

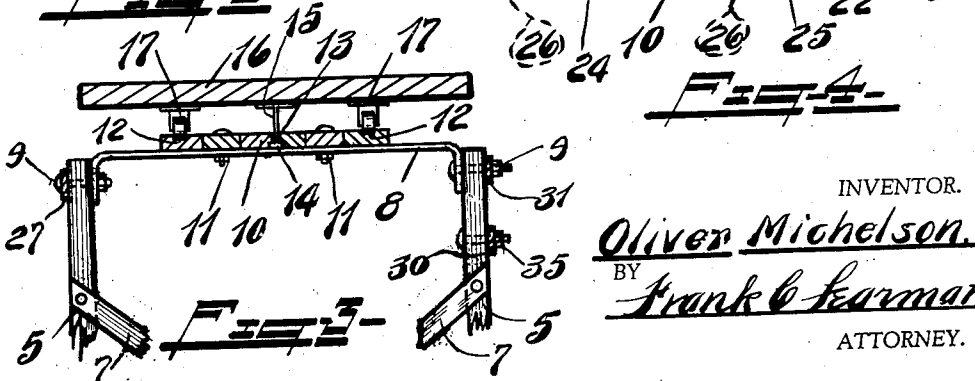
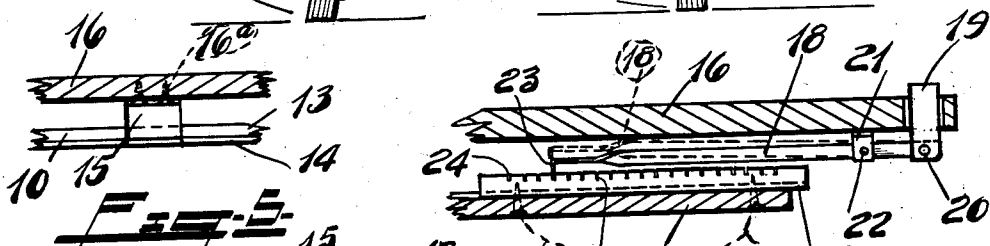
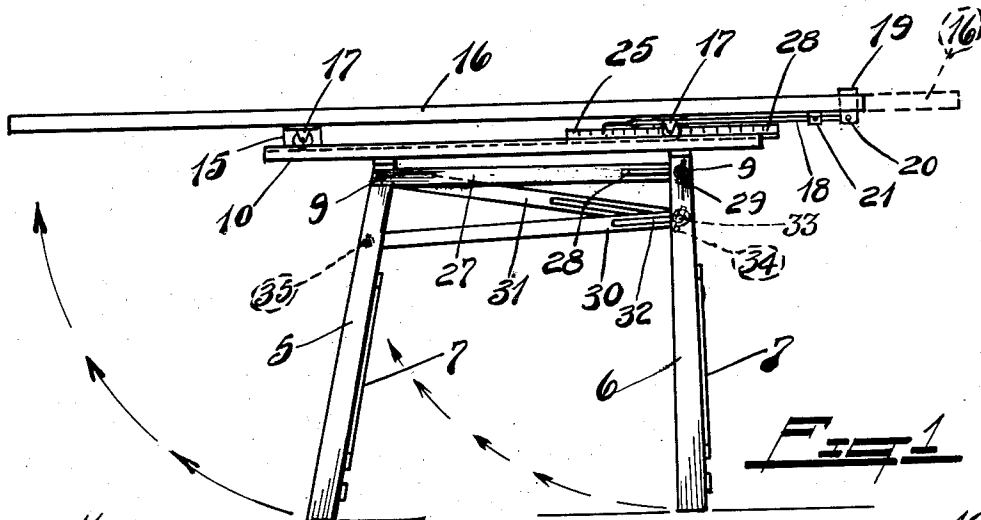
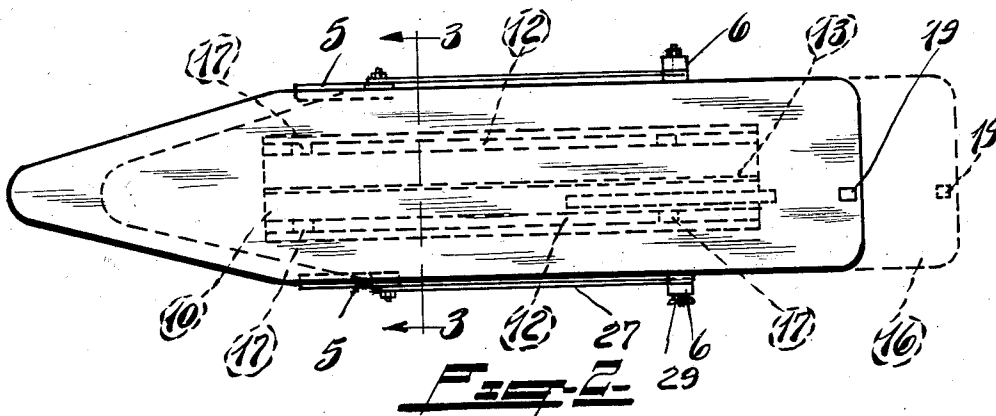
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IRONING BOARD

