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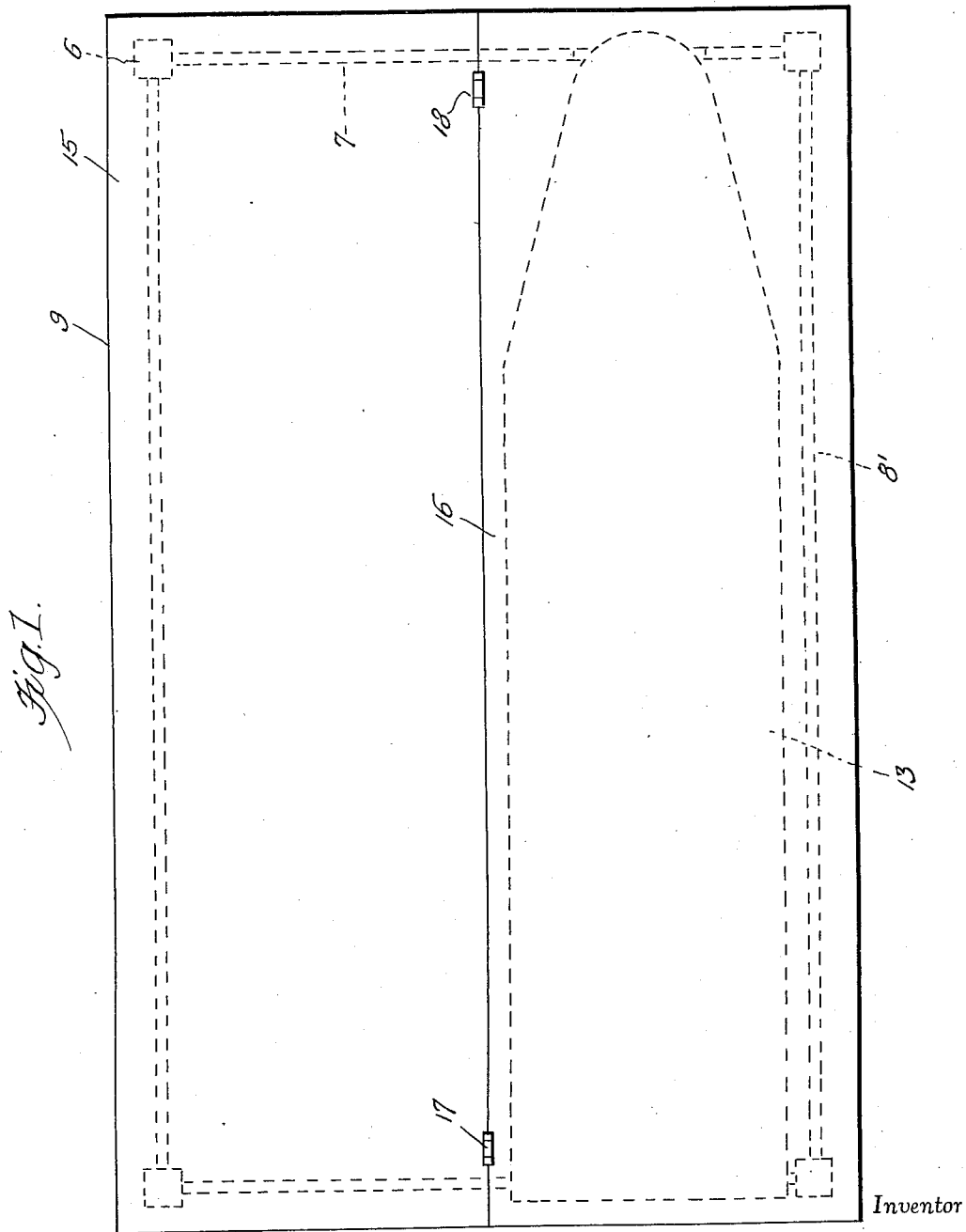
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2,019,092

