April 28, 1931. J. T. BATSELL 1,803,162

DISAPPEARING IRONING BOARD

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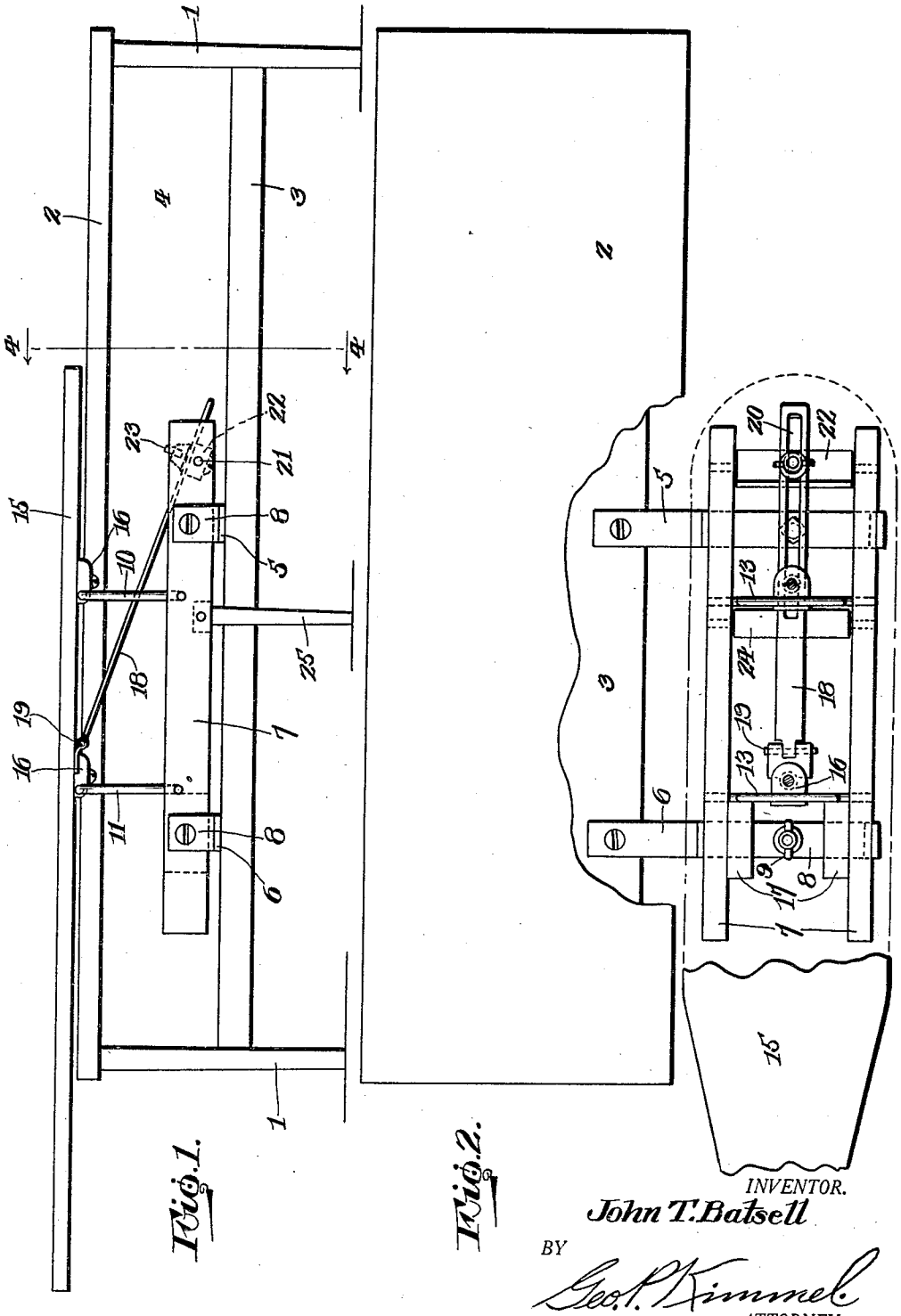



Fig. 1.

