

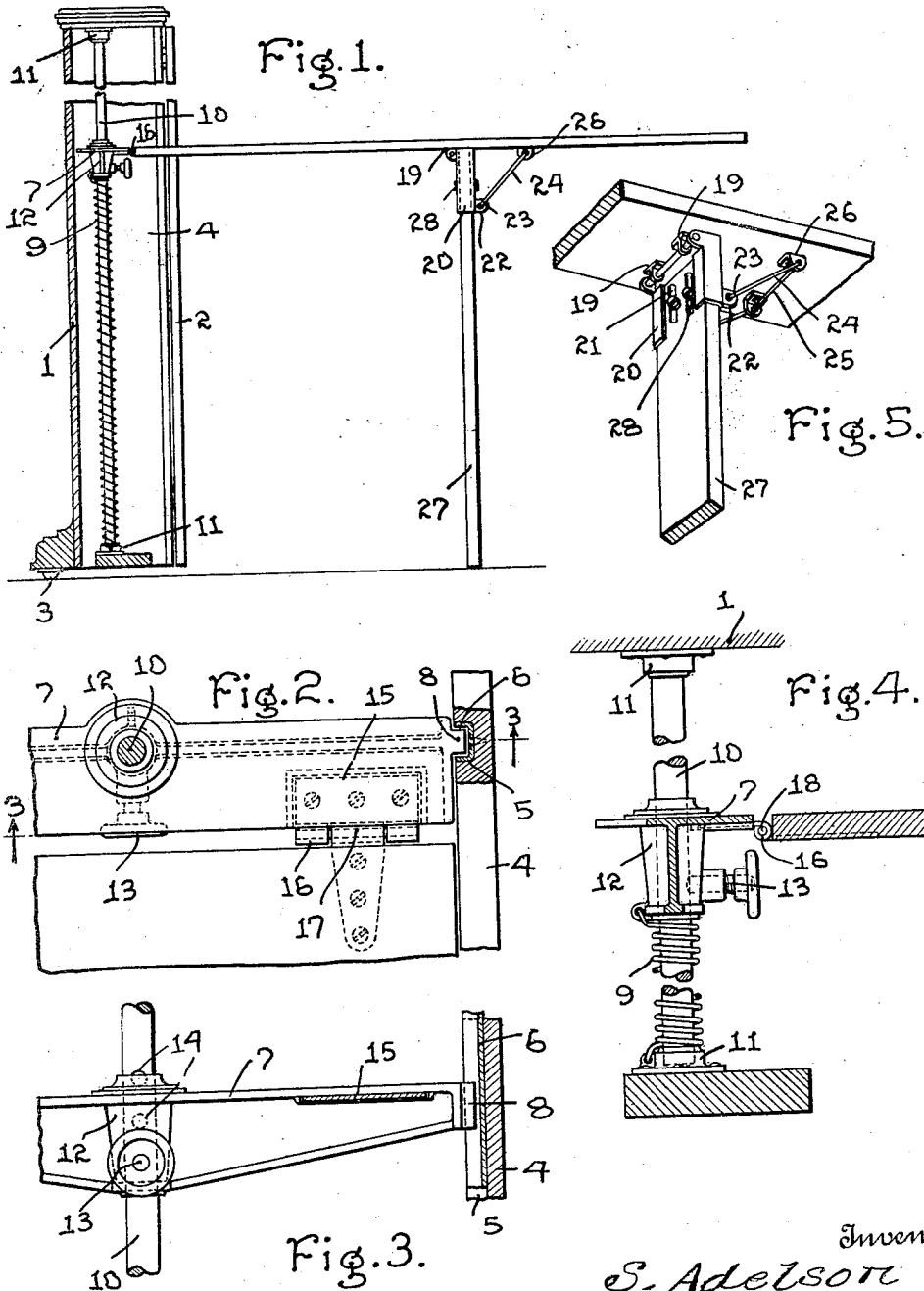
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IRONING BOARD

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UNITED STATES PATENT OFFICE.

SOPHIA ADELSON, OF NEW YORK, N. Y.

IRONING BOARD.

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To all whom it may concern:

Be it known that SOPHIA ADELSON, a citizen of the United States, residing at New York, in the county of New York and State of New York, has invented certain new and useful Improvements in Ironing Boards, of which the following is a specification.

This invention is directed to a portable inclosed ironing board, wherein the board proper is adapted to be completely inclosed in a portable cabinet, the board carrying means being adjustable to permit varying the height of the board in use to accommodate persons of different heights.

The improved ironing board comprises a cabinet provided with doors and having a transverse bar mounted for sliding movement in the side walls of the cabinet, and influenced in one direction by a spring. The bar is movable on a rod held in the top and bottom of the cabinet and may be fixed at any desired vertical adjustment on said rod. The ironing board proper is connected at one end for pivotal or hinged connection with the transverse bar, and is further provided with a vertical support, arranged for adjustment, and adapted to be braced with relation to the board when in operative position, the support and brace being movable with respect to the board proper to permit all parts to be folded within the cabinet.