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IRONING BOARD

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7 Claims. (Cl. 68—10)

The present invention relates to ironing boards, and more particularly to a structure which permits the operator to remain seated when ironing, with the board proper disposed over the operator's lap, so that the arm holding the iron will be in a natural position close to the body, and so that the ironing can be accomplished without undue exertion and in an efficient manner.

One of the prime objects of the invention is to design an ironing board provided with means for moving the board longitudinally as the work progresses, and so that the ironing operation can be performed almost directly over the lap of the operator.

Another object is to provide locking means for locking the board in adjusted position, said locking mechanism being so designed and arranged that the unlocking and shifting of the board is accomplished by use of but one hand.

A further object is to provide a foldable and longitudinally adjustable ironing board, to or on which the pad or cover can be readily laced or secured, and further provide means for centering and guiding the board as it is adjusted.

With the above and other objects in view, the present invention consists in the combination and arrangement of parts, hereinafter more fully described, illustrated in the accompanying drawing, and particularly pointed out in the appended claims, it being understood that changes may be made in the form, size, proportion, and minor details of construction, without departing from the spirit, or sacrificing any of the advantages of the invention.

In the drawing—

Fig. 1 is a side elevation showing the ironing board in a set up position.

Fig. 2 is a top plan view, the arrows showing how the legs swing to folded position.

Fig. 3 is a fragmentary transverse sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is an enlarged detail showing the locking mechanism, the broken lines showing the locking lever in disengaged position.

Fig. 5 is a fragmentary sectional side elevation showing one of the guides.

Referring now to the drawing, the ironing board comprises spaced apart front and rear pairs of legs 5 and 6 respectively, each pair being reinforced by means of diagonally disposed braces 7 as usual, with the back pair of slightly greater width than the front pair so that the front pair folds compactly therein; bars 8 span the upper end of each pair of legs and are se-

cured to said legs by means of bolts 9 in the conventional manner.

The board 10 can be formed of any desired material, and is secured to the bars 8 by means of bolts 11, and spaced apart grooved tracks 12 are provided on the face thereof and for a purpose to be presently described.

A longitudinally disposed slot 13 is provided in the board 10, the lower edge of the slot being shouldered as at 14, and a pair of guide members 15 are adapted to slide therein, the upper end of each guide being flanged as shown and being secured to the lower face of the ironing board 16 by means of screws or the like 16^a. Spaced apart caster assemblies 17 are also secured to the lower face of the board, the casters proper being preferably formed of rubber and travelling in the grooved tracks 12 as the board is adjusted, so that noise is eliminated.

The locking mechanism comprises a lever member 18 having the vertically disposed thumb rest 19 pivotally secured thereto by means of a pin 20, the upper end of said thumb rest projecting through a suitable opening and above the face of the board; this lever member 18 is pivotally connected to a bracket 21 by means of a pin 22. The bracket 21 is secured to the lower face of the ironing board 16 by means of screws (not shown), the outer end of the lever 18 being bent downwardly to form a jaw 23 which is adapted to engage one of the notches 24 provided in the raised member 25, and which is secured to the board by means of screws 26, and it will be obvious that by pressing downwardly on the thumb rest 19, that the jaw 23 will be disengaged from the member 25, so that the board 16 can be shifted to the desired position.

