No. 641,733. Patented Jan. 23, 1900.

G. T. SIMPSON.

IRONING BOARD.

(Application filed Feb. 21, 1899.)

(No Model.)

Fig. 1.

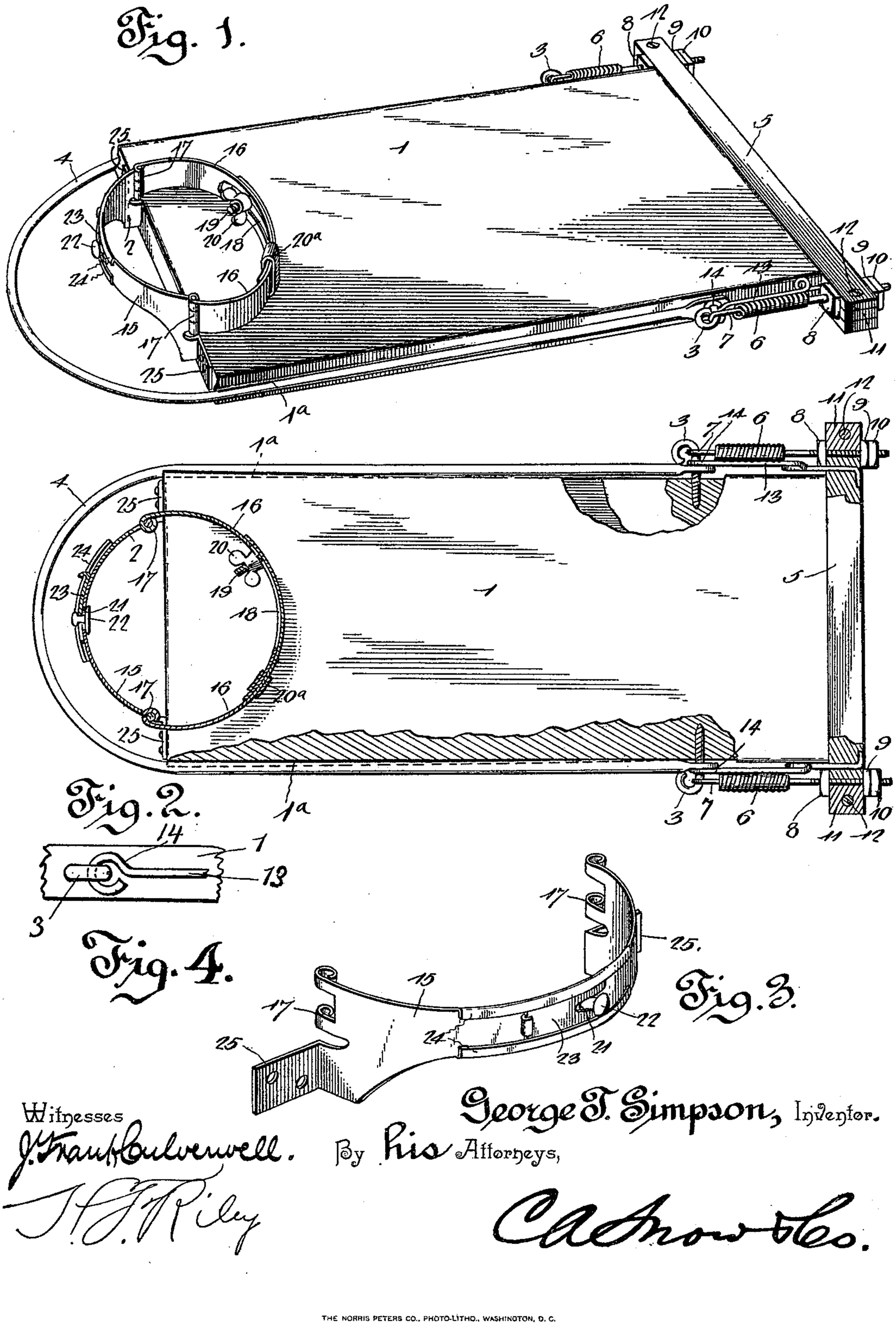

Fig. 2.

Fig. 4.

Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE T. SIMPSON, OF BAKER CITY, OREGON.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 641,733, dated January 23, 1900.

Application filed February 21, 1899. Serial No. 706,404. (No model.)

To all whom it may concern:

Be it known that I, GEORGE T. SIMPSON, a citizen of the United States, residing at Baker City, in the county of Baker and State of Oregon, have invented a new and useful Ironing-Board, of which the following is a specification.

The invention relates to improvements in ironing-boards.

The object of the present invention is to improve the construction of ironing-boards and to provide a simple and comparatively inexpensive one designed for holding shirt-bosoms, ladies' waists, and the like and capable of holding a shirt in proper shape, so that the bosom may be ironed by any one.

Another object of the invention is to provide a device adapted to receive the neck of a shirt or waist and capable of holding such neck in proper position and of being adjusted to fit the same.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of an ironing-board constructed in accordance with this invention. Fig. 2 is a plan view, partly in section. Fig. 3 is a detail perspective view of the rear section of the neck-supporting ring. Fig. 4 is a detail view, in side elevation, of one corner of the board, showing the engagement of the connecting-rod with the screw-eye.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates an ironing-board designed to receive a shirt, waist, or similar garment and provided with a soft absorbent covering, preferably consisting of an inner layer of thick white felt and an outer cover or casing of white drilling, and the said felt is adapted to absorb the moisture. The ironing-board, which is preferably oblong, as shown, is provided at one end with a neck-receiving ring 2, and it has a pair of screw-eyes 3 arranged at opposite sides of it and located adjacent to its outer end and forming pivots for a substantially U-shaped clamping frame or bail 4, having parallel sides arranged at the side edges of the ironing-board. The curved portion or bend of the clamping-frame extends beyond the ring 2, and the parallel sides, which are perforated to receive the fastening devices 3, are adapted to engage a shirt, and they will securely hold the same after it has been stretched across the board, whereby the bosom will be held smooth, so that it can be properly ironed by any one. The clamping-frame is adapted to be readily grasped at its curved portion or bend, which forms a handle, and it may be readily swung upward or downward. The screw-eyes are adapted to be adjusted to compress the sides of the clamping device and secure the necessary clamping action on the sides of the shirt. In order to enable the clamping-frame to obtain a firm hold on a shirt, the side edges of the ironing-board are provided with longitudinal grooves 1^a, which are slightly tapering, as clearly shown in Fig. 2 of the drawings, and which are adapted to have portions of a garment crowded in them.

