2 Sheets--Sheet 1.

G. MORE.

Pantaloon-Shapers.

No. 149,595. Patented April 14, 1874.

Fig. 1.

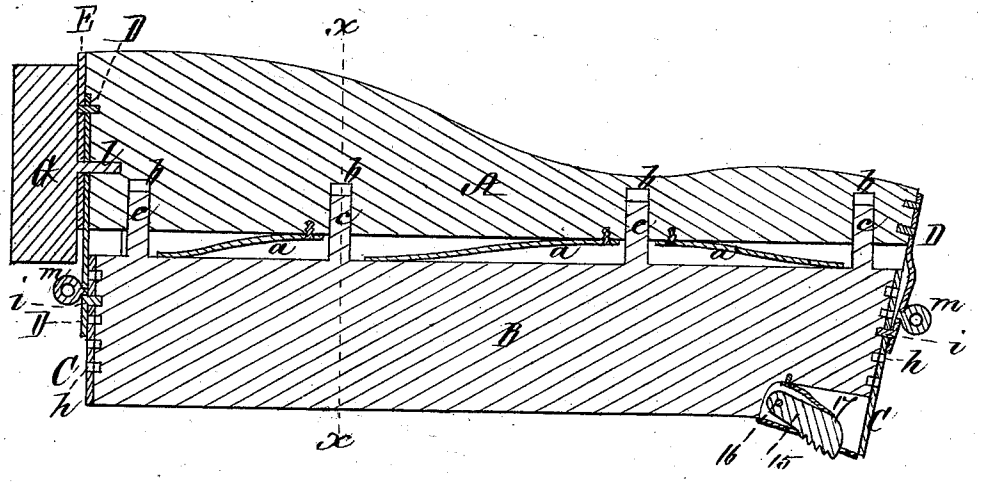
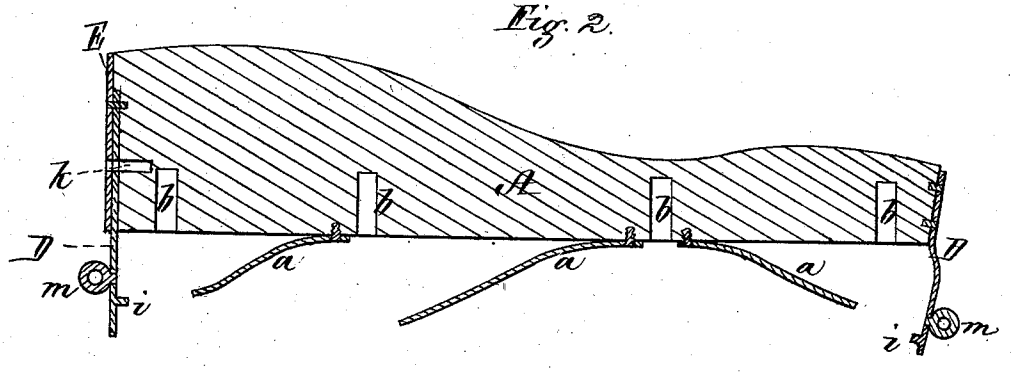


Fig. 2.



Witnesses,
W. J. Cambridge
F. T. Downes.

Inventor,
Teschemacher & Stearns,
Attys for Gottlob More

2 Sheets--Sheet 2.

G. MORE.

Pantaloon-Shapers.

No. 149,595. Patented April 14, 1874.

Fig. 3.

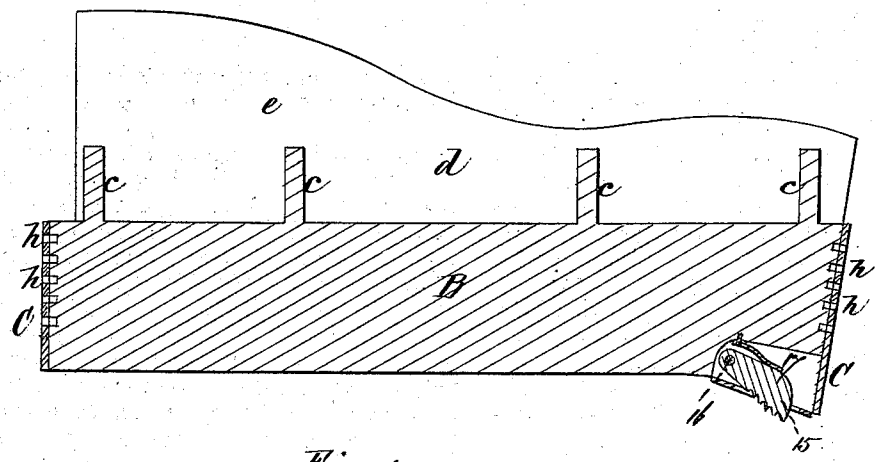


Fig. 4.

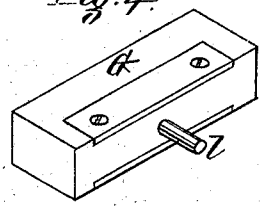
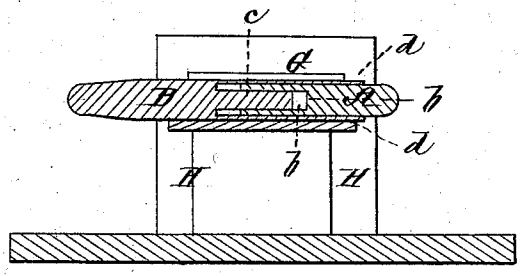


Fig. 5.



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W. J. Cambridge
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Inventor,
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Atty's for Gottlob More.

UNITED STATES PATENT OFFICE.

GOTTLOB MORE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PANTALOON-SHAPERS.

