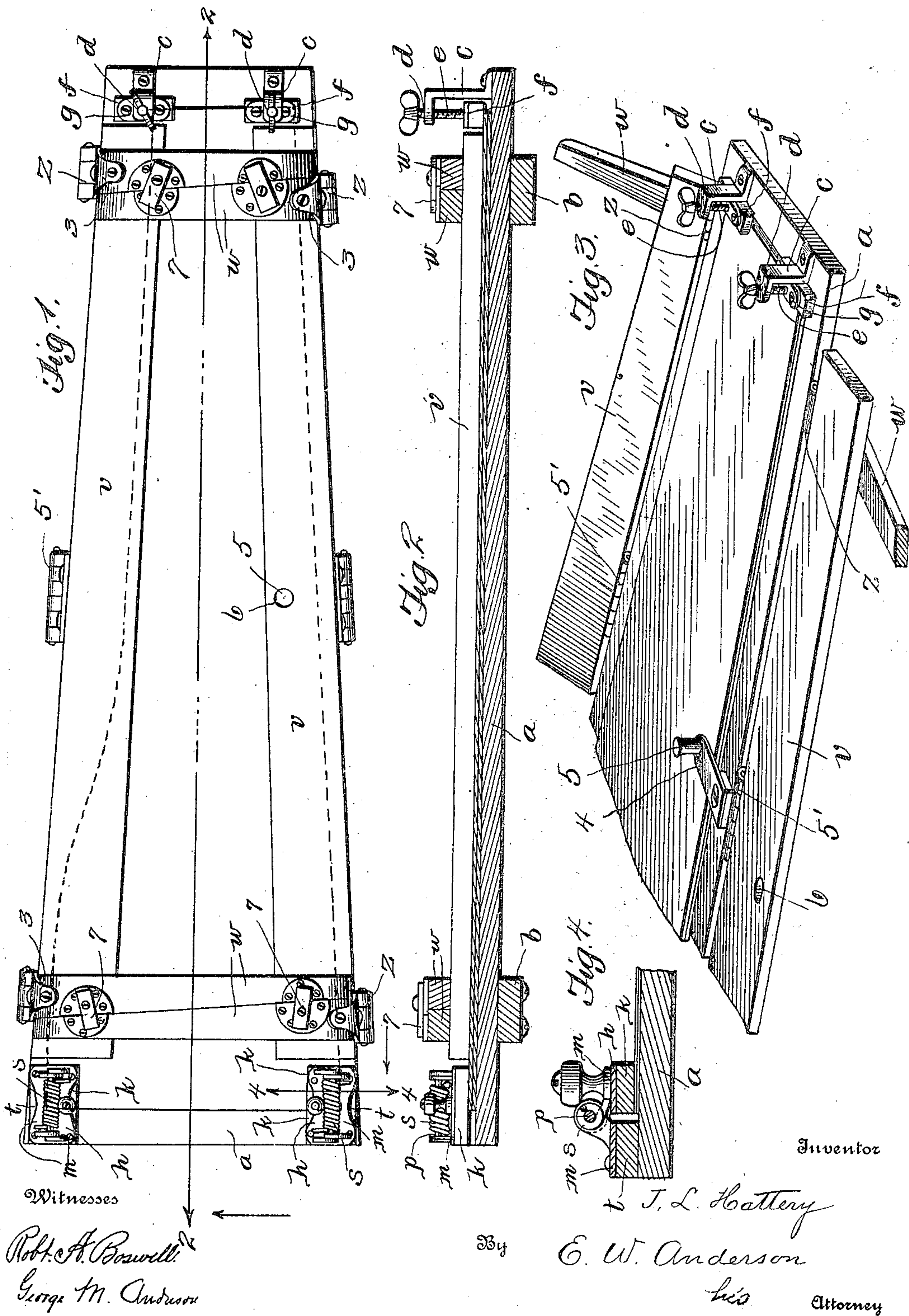


No. 812,742.

PATENTED FEB. 13, 1906.

J. L. HATTERY.
TROUSERS PRESS.

APPLICATION FILED JUNE 22, 1905.



UNITED STATES PATENT OFFICE.

JEREMIAH L. HATTERY, OF SAN BERNARDINO, CALIFORNIA.

TROUSERS-PRESS.

No. 812,742.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed June 22, 1905. Serial No. 266,390.

