H. E. LEWIS.

IRONING TABLE.

APPLICATION FILED JUNE 27, 1910.

995,612. Patented June 20, 1911.

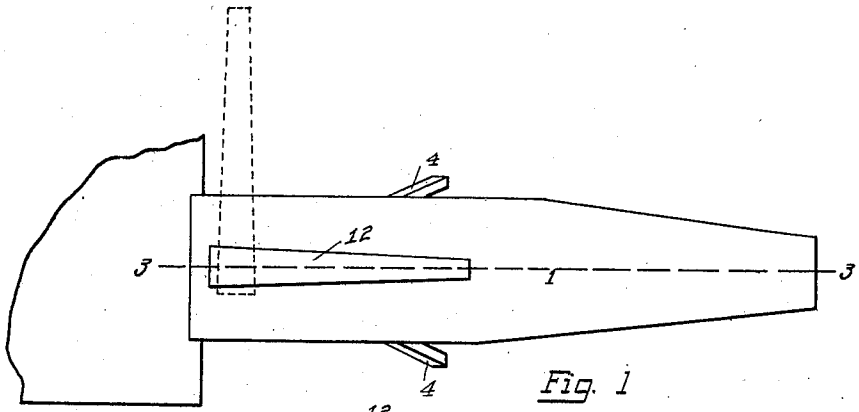

Fig. 1

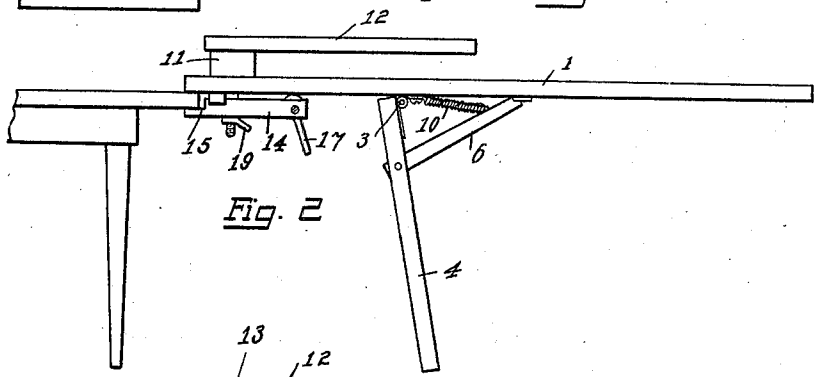

Fig. 2

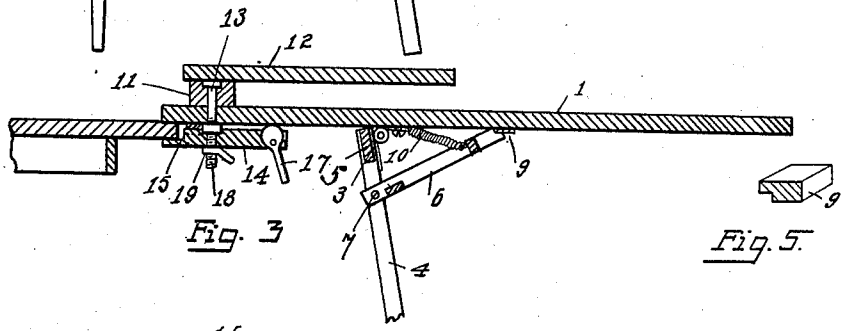

Fig. 3

Fig. 5.

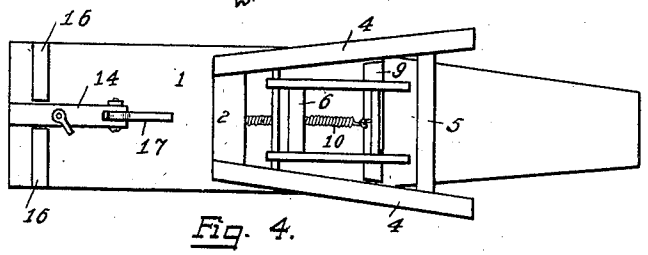

Fig. 4.

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IRONING-TABLE.

995,612. Specification of Letters Patent. Patented June 20, 1911.

Application filed June 27, 1910. Serial No. 569,065.

To all whom it may concern:

Be it known that I, HARRY E. LEWIS, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Ironing-Tables, of which the following is a specification.

This invention relates to certain novel and useful improvements in ironing tables or boards.

In carrying out my invention, one of the objects is to provide a table or board which can be easily and readily folded up and stored away when not in use, such board or table when folded occupying relatively little space.

A further object of my invention is to provide a table provided with a supplemental or extra board for ironing sleeves and other small garments or articles, said board being capable of being turned at an angle to the main board, to be out of the way when the ironing is taking place upon the main board.