The tail of the shirt is clamped by a transverse bar 5, extending beyond the side edges of the board and engaging the adjacent end thereof, and its projecting ends are connected with the screw-eyes 3 by coiled springs 6, which hold the bar 5 yieldingly in engagement with the tail of the shirt, which may be stretched longitudinally and held perfectly smooth. The inner terminals 7 of the coiled springs are provided with eyes and are linked into the screw-eyes 3 and form a hinge-joint to permit the transverse bar to swing upward and downward to engage and release the shirt. The outer terminals of the coiled springs are extended, threaded, and passed through the ends of the bar 5, being secured at the desired adjustment by nuts 8, 9, and 10, which enable the tension of the spring to be regulated and which take up any slack or expansion of the said spring. The extended ends of the transverse bar 5 may be bifurcated and provided with removable blocks 11, secured in position by fastening devices 12 and adapted to be readily removed to enable the outer ends of the springs to be disconnected from the bar. The transverse clamping-bar is also connected with the shanks of the screw-eyes by rods 13, provided at their hinged ends with loops 14, receiving

the screw-eyes and adapted to permit the bar to have sufficient movement to yield to the action of the springs. The outer ends of the rods 13 may be attached to the transverse clamping-bar 5 by any suitable means, and the loops 14 can be opened at their inner ends to permit the bar to be readily disengaged from the screw-eyes.

The neck-receiving ring consists of a curved rear section 15 and a pair of curved front sections 16, the sections 15 and 16 preferably being all about equal in length, so that about two-thirds of the neck-receiving ring will rest directly upon the ironing-board. This proportion enables the neck-receiving ring to be varied in size, as hereinafter described, without materially changing its shape. The inner ends of the front sections overlap, as clearly shown in Fig. 2 of the accompanying drawings, and one of them is provided with a longitudinal slot 18, receiving a threaded stem 19 of the other section, and the parts are secured at any desired adjustment by a slide 20^a and a nut 20, arranged on the said threaded stem. The rear section is provided with an opening 21, receiving a collar-button 22, adapted to engage the neckband of a shirt or the buttonhole of a shirt-waist, whereby the shirt or other garment is held around the neck-receiving ring. The collar-button is detachably secured within the opening of the rear section by means of a slide 23, mounted in suitable ways 24 and having its engaging end forked or bifurcated to straddle the collar-button. The ways are formed by bending the upper and lower edges of the rear section of the ring upon themselves, as shown, and the rear portion of the slide is bent to form a finger-piece. By this construction the slide may be readily withdrawn to release the collar-button, so that the latter may be drawn inward to accommodate a garment which may not be provided with a buttonhole. The rear section of the neck-receiving ring is provided with extensions 25, which are secured to the adjacent end of the ironing-board.

The ironing-board, which is simple and comparatively inexpensive in construction, is adapted for the reception of shirts, ladies' shirt-waists, and similar garments, and it is capable of having a shirt stretched and held in proper position thereon while the bosom is being ironed, so that the ironing may be performed by any one without the shirt losing its shape. The adjustment of the springs enables the proper clamping action of the transverse bar to be obtained, and the adjustable neck-receiving ring is adapted to fit the neck of a shirt, and the button will enable the shirt to be attached to the ring.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

1. A device of the class described comprising a board, having grooves 1^a and a substantially U-shaped clamping-frame having parallel sides pivoted to the side edges of the board and extending along the sides within the grooves and adapted to clamp the sides of a garment against the same, said clamping-frame being extended beyond the board at one end forming a handle, and adjustable fastening devices for the clamping-frame, said fastening devices serving to compress the sides of the clamping-frame to impart the necessary clamping action thereto, substantially as described.

2. A device of the class described, comprising a board, provided at opposite sides with adjustable fastening devices, a substantially U-shaped clamping-frame fulcrumed to the side edges of the board by the said fastening devices, and extended beyond one end of the same to form a handle, and a transverse clamping-bar located at the other end of the board and provided at opposite sides of the same with springs connected to the said fastening devices, substantially as described.

3. An ironing-board provided with a neck-receiving ring consisting of a curved rear section resting on the board, and a pair of curved front sections projecting from the board and secured adjustably at their inner ends, by means substantially as described, the curved front sections being hinged at their outer ends to the curved rear section, substantially as shown.

4. In a device of the class described, the combination of a board, a neck-receiving ring provided with an opening, a collar-button extending through the opening, and a slide mounted on the ring and having a forked or bifurcated portion straddling the button and detachably securing the same to the ring, substantially as described.

5. An ironing-board provided with a ring comprising a rear section, front sections hinged to the rear sections and having overlapping ends adjustably connected together, and a slide arranged on the overlapped ends, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GEORGE T. SIMPSON.

Witnesses:
EDWARD MISENER,
D. D. STEPHENSON.