IRONING BOARD

Filed March 1, 1935

3 Sheets-Sheet 1



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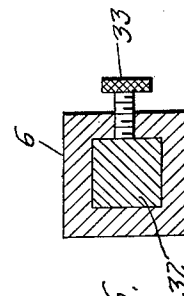
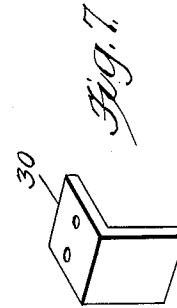
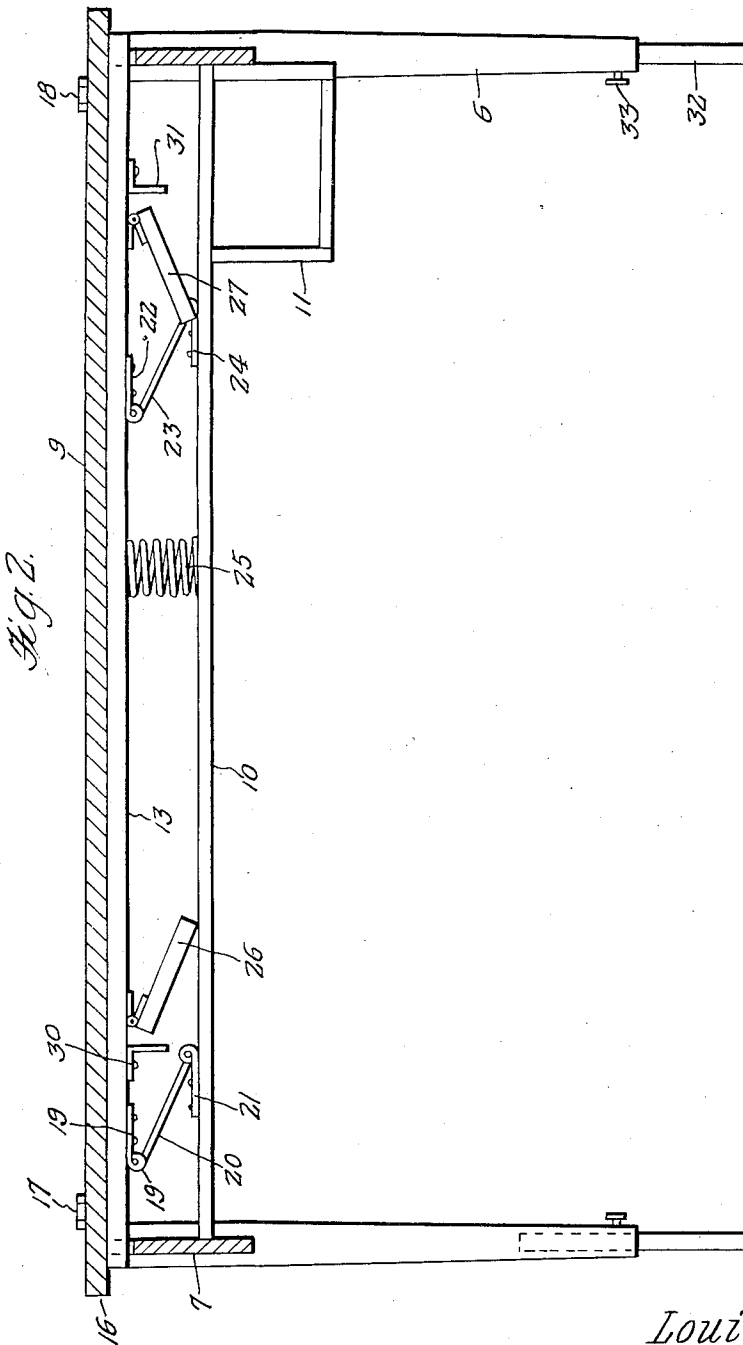
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IRONING BOARD

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3 Sheets-Sheet 2



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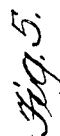
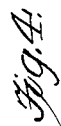
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IRONING BOARD

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3 Sheets-Sheet 3



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UNITED STATES PATENT OFFICE

2,019,092

IRONING BOARD

Louis Pribyl, Enid, Okla.