Fig. 2.

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Fig. 3.

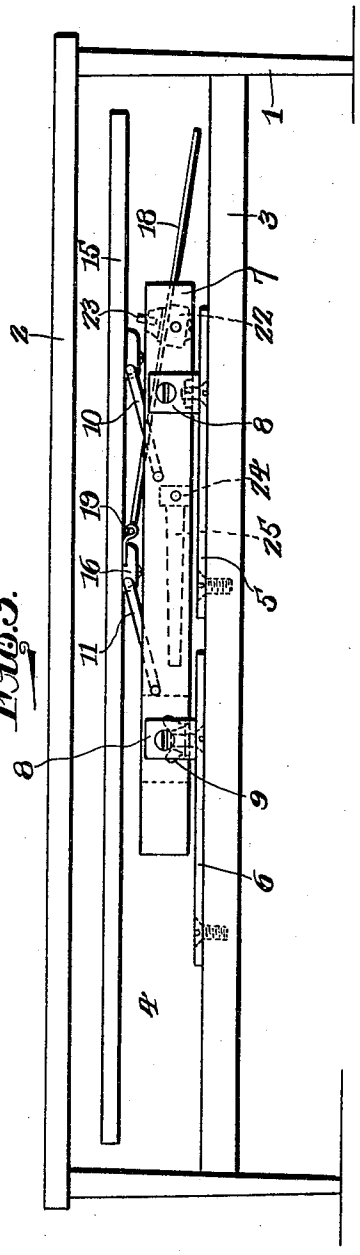


Fig. 5.

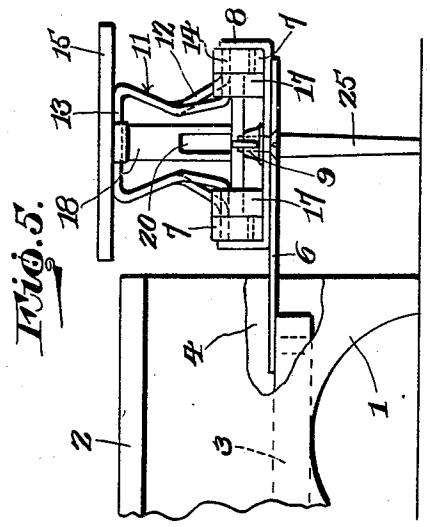
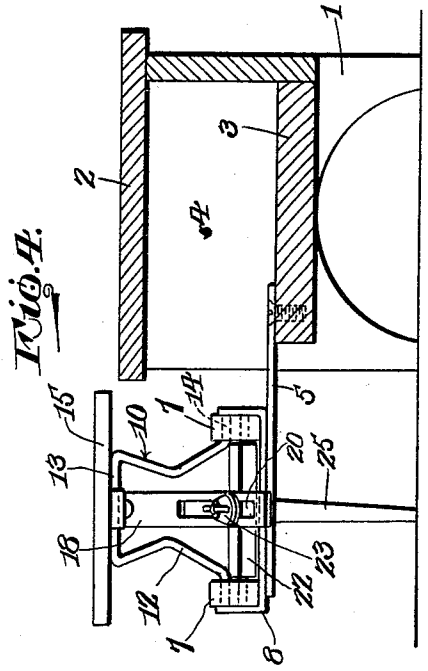


Fig. 4.



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# UNITED STATES PATENT OFFICE

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## DISAPPEARING IRONING BOARD

Application filed February 21, 1930. Serial No. 430,332.

This invention relates to an ironing board adapted to be pivotally mounted with respect to a table or other article of furniture, and has for its primary object to provide, in a manner as hereinafter set forth, an ironing board of such class which is adapted to disappear within the article of furniture mounting the same in order to be obscured from view when not in active use, and which may be readily swung to operative position when it is desired to use the same, thereby conserving space in storing the ironing board and enhancing the appearance of the room in which the ironing board is stored.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more particularly described, and as illustrated in the accompanying drawings wherein is shown an embodiment of the invention, but it is to be understood that the description and drawings are to be taken as illustrative and that the invention is intended to be limited only by the scope of the claims hereunto appended.

