E. R. HOUSTON.

IRONING TABLE.

APPLICATION FILED MAY 23, 1921.

1,406,386. Patented Feb. 14, 1922.

2 SHEETS—SHEET 1.

Fig.1.

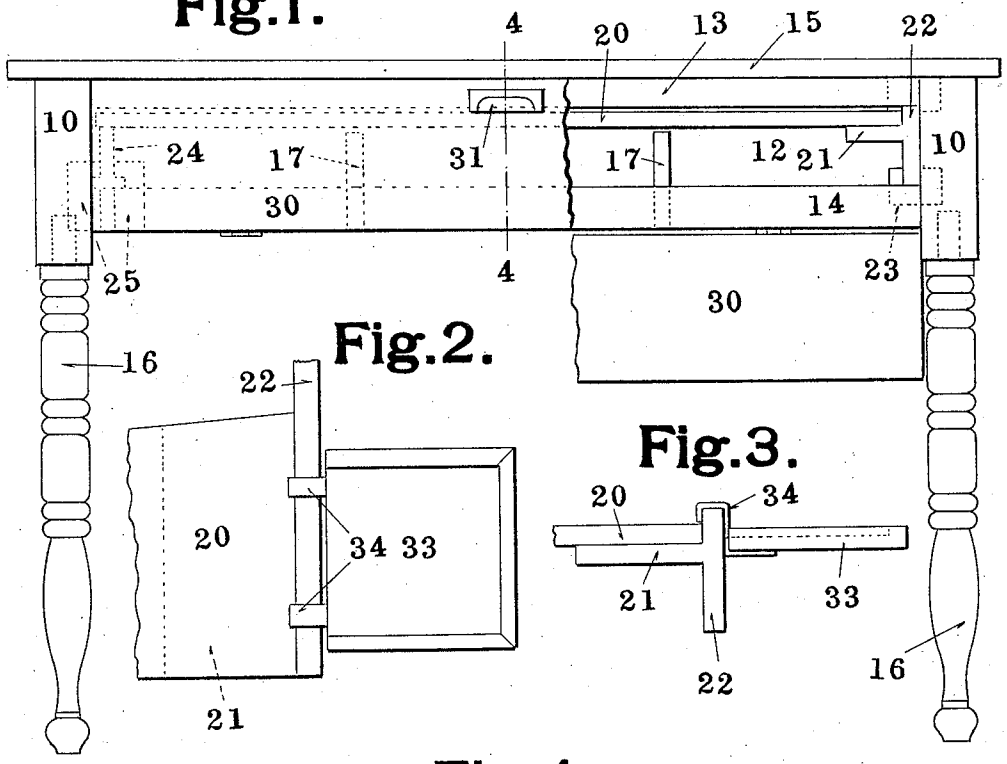


Fig.2.

Fig.3.

Fig.4.

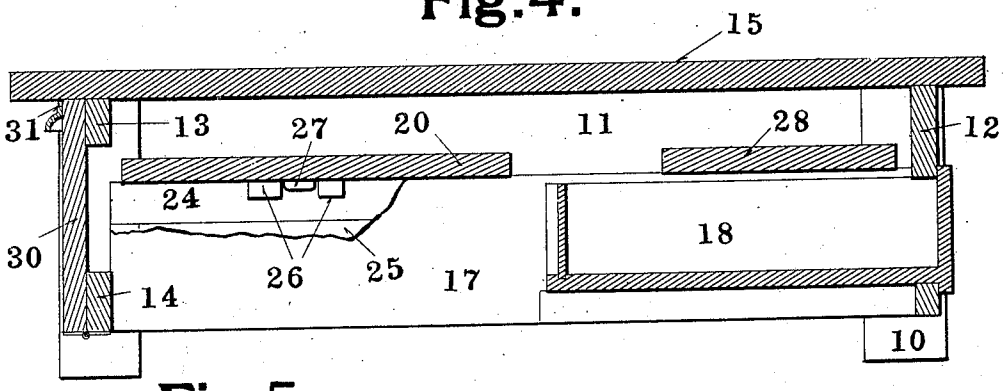
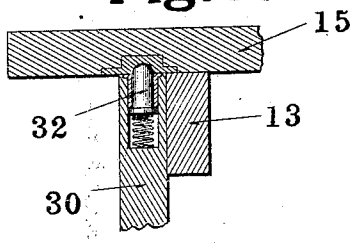


Fig.5.



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2 SHEETS—SHEET 2.

Fig.6.