Application March 1, 1935, Serial No. 8,936

4 Claims. (Cl. 68—10)

My invention relates generally to ironing board structure which when not in use can be used as an ordinary table and which when in use embodies an ironing surface and a flat support for the articles being ironed, and an important object of my invention is to provide a simplified and practical arrangement of this character wherein the ironing surface may be brought into operative position and out of operative position with a minimum of effort.

Another important object of my invention is to provide an arrangement of the character described above which is in a practical and rugged form and which involves all of the advantages of an ordinary table plus the facilities of an efficient ironing board.

Other objects and advantages of my invention will be apparent from a reading of the following description in connection with the drawings, wherein for purposes of illustration I have shown a preferred embodiment of my invention.

In the drawings:—

Figure 1 is a top plan view of the embodiment showing the relation of the ironing surface in dotted lines.

Figure 2 is a longitudinal vertical sectional view through Figure 1 showing the inoperative position of the ironing board per se.

Figure 3 is a longitudinal vertical sectional view through Figure 1 showing the ironing board per se in the elevated operative position.

Figure 4 is a transverse vertical sectional view taken through the right hand part of Figure 3.

Figure 5 is a view similar to Figure 4 taken through the left hand part of Figure 3.

Figure 6 is a horizontal sectional view through one of the legs of the embodiment.

Figure 7 is a perspective view of one of the ironing board stops.

Referring in detail to the drawings, the numeral 5 generally designates the embodiment of the invention which comprises four corner legs 6 between which and to which are connected the apron boards 7, 8 forming the supporting structure for the sectional table top 9 which rests upon the upper ends of the legs and on the upper edge of the apron boards 7 and 8. Between the end apron boards 7 and attached thereto is the ironing board support 10 which extends along one side of the structure only as indicated in Figures 4 and 5.

Attached to the underside of the ironing board support 10 at one end thereof and to the adjacent end apron board 7 is the iron support 11 which is generally designated 11 and which is

in the form of a box-like shelf of convenient size.

The left hand apron board 7 has its upper edge cut away as indicated at 12 to accommodate the wide end of the ironing board which is generally designated 13, while the upper edge of the right hand apron board 7 is cut away as indicated at 14 to accommodate the smaller end of the ironing board as indicated in Figure 2, when the ironing board is in the collapsed inoperative position.

The sectional table top 9 is composed of the stationary section 15 and the hinged section 16, the hinged section lying in the same plane as the stationary section when the hinged section is in the closed position. Suitable hinges 17 and 18 connect the hinged section 16 to the stationary section 15.

The ironing board which is generally designated 13 is of a generally conventional form but has attached to its bottom near the wide end 20 thereof the hinge plate 19 to which is hinged the upper end of the link 20 whose lower end is hinged to a similar hinge plate 21 fastened to the top of the ironing board support 10. Near the right hand end of the ironing board there is a similar pair of hinge plates 22 fastened to the underside of the ironing board and pivoting the upper end of the links 23 which have their lower ends pivoted to the hinge plates 24 fastened to the upper side of the ironing board 10. The hinge supports of each of the described pairs are as widely spaced transversely of the ironing board as the width of the ironing board will permit at the wide end thereof as indicated in Figure 5, while these hinge supports are also relatively similarly widely spaced at the small end of the ironing board as shown in Figure 4. The pins of the hinge joints involved are long and the links and hinge plates wide so as to give a maximum bearing and afford a steady and non-rocking support to the ironing board when it is in the operative position.

A relatively heavy helical spring 25 is compressed between the top of the ironing board support 10 and the bottom of the central part of the ironing board as indicated in Figures 2, 3 and 5, in such an arrangement that the spring 25 has the continual tendency to push the ironing board into the elevated operative position shown in Figure 3 from the compressed position shown in Figure 2. The swingable table top section is of sufficient weight or is provided with a catch which holds the swingable section in the closed position against the action of the spring 25 when the ironing board is not wanted for use,

but as soon as the swingable top section is swung to the open position, the spring 25 forces the ironing board into the elevated operative position shown in Figure 3.

