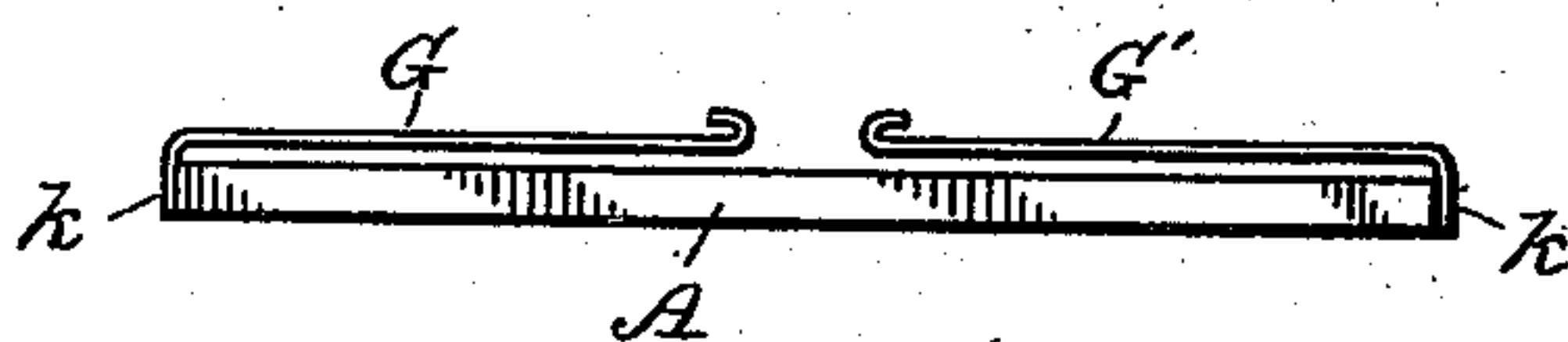


Fig. 7.



WITNESSES:

A. J. M. Ginter
Stella Snider.

INVENTOR:

Edgar M. Martin,
BY
E. J. Silvius,
ATTORNEY.

UNITED STATES PATENT OFFICE.

EDGAR M. MARTIN, OF INDIANAPOLIS, INDIANA.

TROUSERS PRESSER AND CREASER.

SPECIFICATION forming part of Letters Patent No. 724,198, dated March 31, 1903.

Application filed September 25, 1902. Serial No. 124,730. (No model.)

To all whom it may concern:

Be it known that I, EDGAR M. MARTIN, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented new and useful Improvements in Trousers Pressers and Creasers; and I do declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improved appliance for hanging, stretching, and pressing trousers and also for forming creases at the front and rear portions thereof at one and the same operation, the object of the invention being to provide a simple and inexpensive combination device of this character that may be convenient in use as well as effective.

With these objects in view the invention consists of a base-board adapted to be hung up and having elastic clamps at the upper and lower portions thereof for holding the trousers while being adjusted, a hinged presser-board and adjustable fastenings therefor, and improved forms of elastic clamps; and the invention consists also in the combination and arrangement of parts, as hereinafter particularly described and claimed.

Referring to the drawings, Figure 1 is a perspective view of the appliance shown as hanging on a nail; Fig. 2, a front elevation view, with the presser-board swung open on its hinges; Fig. 3, a side elevation view; Fig. 4, a rear elevation view; Fig. 5, a transverse sectional view looking toward the upper end of the base-board; Fig. 6, a transverse sectional view of the base-board having improved elastic clamps connected thereto adapted for holding two pairs of trousers; and Fig. 7, an elevation view of the lower end of the base-board, showing the elastic clamps thereon.

In construction the base-board A, the presser-board B, and the cross bars or battens for the boards are preferably composed of wood, as being light and most suitable for the purpose, while the other parts may be made of various metals, as may be preferred or found most suitable.