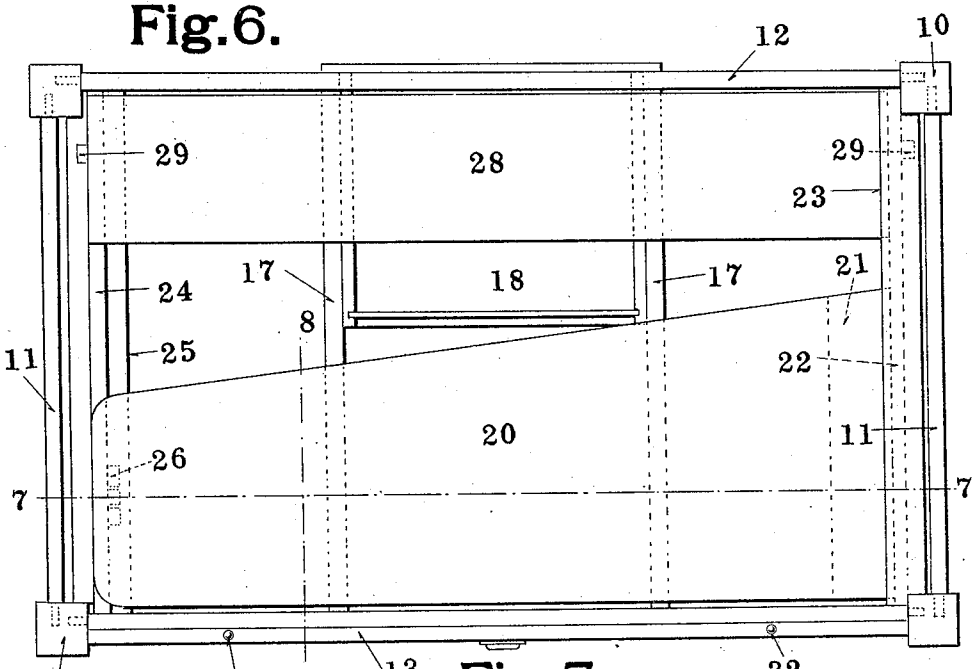


Fig.7.

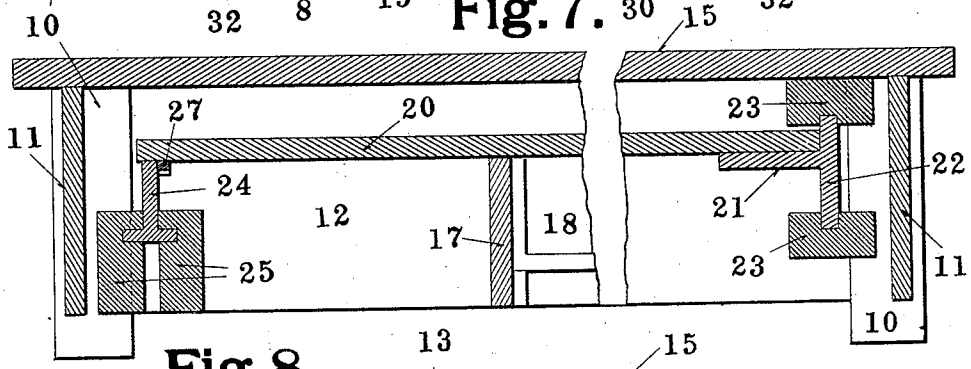
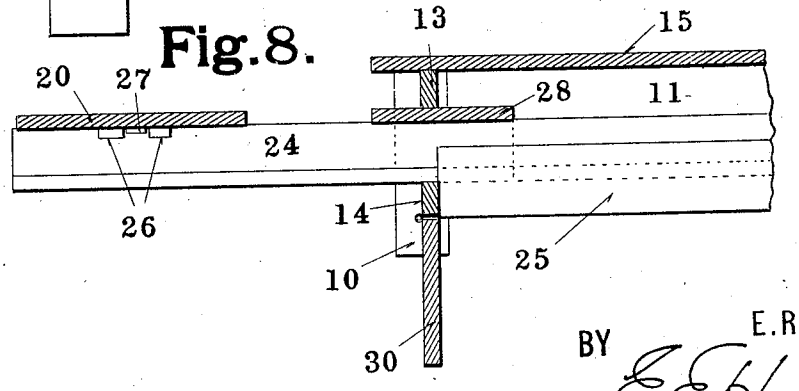


Fig.8.



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UNITED STATES PATENT OFFICE.

EDWARD R. HOUSTON, OF BELLEVILLE, ILLINOIS.

IRONING TABLE.

1,406,386. Specification of Letters Patent. **Patented Feb. 14, 1922.**

Application filed May 23, 1921. Serial No. 471,603.

To all whom it may concern:

Be it known that I, EDWARD R. HOUSTON, a citizen of the United States of America, residing at the city of Belleville, county of St. Clair, State of Illinois, United States of America, have invented a certain new and useful Ironing Table, of which the following is such a full, clear, and exact description as will enable anyone skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to an ironing table and particularly to improvements on the type of table shown and described in application Serial No. 406,749 filed by me, August 30, 1920.

The object of my invention is to simplify and improve the construction of tables of the class referred to and particularly to provide means for supporting the ironing board in horizontal position when out of engagement with the supporting slide at one end to allow tubular garments to be placed in position on or removed from the board.