In the accompanying drawings in which like numerals are employed to designate like parts throughout the several views:—

Figure 1 is a side elevation of an ironing board in accordance with this invention, showing the same in connection with a table and swung to operative position.

Figure 2 is a top plan of the embodiment shown in Figure 1.

Figure 3 is a view similar to Figure 1, showing the ironing board in inoperative or storage position.

Figure 4 is a section taken on the line 4—4 of Figure 1.

Figure 5 is an end elevation as viewed from the left of Figure 1.

By way of illustration, the ironing board is shown in connection with a table, but it is to be understood that the ironing board may be used in connection with any suitably constructed article of furniture. The table as shown consists of end supports 1, a top 2, and a shelf 3 which is secured to the supports 1 and which extends in parallel, spaced relation to the top 2 to provide a space 4 between the top 2 and shelf 3.

Pivotally connected to the shelf 3 are a pair of arms 5 and 6, to the outer ends of which the ironing board is pivotally connected. The arm 5 is disposed substantially midway between the ends of the table, and the arm 6 is disposed between the arm 5 and one end of the table. The ironing board consists of a frame formed of a pair of elongated, spaced stringers 7 which are rigidly mounted on a pair of substantially U-shaped supports 8. Spaced from the outer ends thereof, the arms 5 and 6 are pivotally connected to the supports 8, the pivotal connection of the arm 6 including a wing nut 9 by means of which the ease of pivotal movement between the arms and frame may be adjusted as desired.

Spaced from the ends of the frame are a pair of yokes 10 and 11, each of which includes a pair of arm portions 12 arranged in spaced relation and merging into the ends of a base portion 13. The arms 12 are formed with horizontally disposed outer end portions 14 which are pivotally connected with the stringers 7. The base portions 13 of the yoke are horizontally disposed and have supported thereon the top 15 of the ironing board. The top 15 is pivotally connected to the base portions 13 of the yokes by means of a pair of clamping elements 16.

Adjacent the horizontal portions 14 of the yoke 11 are a pair of stops 17 which are fixedly secured to the inner faces of the stringers 7. The stops 17 are disposed within the path of travel of the arms 12 of the yoke 11 in order to limit the pivotal movement of the latter in a forward direction. When the arms 12 of the yoke 11 engage the stops 17, the yokes 10 and 11 are disposed vertically and the top 15 of the ironing board is disposed in its uppermost position. When the yokes are swung rearwardly about their pivots, the top 15 is lowered to the position shown in Figure 3, in which position the ironing board may be swung into the space 4 owing to the pivotal connections between the arms 5 and 6 and the ironing board, and between the arms 5 and 6 and the shelf 3.

The top 15 may be secured in selected inter-

mediate positions, by means of an adjusting bar 18, the forward end of which is mounted on a horizontally disposed pivot pin 19 secured to the lower face of the top 15. The bar 18 is provided with an elongated slot 20 for the extension therethrough of a suitable bolt 21 which extends through a block 22 disposed between and having its ends pivotally connected with the stringers 7. The bolt 21 is provided with a wing nut 23 which may be tightened to firmly press the bar 18 against the block 22. In spaced relation to the block 22, a block 24 is pivotally connected at its ends with the stringers 7, and depending from the block 24 is a rigid leg 25 which is adapted to rest on the floor to support the ironing board when the latter is in operative position.

When the ironing board is stored within the space 4, the top 15 is disposed in its lowermost position with respect to the supporting frame therefor, and the supporting leg 25 is swung to horizontal position. When it is desired to withdraw the ironing board from the space, an outward pull is exerted on one of the stringers 7 which causes a pivotal movement between the arms 5 and 6 and the ironing board, and also between the arms 5 and 6 and the shelf 3. The supporting leg 25 is then swung downwardly to support the ironing board frame, and the top 15 is swung to the desired position and secured in such position by means of the wing nut 23.