In the drawings:

Fig. 1 is a view partly in section of the improved ironing board.

Fig. 2 is a broken sectional view of the same.

Fig. 3 is a broken view in elevation showing the mounting of the transverse bar in the cabinet.

Fig. 4 is a perspective view showing the mounting of the support with relation to the ironing board.

Fig. 5 is a perspective view, illustrating the connection of the supporting leg to the ironing board.

The improved ironing board structure comprises a cabinet 1 of appropriate height, width, and depth, closed except at the front, where it may be provided with doors 2. The cabinet is mounted on rollers 3 and is thus readily portable, though means to be later described are provided to hold the cabinet against movement when the ironing board is extended for use.

The side walls 4 of the cabinet are formed on their inner surfaces with guide channels

5, preferably reinforced by metal linings 6; and slidably mounted in these channels is a transverse bar 7. This bar is of skeleton form and has its terminals 8 arranged for sliding fit in the channels 5, and hence the bar is readily movable vertically of the cabinet. A spring 9 is connected to the bar and to one mounting for the vertical shaft hereinafter mentioned, whereby the bar is influenced for movement in one direction, preferably toward the bottom of the cabinet.

A rod or shaft 10 is mounted vertically of the cabinet, being threaded in upper and lower brackets 11, removably secured to the cabinet. The transverse bar 7 is enlarged at 12 to provide a sleeve bearing which slidably fits the shaft 10, a set screw 13 carried by the sleeve enlargement being adapted to cooperate with any one of a series of recesses 14 formed in the shaft 10 to hold the bar at various height adjustments. The bar 7 is provided near its ends with hinge plates 15, the projecting gudgeons 16 of which are adapted to receive an eye 17 projecting from the ironing board near each side thereof, a pintle 18 uniting these members to provide a removable hinged connection between the board proper and transverse bar 7.

Secured on the lower side of the board are pivot bracket 19 on which is pivotally secured a plate 20, which plate is formed with spaced vertically disposed elongated slots 21. The lower edge of the plate 20 is formed with forwardly projecting eyes 22 adapted to receive the lateral terminals 23 of the arms 24 of a brace yoke, the cross bar 25 of which is pivotally supported in ears 26 secured to the underside of the board at an appropriate distance from the brackets 19 toward the free end of the board. A supporting leg 27 is adapted to be secured to the plate 20 by bolts 28 which pass through the slots 21, these slots being of sufficient length to permit vertical adjustment of the leg relative to the ironing board proper to thereby permit supporting said board at different heights.

From the above it will be apparent that when desired for use, the cabinet is moved to a position for convenient ironing, the doors are opened and the ironing board turned outwardly, the transverse bar 7 being moved upwardly on the shaft 10 and the set screw 13 operated to hold the board the desired elevation. The leg is now turned

downwardly and adjusted to engage the floor, and the brace yoke positioned to fix the leg against movement. When not desired for use, the brace yoke is removed 5 from the eyes 22 and the ironing board turned upwardly, the set screw 13 being withdrawn from locking position, permitting the spring to move the transverse bar downwardly so that in the folding operation, the ironing board is folded upwardly 10 within the cabinet, the leg seeking the appropriate folding position by gravity.

The improved structure is highly ornamental, permits the ironing board to be 15 used at any convenient position, and the board is readily held at adjusted heights as may be found desirable. The various parts are to be constructed of any appropriate materials, and in any convenient or desirable 20 relative sizes with due regard to the character of ironing board to be used.

Having thus described the invention, what is claimed as new, is:—

25 1. An ironing board structure, comprising a cabinet, a bar slidable therein, a shaft on which said bar slides, means for securing the bar relative to the shaft, an ironing

board hinged to the bar, and a support hinged to the board near the free end thereof. 30

2. A cabinet, a shaft extending vertically and centrally thereof, a bar slidable on said shaft, the ends of said bar being guided in the walls of the cabinet, an ironing board 35 hinged to the bar, a support hinged to the ironing board, and a brace for said support.

3. A cabinet, a shaft arranged vertically thereof, a bar slidably engaging the shaft, means for securing the bar to the shaft, the walls of the cabinet being formed with 40 channels to slidably receive the ends of the bar, an ironing board hinged to the bar, a support hinged to the board, and a spring for operating the bar in one direction.

4. A cabinet, a bar slidable therein, a 45 shaft extending through the bar, a spring encircling the shaft for moving the bar, a set screw for fixing the bar to the shaft, an ironing board hinged to the bar, a support hinged to the ironing board. 50

In testimony whereof I affix my signature.

SOPHIA ADELSON