In the accompanying drawings which illustrate one form of ironing board made in accordance with my invention, Figure 1 is a front elevation, a portion of the door being shown broken and in lowered position. Figure 2 is a fragmentary top plan view showing the iron shelf; Figure 3 is a front view of the parts shown in Figure 2; Figure 4 is an enlarged section taken on the line 4—4 of Figure 1; Figure 5 is an enlarged sectional view showing the door fastener; Figure 6 is a top plan view, the table top being removed; Figure 7 is an enlarged section taken on the line 7—7 of Figure 6; and Figure 8 is a section taken on the line 8—8 of Figure 6, the ironing board being shown in projected position.

10 indicates the corner posts of the table which posts are connected by means of end plates 11, a rear plate 12, and a front plate composed of two rails 13 and 14, respectively. The rails 13 and 14 are spaced apart to allow of the projection of the ironing board, as will be hereinafter described, and are placed adjacent to the inner faces of the corner posts 10 so that the door may occupy the position, and have the appearance of, an ordinary front plate. 15 is a table top which is secured to the corner posts and end and side plates. The legs 16 may be formed integral with the corner posts 10 but I prefer to make them removable so that the table may be knocked down for shipment. 17 are rails extending from the front to the rear plates and providing ways for a drawer 18 passing through a suitable opening in the rear plate 12.

20 is the ironing board which is permanently secured at one end to a bracket 21 carried by a slide 22. The slide 22 projects both above and below the ironing board 20 and its edges slide in suitable ways formed in the opposite horizontal faces of guide rails 23, which rails extend from the front to the rear plates. The opposite end of the ironing board 20 is normally supported by means of a T-shaped slide 24, the flanges of which slide in suitable ways formed in the opposite vertical faces of guide rails 25. Carried by the slide 24 are a pair of blocks 26 between which a block 27 carried by a board 20 is normally situated so that when the board is moved into or out of position it will carry with it the rail 24. When, however, it is desired to disengage the rail 24 from the board so that tubular garments may be passed around the board, the board is sprung upwardly to disengage the block 27 from the blocks 26. I have found in practice that it is impossible to fit the slide 22 in the guide ways 23 sufficiently close to prevent the board 20 from sagging when disengaged from the slide 24 if the guide alone is depended upon to support the board. In order, therefore, to support the board in horizontal position when out of engagement with the slide 24, I provide an auxiliary board 28 firmly attached to the slide 22 and projecting across the table beneath the top but above the drawer 18 and resting upon the slide 24. This board, therefore, remains in engagement with the slide 24 at all times and so supports the ironing board and prevents it from sagging when out of engagement with the said slide 24. To prevent the ironing board from being moved entirely out of engagement with the table, I provide stops such for instance as the blocks 29 shown in Figure 6 adapted to come in contact with the inner faces of the corner posts 10. 30 is a door hinged to the lower front rail 14, which door, when in its closed position, covers the opening between the rails 13 and 14 and has the appearance of an ordinary front plate. This door is provided with a suitable handle 31 and a catch, pref-

erably of the button type, as shown at 32, in Figure 6 and in detail in Figure 5. In Figures 2 and 3 I have shown a shelf for holding irons and similar objects. This shelf 33 is provided with hooks 34 adapted to engage with the upwardly projecting edge of the slide 22 so that the shelf 33 will project from the end of the board 20.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

1. In a device of the class described, the combination with a table, of an ironing board adapted to be concealed beneath the top of a table or projected laterally therefrom into operative position, a supporting slide for one end of said board fixedly attached thereto, a second slide movable into and out of supporting engagement with the other end of the board, and an auxiliary board rigidly connected with said first named slide for maintaining the ironing board in horizontal position when said second side is moved out of engagement with the latter.

2. In a device of the class described, the combination with a table, of an ironing board adapted to be concealed beneath the top of the table or projected laterally therefrom into operative position, a supporting slide for one end of said board and permanently attached thereto, a second slide movable into and out of supporting engagement with the other end of the board, and an auxiliary board fixedly carried by said first named slide and supported in a horizontal position in the same plane with the ironing board to support the latter when said second slide is moved out of engagement therewith.

3. In a device of the class described, the combination with a table of an ironing board adapted to be concealed beneath the top of the table or projected laterally therefrom into operative position, a supporting slide for one end of said board and fixedly attached thereto, a second slide movable into and out of supporting engagement with the other end of the board, and an auxiliary board fixedly carried by said first named slide and engaging with said second named slide.

4. In a device of the class described, the combination with a table, of an ironing board adapted to be concealed beneath the top of the table or projected laterally therefrom into operative position, a supporting slide for one end of said board and fixedly attached thereto, a second slide movable into and out of supporting engagement with the other end of the board, and releasable means carried by the ironing board and engaging with said second named slide for normally causing said parts to move in unison.

5. In a device of the class described, the combination with a table, of an ironing board adapted to be concealed beneath the top of the table or projected laterally therefrom into operative position, a supporting slide for one end of said board and fixedly attached thereto, a second slide movable into and out of supporting engagement with the other end of the board, a detent carried by said board, and a detent carried by said second named slide, said detents being brought into and out of operating engagement by the relative vertical movement of the board and slide.

In testimony whereof, I have hereunto set my hand and affixed my seal.

EDWARD R. HOUSTON. [L. S.]