It is thought that the many advantages of an ironing board in accordance with this invention will be readily apparent, and although the preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the size, shape and arrangement of parts may be resorted to, so long as such changes fall within the scope of the invention as defined in the appended claims.

What I claim is:

1. In an ironing board, a supporting arm adapted to be pivotally connected at one end to a support, a frame pivotally connected to said arm, means for adjusting the ease of pivotal movement between the frame and arm, a pair of yokes pivoted to the frame, an ironing board top pivotally mounted on the yokes, means for limiting pivotal movement of the yokes in one direction, and means for securing the yokes against pivotal movement in either direction.

2. In an ironing board, a supporting arm adapted to be pivotally connected at one end to a support, a frame pivotally connected to said arm, means for adjusting the ease of pivotal movement between the frame and arm, a pair of yokes pivoted to the frame, an ironing board top pivotally mounted on the yokes, means for limiting pivotal movement of the yokes in one direction, means for securing the yokes against pivotal movement in either direction, and a supporting leg pivotally connected to the frame.

3. In an ironing board, a supporting arm adapted to be pivotally connected at one end to a support, a frame pivotally connected to the arm, means for adjusting the ease of pivotal movement between the frame and arm, said frame including a pair of spaced, elongated stringers, a pair of yokes having horizontally disposed end portions pivotally connected to said stringers and further having horizontally disposed base portions connecting the arm portions, an ironing board top supported by and pivotally connected to the base portions of the yokes, means for limiting pivotal movement of the yokes in one direction, and means for securing the yokes against pivotal movement in either direction.

4. In an ironing board, a supporting arm adapted to be pivotally connected at one end to a support, a frame pivotally connected to the arm, means for adjusting the ease of pivotal movement between the frame and arm, said frame including a pair of spaced, elongated stringers, a pair of yokes having horizontally disposed end portions pivotally connected to said stringers and further having horizontally disposed base portions connecting the arm portions, an ironing board top supported by and pivotally connected to the base portions of the yokes, means for limiting pivotal movement of the yokes in one direction, and means for securing the yokes against pivotal movement in either direction, said means for limiting the pivotal movement of the yokes in one direction comprising a pair of blocks fixedly secured to said stringers adjacent the arm portions of one of said yokes.

5. In an ironing board, a supporting arm adapted to be pivotally connected at one end to a support, a frame pivotally connected to the arm, means for adjusting the ease of pivotal movement between the frame and arm, said frame including a pair of spaced, elongated stringers, a pair of yokes having horizontally disposed end portions pivotally connected to said stringers and further having horizontally disposed base portions connecting the arm portions, an ironing board top supported by and pivotally connected to the base portions of the yokes, means for limiting the pivotal movement of the yokes in one direction, an elongated bar having one end pivotally connected to said top and formed with an elongated slot, a block disposed between said stringers and having its ends pivotally connected therewith, a bolt extending through said block and said slot, and a nut threaded on the bolt for pressing the bar against the block.

6. In an ironing board, a supporting arm adapted to be pivotally connected at one end to a support, a frame pivotally connected

to the arm, means for adjusting the ease of pivotal movement between the frame and arm, said frame including a pair of spaced, elongated stringers, a pair of yokes having horizontally disposed end portions pivotally connected to said stringers and further having horizontally disposed base portions connecting the arm portions, an ironing board top supported by and pivotally connected to the base portions of the yokes, means for limiting the pivotal movement of the yokes in one direction, an elongated bar having one end pivotally connected to said top and formed with an elongated slot, a block disposed between said stringers and having its ends pivotally connected therewith, a bolt extending through said block and said slot, a nut threaded on the bolt for pressing the bar against the block, a leg supporting block disposed between the stringers and having its ends pivotally connected therewith, and a supporting leg rigidly connected to the leg supporting block and extending at a right angle thereto.

In testimony whereof, I affix my signature hereto.

JOHN T. BATSELL.