Still a further object of my invention is to provide novel means for fastening and supporting one end of the board upon a table or similar object.

With the above recited objects and others of a similar nature in view, my invention consists in the construction, combination and arrangement of parts set forth in and falling within scope of the appended claims.

In the accompanying drawings: Figure 1 is a plan view of a table embodying my invention, one end of said table being shown as resting upon any suitable support, Fig. 2 is a view in side elevation of the table shown in Fig. 1, Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 1, Fig. 4 is a view of the underside of the table when in its folded position, and, Fig. 5 is a detail view of the brace stop bar at the underside of the table.

Referring now to the accompanying drawings in detail, the numeral 1 designates the main board of the table, which is of the ordinary shape, such board being provided with a suitable support 2, pivoted or hinged at 3 to the underside of the main board, said support comprising the legs 4—4 connected by the cross bars 5.

The numeral 6 designates a suitable brace pivoted at 7 to the support 2 of the board, the free ends of said brace being adapted when the leg or support of the table is in its vertical supporting position, to contact with the stepped stop or rest 9 fastened to the underside of the board 1. A tension spring 10 is connected at one end to the underside of the board 1, preferably adjacent to the hinge 3 and at its opposite end to the brace 6, the structure being such that when the support 2 is swung downward into its vertical supporting position, the spring will automatically elevate the brace 6 and throw the same into locking engagement with the stepped bar 9, so that it is unnecessary for the operator to lose time to manually adjust the brace.

Mounted upon top of the board 1 and preferably near one end thereof, is a block 11 carrying the small or supplemental ironing board 12 which may be used for the purpose of ironing sleeves and other small articles. Extending through the block 11 and pivotally connecting the same to the main board 1, is the bolt 13 provided so that the board may be swung into the position shown in dotted lines in Fig. 1, when it is desired to have further use of the main board. The shank of a bolt extending through the main board, also projects through the clamping bar 14 having one end thereof as at 15 recessed or shouldered, so that such bar forms in conjunction with the end of the board 1, a space for the reception of the edge of a table or other support, as is clearly shown in Figs. 2 and 3. Suitable cleats are provided such as shown at 16—16, said cleats extending transversely of the board, as will be seen from Fig. 4.

In order to tighten or loosen the clamping bar 14, I provide the eccentric cam lever 17 suitably pivoted to the bar, the face of the cam being adapted to bear against the underside of the board 1 to clamp the bar 14. The shank of the bolt 13 is threaded as is shown at 18 and is provided with a traveling thumb nut 19, through the medium of which the bar 14 may be adjusted up and down upon the screw, to enable the cam lever 17 to perform its proper function by bearing against the under surface of the board and tightening the clamp when in use.

From the above description, taken in connection with the accompanying drawings, the construction and operation of my improved board will be readily apparent.

When out of use, the support or leg of the board is normally folded as is shown in Fig. 4. When it is desired to use the board,

it is merely necessary to throw the leg downward, with the brace 6 catching against the stop 9 and to rest the edge of the board upon a table or the like, with the edge of the table fitting in the groove or recess formed by the clamping bar 14 and the edge of the board. The thumb nut 19 having been properly adjusted, the lever 17 is then swung downward so that the cam surface thereof bears against the underside of the board and tightens the clamp. If it be desired to use the sleeve board 12, the latter is in the position shown in full lines in Figs. 1 and 2. When it is desired to swing the board 12 to one side, the cam lever is thrown out of engagement with the board 1 and the board 12 may then be swung upon the pivot bolt 13 to one side.

It will be noted that I have provided an exceedingly simple, handy and convenient ironing board and one which will enable the person ironing, to work with rapidity on both the body portions of garments and upon sleeves and at the same time such board may be folded up and occupy but comparatively little space when out of use.

What I claim, is—

1. In an ironing table, the combination of a main board, a supplemental board pivotally mounted thereon, a clamping bar located beneath the main board upon the pivot of the supplemental board, a cam lever for actuating said locking bar to clamp the supplemental board in position, a hinged support for the main board, and a spring tensioned brace adapted when the support is swung into its vertical position to engage with a stop member on the underside of the main board.

2. In an ironing table, the combination of a main board, a supplemental board mounted thereon and spaced apart from the main board, a bolt for the supplemental board passing through the main board, a clamping or locking bar at the underside of the main board and carried by the pivot bolt, one end of said bar being recessed, a cam lever for actuating said bar, a nut for adjusting the bar along the pivot bolt, a hinged support for the table, a brace for said support, a stop for the brace at the underside of the main board, and a tension spring for drawing said brace into contact with the stop when the hinged support is swung downward into supporting position.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY E. LEWIS.

Witnesses:
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