Specification forming part of Letters Patent No. **149,595**, dated April 14, 1874; application filed March 16, 1874.

To all whom it may concern:

Be it known that I, GOTTLOB MORE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Boards for Shaping and Pressing Pantaloons, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a horizontal section through my improved shaping and pressing board applied to the table of a pressing-machine. Fig. 2 is a horizontal section through the center of one portion of my improved board. Fig. 3 is a similar section through the center of the other portion of the same; Fig. 4, detail in perspective, to be referred to; Fig. 5, section on the line *x x* of Fig. 1.

My invention relates to certain improvements in boards for shaping and pressing pantaloons; and consists in a board composed of two portions, having one or more springs placed between them, whereby they may be readily separated from each other or brought together to accommodate pants of various sizes to be shaped and pressed thereon, the ends of the two portions of the board being securely confined in place when adjusted by pins entering a series of notches, or by other suitable catches or fastenings, the two portions being guided during their movement to and from each other by dowel-pins or otherwise. My invention also consists in a block provided with a projection, upon which the board with the pants thereon may be revolved into any desired position to enable the pressman to apply the "goose" or iron thereto without the inconvenience and delay incident to the removal and turning of the board to bring the unpressed side uppermost, as heretofore. My invention also consists in a spring-plate provided with notches or serrations for preventing the lower front end of the leg of the pants from slipping from its position on the board during the operation of pressing, the notched plate being caused to yield and to be drawn back into the board by the removal of the pants, in order that they may not be injured thereby.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A B represent the two portions of my improved board, to the inner face of one, A, of which (corresponding to the shape of the back of the pantaloons) is secured one or more flat springs, *a*, circular holes *b* also being formed within this portion for the reception of circular dowel-pins or projections *c*, extending out from the inner face of the portion B, which corresponds in shape to the front of the pantaloons, the dowel-pins, in connection with their holes, serving to guide the two portions A B as they are moved to or from each other. Secured to the upper and lower sides of the portion B are two thin sheets of metal, *d*, which extend inward from its inner face to a considerable distance, forming a deep groove or opening, *e*, extending its entire length. Each end of the portion B, near its outer face, is provided with a plate, C, having a series of holes, *h*, formed therein, close to each other; and each end of the portion A, near its inner face, is provided with a spring-plate, D, near the inner end of which, and projecting inward, is a pin, *i*. The lower front end of the portion B is recessed out for the reception of a notched plate, 15, pivoted at 16, and provided with a spring, 17, at its back, in order that the plate may be made to yield by the action of the removal of the pants from the board, and thus avoid the liability of their being torn or injured; and, to facilitate the drawing of the pants on the board, a suitable stop may be provided for keeping the notched plate temporarily within its recess. At the upper or broader end of the portion A is secured a metal plate, E, provided with a hole, *k*, for a purpose to be explained hereafter.

When the two portions are brought together, the dowel-pins guide them till the ends of the flat springs *a* come into contact with the inner face of the portion B, the portion A passing into the groove or opening *e* formed by the metal sheets *d*, which lap over it for some distance from end to end.

If the press-board is to be adapted to accommodate a pants-leg of large size, the portions

A B are slightly brought together against the resistance of the springs *a*, and the leg is drawn over the board, when the pressure on the springs is released and the portions A B forced out against the interior of the leg, thus stretching it out flatly and smoothly, as required, after which the pins *i* of the spring-plates E are allowed to enter their nearest holes *h* in the plates C, when the two portions are securely confined in place with the leg of the pants properly stretched thereon. The board is now brought up to a pin, *l*, projecting from a block, G, secured to a standard rising from the pressing-machine, (not shown,) and the hole *k* in the plate E is brought into line with the pin *l*, when the board is slipped thereon, and firmly held in a position to revolve freely around it. The side of the leg of the pants to be first pressed is brought uppermost, and a suitable support, H, placed under the lower and knee portions of the leg, and the iron is then brought down. When this side of the pants is pressed sufficiently, the board is revolved into any other position to enable the pressman to readily obtain access to the remaining portion of the leg to finish the operation of pressing.

When it is required to remove the leg, it is simply necessary to withdraw the pins *i* from the holes *h* by applying the fingers to knobs or projections *m*, with which the outside of the spring-plates D are provided, when the two portions A B of the board may be forced together by compressing the flat springs *a*, thus loosening the strain on the leg and allowing it to be readily drawn off.

When a leg of a smaller size is to be pressed, the two portions A B are brought closer together by compressing the flat springs *a* until the leg can conveniently be pulled on, when the springs *a* are released, so as to force the two portions A B out, and snugly fill and stretch the leg, when they are secured in this position by entering the pins *i* into the holes *h* nearest them. By changing the position of the pins in their respective holes at either end of the board, I am also enabled to readily increase or reduce the size of the waist without altering the size of the bottom of the leg, and vice versa, thereby adapting it for use for any change in the style of the pants.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A board for shaping and pressing pantaloons, composed of two portions, A B, provided with one or more springs, *a*, between them, substantially as and for the purpose set forth.

2. The portions A B, with one or more springs, *a*, between them, in combination with a device for locking the portions together when adjusted, substantially as described.

3. The portions A B, with the holes *b* and dowel-pins *c*, in combination with a device for locking the portions together, and the springs *a* placed between them, substantially as and for the purpose set forth.

4. The yielding notched plate 15, in combination with the portion B, substantially as and for the purpose described.

5. The block G, with its pin *l* or equivalent, in combination with the portions A B, substantially as and for the purpose specified.

Witness my hand this 9th day of March, 1874.

GOTTLOB MORE.

In presence of—
N. W. STEARNS,
W. J. CAMBRIDGE.