To all whom it may concern:

Be it known that I, JEREMIAH L. HATTERY, a citizen of the United States, and a resident of San Bernardino, in the county of San Bernardino and State of California, have made a certain new and useful Invention in Trousers-Presses; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of my trousers press or stretcher. Fig. 2 is a section on the line 2-2, Fig. 1. Fig. 3 is a perspective view of the smaller end of the press with the pressure-bars *v* thrown back. Fig. 4 is a cross-section on the line 4-4, Fig. 1.

The invention relates to means for pressing and stretching trousers; and it consists in the novel construction and combinations of parts, as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a* designates the base-board, which is flat and is provided on its under side with cleats *b b*, whereby warping is obviated. To one end of the base are secured the metallic standards *c*, of angular form, having bearings *d* for the passage of the threaded stems of the thumb-screws *e*. To the end of each of these screws is connected a foot *f*, usually of wood, said foot having a connection-plate *g* secured to its top and serving to engage the headed end of the screw *e*. By means of these thumb-screws the feet *f* are pressed down to secure the ends of the legs of the trousers to the base-board. These standards are laterally placed and far enough apart from each other to engage the ends of the trousers near the sides thereof when folded to bring the creases in position. After one foot *f* has been pressed down the ends of the trousers-legs can be stretched across and the other foot *f* brought down to secure them in stretched position.

To the end of the base are secured the spring-catches *h*, consisting each mainly of a foot *k*, hinged plates *m*, a pivot-pin *p*, and coil-spring *s* on said pivot-pin. One of the hinged plates *m* carries the foot *k*, and the other, with its bearing-block *t*, is secured to the base-board. The foot *k* is designed to extend lengthwise of

the base-board near its edge, while the foot *f* extends crosswise, as shown. The tension of the springs *s* is a pressure tension designed to hold the foot down on the base-board with considerable force, sufficient to withstand the strain of the goods after stretching. When the transverse legs have been secured to the lower end of the base by means of the pressure-feet *f*, the trousers are stretched toward the other end of the base-board and are secured in stretched position by means of the spring-catches *h*. These catches are placed at the sides of the base-board not only for convenience in operating the same, but also to provide for transverse stretching.

Between the end portions of the base and along the knee portion are hinged to the base the pressure-bars *v*, one on each side. These pressure-bars extend lengthwise along the knee portion as far as may be desirable in order to provide for pressing the customary creases along the legs. They are provided with transverse lever-bars *w* and are connected to the base-board by means of hinges *z*, having curved ends *3*, which are designed to clamp the wooden parts of the levers and base, so as to prevent spreading under pressure. Under the first pressure-bar *v* is provided a flat pressure-spring *4*, having a stud *5* for manipulation, said stud being received in a recess *6* of the incumbent pressure-bar when pressed down. This flat spring is designed to hold the knee portions of the trousers-legs in proper position in a straight line with the end portions before the clamping or pressure bars *v* are pressed down on the goods. Supplementary hinges *5* are used to connect the pressure-bars *v* to the base-board between the clamping-hinges *z*. The levers *w* of the pressure-bars extend transversely, and opposite levers extend alongside each other when closed down. Each lever is provided with a button or catch *7* near its hinge end, designed to engage the free end of the opposite lever when closed down, so that these levers interlock with each other to secure the clamping-bars *v* in pressed-down position on the goods.

These trousers-pressers can be made of various lengths and widths to suit the requirements of the trade.

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

1. A trousers-press, having a base-board

provided at one end with transverse presser-feet, at the other end with longitudinal spring-catches, and between the ends with pressure-bars having transverse interlocking levers, substantially as specified.

2. A trousers-press having a base-board and at each end thereof lateral presser-feet and between the ends longitudinal pressure-bars having interlocking levers, substantially as specified.

3. A trousers-press having a base-board, and at each end thereof lateral presser-feet, a flat pressure-spring at the middle of the front edge of said board, and between the ends longitudinal pressure-bars, and means for securing the latter in pressed-down position, substantially as specified.

4. In a trousers-press, the combination with a base-board, and its transverse under cleats, of the longitudinal pressure-bars, their inter-

locking levers, and the curved-end clamping-hinges, substantially as specified.

5. In a trousers-press, the combination with a base-board and the lateral pressure-feet at its ends, of longitudinal pressure-bars, their interlocking levers, and the clamping-hinges, substantially as specified.

6. A trousers-press having a base-board, screw-operated pressure-feet at one end thereof, spring-actuated pressure-feet at the other end thereof, between the ends longitudinal pressure-bars hinged to said base-board, the levers of said pressure-bars, and means for locking the same, substantially as specified.

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

JEREMIAH L. HATTERY.

Witnesses:

J. D. SCOTT,
J. E. SCOTT.