5 In order to rigidly support the ironing board in this elevated operative position, I hinge to the underside thereof pairs of collapsible legs 26, 27 which are connected by hinges 28 and 29, respectively, in such a way that when these legs are
10 swung from an axially inward position relative to the ironing board toward the respective ends of the ironing board the square cut tops of the legs will engage the underside of the top squarely, and the squared lower ends engage the top of the
15 ironing board support 10 squarely, in which position of the legs the legs will engage the L-shaped stops 30 and 31 which are attached in its proper position to the underside of the ironing board adjacent the corresponding hinge 28, 29, whereby
20 the collapsible legs are positively supported in the perpendicular position indicated in Figure 3 and in Figure 4. It is obvious that the greater the weight imposed on the ironing board, the more effective will be the supporting and steadying of the collapsible legs which, however, can be very
25 easily collapsed when pressure is removed from the ironing board by pushing the ironing board slightly in an upward direction and then swinging the collapsible legs toward each other into the positions shown in Figure 2. It will be observed
30 that not only is the ironing board in a convenient elevated position when in the operative position, but that the small end thereof is disposed beyond the right hand end of the supporting structure so as to facilitate ironing of certain articles. It
35 will also be obvious that the bottom of the swingable section 16 of the table top affords a convenient flat surface for wholly or partially supporting articles either before or after they have
40 been ironed or while they are being ironed, the said flat surface support being rigid and being relatively wide and long and closely placed with respect to the side edge of the ironing board away from the operator.

45 The legs 6 of the supporting structure have telescoped therein the extensible portions 32 which can be locked in adjusted position by the set screw 33, whereby the height of the ironing board may be quickly and easily adjusted. It will
50 be observed that when the swingable section 6 of the table top is in the closed position the ironing board is not in any way exposed and a smooth and flat table top is provided. If desired the hinges
55 17 and 18 may be so arranged that they will not protrude above the surface of the table top, so that the table top will be absolutely smooth and unbroken while the ironing board per se is not in operative position.

60 Although I have shown and described herein a preferred embodiment of my invention, it is to be definitely understood that I do not desire to limit the application of the invention thereto, and any change or changes may be made in the materials and in the structure and arrangement of the
65 parts, within the spirit of the invention and the scope of the subjoined claims.

Either a left hand or a right hand ironing board may be used with a corresponding reversal of the legs to bring the small end of the board out beyond the end of the table when it is in operative position.

What is claimed is:—

1. An ironing board structure of the type described comprising a legged support, a table top on said support and having a swingable section, an ironing board support below said swingable section, an ironing board mounted on said ironing board support and vertically movable with respect thereto, and spring means on said ironing board support for pushing said ironing board into an elevated operative position from a depressed
15 inoperative position when said swingable section is swung to an open position.

2. An ironing board structure of the character described comprising a support, a sectional table top on said support, an ironing board mounting
20 below said top, said top including a swingable section located over said ironing board support, an ironing board mounted for vertical movement relative to said ironing board mounting, said swingable section engaging the top of said ironing
25 board and holding the same in a depressed inoperative position while said section is in a closed position, said section being free of the ironing board when in an open position, and spring means normally urging said ironing board to an
30 elevated operative position.

3. An ironing board structure of the character described comprising a support, a sectional table top on said support, an ironing board mounting
35 below said top, said top including a swingable section located over said ironing board support, an ironing board mounted for vertical movement relative to said ironing board mounting, said swingable section engaging the top of said ironing
40 board and holding the same in a depressed inoperative position while said section is in a closed position, said section being free of the ironing board when in an open position, and spring means normally urging said ironing board to an elevated operative position, said ironing
45 board mounting and said ironing board occupying a location at one side only of the first-mentioned support.

4. An ironing board structure of the character described comprising a support, a sectional table
50 top on said support, an ironing board mounting below said top, said top including a swingable section located over said ironing board support, an ironing board mounted for vertical movement relative to said ironing board mounting, said
55 swingable section engaging the top of said ironing board and holding the same in a depressed inoperative position while said section is in a closed position, said section being free of the ironing board when in an open position, and spring means normally urging said ironing board to an elevated
60 operative position, and means in addition to said spring means and engageable with said ironing board mounting for positively holding said ironing
65 board in the elevated operative position.

LOUIS PRIBYL.