The base-board A has a hanger-head *a*, having an aperture *b* to receive a nail or peg

whereby to hang up the board against a wall or closet-door, and the lower end of the board, which is broader than the upper end, has a small hole *d*, through which a nail or a screw may be inserted and driven into the wall or door for steadying the board, if desired. Cross-bars *C C'* are suitably secured transversely to the back of the board A, and hinge-plates *e* are secured to the ends of the cross-bars, the plates having eyes *f*, to which screw-bolts *D D'*, having eyes *g*, are pivoted, the bolts serving as parts of the hinges for the board B, and coiled springs *h* encircle the bolts and normally force the board B from the board A and also prevent looseness of the board B on its hinge parts. The screw-bolts are provided with thumb-nuts *E* (or wing-nuts) for adjusting the presser-board and providing power.

The presser-board B is somewhat shorter than the board A and is equal in width thereto and is provided with cross-bars *F F'*, suitably secured to the front thereof and extending beyond the edges thereof and arranged so as to be opposite to the bars *C C'*. At the ends *i* of the bars are suitable holes, through which the bolts *D D'* extend, the thumb-nuts constantly bearing against the outer sides of the bars *F F'*, and, acting against the pressure of the springs *h*, thus complete the presser-board adjustable hinges. The opposite ends of the bars *F F'* have slots *j* to receive the screw-bolts *D² D³*, which are pivoted to the eyes *f* of the plates *e* at the ends of the bars *C C'*, opposite to the ends having the hinge-bolts *D D'*.

The front of the lower end of the base-board A is provided with elastic or spring clamps *G G'*, extending from opposite edges of the board nearly to the center of its width, the springs having bent ends *k* extending over the edges of the board, to which they are secured.

The board A is provided near the upper portion thereof with one or more elastic clamps extending across the face thereof immediately above the upper end of the board B. When one clamp only is desired for retaining a single pair of trousers, one end of the clamp *H* is attached to the board and the opposite end is adapted to be held down by means of a clasp *I*, connected to the board.

When two or more clamps are desired to accommodate two or more pairs of trousers, a head J is attached to the board A, and a base-bar K, having an integral spring-clamp L, is pivoted thereto, the bar having a clasp I engaging the clamp; also, a base-bar M, having an integral clamp N, is pivoted to the head J above the clamp L, the bar M having also a clasp I engaging the clamp N or adapted to engage the end thereof. A guide O, comprising a pair of ears, is attached to the board A, so that the movable ends of the base-bars and the clamps may enter the guides and be supported thereby.

It will be seen from the foregoing that all parts are connected together so that no part can be misplaced and that no table need be provided upon which to rest the board, the appliance being always hung up out of the way, which is a great advantage in operation. It may be stated that the ends of the cross-bars may be faced with thin plates to protect the wood against wear by the nuts.

In practical use the trousers are to be inverted and the lower ends of the legs are to be smoothed out and clamped by means of the elastic clamp or clamps near the upper end of the board A, the trousers depending therefrom and being stretched and arranged somewhat as indicated by the dotted outlines in Fig. 2, they are to be drawn under the clamps G G', the board B being open, and the latter may then be closed upon the trousers, the bolts D² D³ drawn into place, and all of the thumb-nuts tightened. In removing the trousers the reverse operations are required.

Having thus described my invention, what I claim as new is—

1. A trousers-presser comprising a base-board provided with a holding-clamp and clasp therefor near one end of the board and coöperating therewith, screw-bolts pivoted substantially to the base-board, a presser-board mounted on the screw-bolts and having one end thereof shorter than the corresponding end of the base-board so as to avoid interference with the holding-clamp, thumb-nuts on the screw-bolts holding the presser-board thereto, and adjustable clamps connected with the base-board and adapted to coöperate with the presser-board at the sides oppositely to the pivoted screw-bolts, the holding-clamp and the presser-board being adapted to operate independently in coöperation with the base-board.