As previously pointed out, this ironing board was designed to enable the operator to work while seated, and to bring the board proper over the operator's lap and permit its longitudinal adjustment. It, therefore, follows that the operator's knees must extend beneath the ironing board proper and that there must be no interfering of longitudinal braces between the front and rear legs, and I, therefore, provide but the one longitudinal brace 27 on the one side of the frame, and this is disposed at the upper ends of the legs so that it does not interfere, said brace being slotted as at 28 to permit the legs to be swung up or down when the structure is folded and unfolded, and to further permit adjustment of the angle of inclination of said legs so that the height of the ironing board can be adjusted, and the bolts 9 serve to secure it in position, the

bolt which secures the slotted end of the brace having a wing nut 29 so that it can be readily loosened or tightened. Braces 30 and 31 are provided on the opposite side of the frame and are also slotted as at 32 to facilitate the folding and regulation of the height of the ironing board, the one end of the brace 31 being secured by the bolt 9, the opposite end being secured by means of the bolt 33 which also secures the slotted end of the brace 30, a wing nut 34 being provided as usual, and a bolt 35 secures the opposite end of said brace 30.

It will be noted that the locking mechanism is located at the end of the board; however, this is a matter of choice, as it can be located at any point intermediate the length of the board, it being merely necessary to bend and extend the end of the lever within reach of the hand of the operator.

To fold it is merely necessary to loosen the wing nuts 9 and 34, and the bolt 33, swing the legs forwardly and upwardly in the direction as indicated by the arrows, and the board is in folded position, the slots in the braces being of a length sufficient to permit this folding.

The device is simple and practical, it eliminates the tiresome standing and resulting fatigue, it can be readily manufactured and assembled, and can be folded in a small, compact bundle.

From the foregoing description it will be obvious that I have perfected a very simple, practical, and convenient adjustable ironing board, which permits the operator to remain seated while ironing.

What I claim is:

1. An ironing board, comprising a supporting frame, a board secured thereto, a shiftable ironing board mounted on said board and shiftable longitudinally thereon, guides secured to said ironing board and having sliding engagement with said board, longitudinally spaced casters mounted on the ironing board and engaging said board, and locking means for holding said ironing board in adjusted position.

2. An ironing board, comprising spaced apart supporting legs, a board rigidly mounted thereon, and provided with a slot therein, a wheeled ironing board mounted on said board and adjustable longitudinally thereon, a locking lever pivotally mounted on the ironing board, and a notched member mounted on said first board and adapted to be engaged by said lever for holding the ironing board in its adjusted position.

3. An ironing board comprising a frame, a board secured on said frame and formed with a longitudinal slot, spaced apart grooved tracks in said board, an ironing board provided with casters mounted on said board and adapted to travel in said grooves, guides on said ironing board adapted to slide in said slot, and means for locking said ironing board in various adjusted positions.

4. An ironing board comprising a supporting frame, a board mounted thereon and provided with a longitudinally disposed slot therein, an ironing board shiftable mounted on said board and provided with guides for slidably engaging said slot, and a locking lever mounted on said ironing board and engageable with said board for securing the ironing board in various adjusted positions.

5. An ironing board of the class described and comprising a supporting frame having a board mounted thereon, a longitudinally disposed slot in said board, an ironing board provided with spaced apart caster members engaging said board to permit longitudinal adjustment of the ironing board, guides on said ironing board and engageable in said slot, and locking means mounted on said ironing board and engageable with said board for holding the ironing board in adjusted position.

6. An ironing board of the class described and including a supporting frame having a horizontally disposed board member rigidly secured thereto, an ironing board mounted on said horizontally disposed board member and provided with casters for rolling engagement therewith, guides mounted on said ironing board and engageable with said board member, and manually operable locking mechanism for holding said board in various adjusted positions.

7. An ironing board of the class described and including a supporting frame having a horizontally disposed slotted member rigidly secured to the top thereof, a notched member mounted thereon tracks in said slotted member, an ironing board mounted on said slotted member and provided with spaced apart caster assemblies for travel in said tracks, guide members mounted on the ironing board and slidably engaging in said slot, and a locking lever mounted on the ironing board and engageable with said notched member for locking the ironing board in various adjusted positions.

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