2. A trousers-presser comprising a hanging base-board provided with a holding-clamp extending across the upper portion thereof, a clasp connected with the base-board and adapted to engage the holding-clamp, screw-bolts pivoted substantially to the base-board, a presser-board mounted on the screw-bolts, thumb-nuts on the screw-bolts holding the presser-board thereto, adjustable clamps connected with the base-board and adapted to

engage the presser-board, and a clamp attached to the lower portion of the base-board beyond the end of the presser-board.

3. A trousers-presser comprising a base-board provided with a clamp extending across one end portion thereof, a clasp connected to the base-board and adapted to engage the clamp, screw-bolts pivoted substantially to the base-board, coiled springs encircling the screw-bolts, a presser-board bearing against the springs, thumb-nuts on the screw-bolts holding the presser-board thereto, and adjustable clamps connected to the base-board and adapted to engage the presser-board.

4. A trousers-presser comprising a base-board provided with a clamp extending across one end portion thereof, a clasp connected with the base-board and adapted to engage the clamp, screw-bolts pivoted substantially to the base-board, a presser-board adjustably mounted on the screw-bolts, thumb-nuts on the screw-bolts holding the presser-board thereto, adjustable clamps connected with the base-board and adapted to engage the presser-board, and elastic clamps attached to the edges of the lower end portions of the base-board beyond the presser-board and extending with free ends partially across the base-board.

5. A trousers-presser comprising a base-board, threaded hinge-bolts pivoted substantially to the base-board, coiled springs encircling the hinge-bolts, a presser-board mounted on the hinge-bolts against the springs, thumb-nuts on the hinge-bolts holding the presser-board thereto, and adjustable clamps connected with the base-board and adapted to engage the presser-board.

6. A trousers-presser comprising a base-board having a holding-clamp and clasp therefor near one end thereof and coöperating therewith, and a pair of independent clamps near the opposite end of said board and coöperating therewith, whereby to hold and stretch the trousers; a presser-board extending along the base-board substantially from the holding-clamp to the pair of clamps, cross-bars attached to the boards, hinge-bolts pivoted to a pair of the cross-bars and having coiled springs thereon substantially engaging the presser-board, thumb-nuts on the hinge-bolts and holding the presser-board adjustably on the hinge-bolts, threaded clamping-bolts pivoted to a pair of the cross-bars, and thumb-nuts on the clamping-bolts engaging the opposing cross-bars.

7. In a trousers-presser, the combination of a base-board having a plurality of independent double-bar clamps and clasps therefor near one end thereof and coöperating therewith, clamps near the opposite end of the board and coöperating therewith, cross-bars attached to the board, screw-bolts pivoted to the cross-bars, a presser-board, cross-bars attached to the presser-board coöperating with the screw-bolts, and thumb-nuts on the screw-

bolts cooperating with the cross-bars for adjusting the presser-board relatively to the base-board.

8. In a trousers-presser, the combination of
5 a base-board, a presser-board, screw-bolts pivoted to the base-board and operatively connecting with the presser-board, thumb-nuts on the screw-bolts cooperating with the presser-board, a pivoting-head and guides attached to the base-board, a plurality of independent clamping devices pivoted to the pivoting-head and comprising each a base-bar having a clasp and a clamp-bar engaged by the clasp, the devices being engaged by the
15 guides.

9. In a trousers presser and creaser, the combination of the base-board having the apertured hanger-head, the presser-board, the cross-bars attached to the base-board, the
20 screw-bolts pivoted to said bars, the springs

coiled about a pair of said bolts at one side of said base-board, the cross-bars attached to the presser-board and having the slots at one side of the board and also the apertures at the opposite side of the board receiving the
25 screw-bolts that have the springs thereon, the thumb-nuts on the screw-bolts cooperating with the cross-bars whereby to draw said boards toward one another, a pair of said nuts opposing said springs, and the clamping devices connected to opposite end portions of
30 said base-board and cooperating therewith beyond the ends of the presser-board.

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

EDGAR M. MARTIN.

Witnesses:

HARRY D. PIERSON,
E. T. SILVIUS.