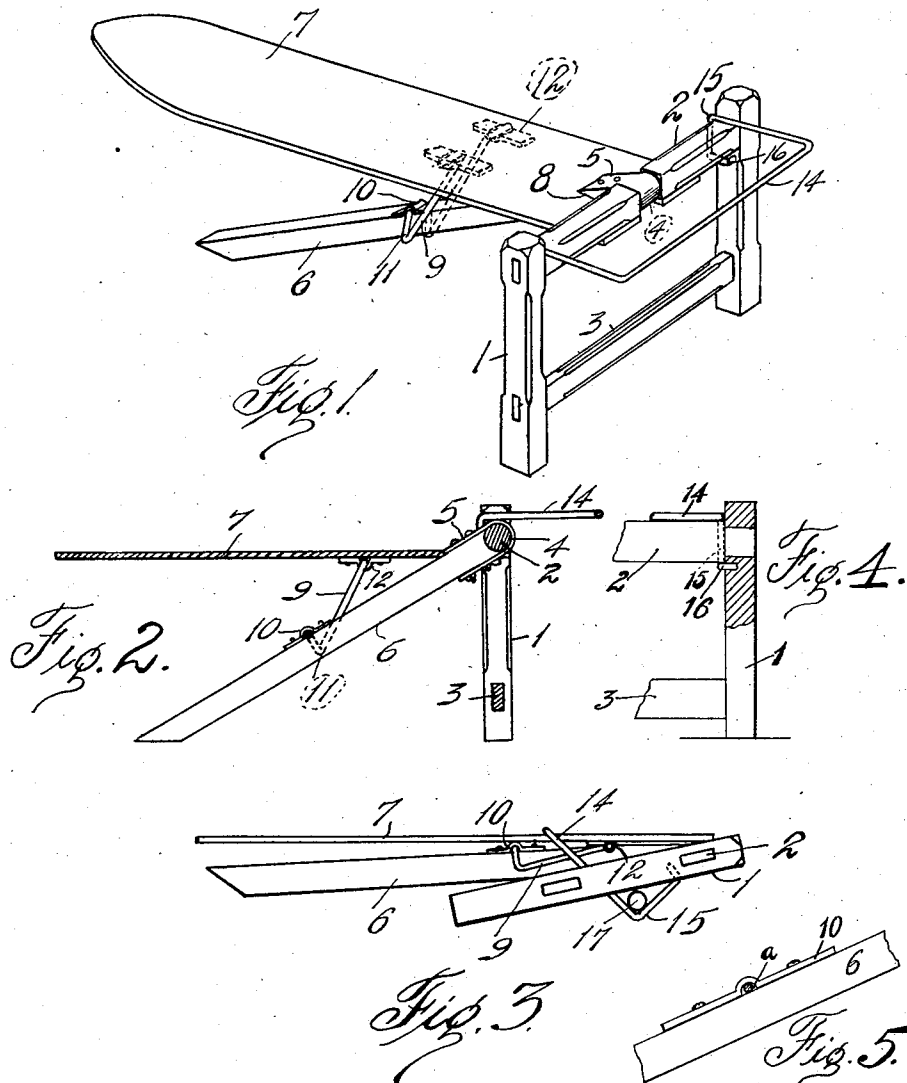


J. B. COTTLE.
IRONING BOARD.
APPLICATION FILED MAY 16, 1911.

1,024,720.

Patented Apr. 30, 1912.



WITNESSES:
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JOHN B. COTTLE, OF ROSEBUD, TEXAS.

IRONING-BOARD.

1,024,720.

Specification of Letters Patent.

Patented Apr. 30, 1912.

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To all whom it may concern:

Be it known that I, JOHN B. COTTLE, citizen of the United States, residing at Rosebud, in the county of Falls and State of Texas, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

This invention relates to new and useful improvements in ironing boards.

The object of the invention is the provision in a single structure of a folding ironing board and a clothes rack.

A further feature resides in the provision of foldable supporting members and the arrangement whereby the parts are locked in operative position; together with a locking bar whereby the parts may be fastened in their folded position.

A still further object of the invention is the provision of a device of the character described that will be strong, durable, efficient, and simple and inexpensive to produce, also one in which the several parts will not be likely to get out of working order.

With the above and other objects in view the invention has relation to certain novel features of construction and operation, an example of which is described in the following specification and illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view showing the board and clothes rack in position for ironing, Fig. 2 is a longitudinal vertical sectional view of the same, Fig. 3 is a side elevation of the device folded, Fig. 4 is a detail in section showing one of the trunnions, Fig. 5 is a detail view on an enlarged scale of one of the clips used in this embodiment of the invention.

In the drawings the numeral 1 designates the uprights or standards of a supporting member. These standards are connected by horizontal cross bars 2 and 3 rigidly secured thereto. At the center of the upper bar 2 a round bearing portion 4 is provided with shoulder portions at each end.

A bearing strap 5 is curved about the portion 4 and has its end portions secured to the upper and lower sides of a brace member 6. In this way the supporting and the brace members are hinged together and the lower end of the member 6 is cut at an angle so as to lie flat upon a floor, the brace member inclining upward and the supporting member being disposed vertically as shown in Figs. 1 and 2.

An ironing board 7 has its inner end cut at right angles to its sides. This end is recessed at 8 to snugly receive the brace member 6 and also to engage the under flat surface of the cross bar 2. The board is supported by a U-shaped bracket 9 pivotally confined on the upper side of the member 6 by a clip 10. The bracket is bent down on each side of the brace member as indicated at 11, whereby it is held against lateral displacement. The upper ends of the bracket are bent outward and hinged in clips 12 secured to the under side of the board. The bracket inclines slightly toward the supporting member 1.

The clips 10 and 12 are preferably of like construction, and are of any form which will pivotally secure the bracket 9 to the brace and board. Fig. 5 shows one of the clips as used in the present instance and is a metal strip bent across the middle to form a channel *a*, said channel providing a bearing for the bracket 9 when the strip is secured to the member 6.

The board engaging under the bar 2 and bearing upon the bracket 9 acts as a lever when pressure is placed on the outer end portion of the board, and it is apparent that the inner end of the board is not fastened to, but is simply extended beneath the bar and will be forced against the under side of said bar and the parts held in rigid position.

For supporting clothes and articles which have been ironed a metal rack 14 is provided. This rack is preferably formed of a stiff metal rod and bent into a substantially U-shape with its ends extending inward over the bar 2. Each end of the rack has an angular portion 15 so as to engage the upper inner sides of the bar 2. The extreme ends of the rack terminate in trunnions 16 slightly below the bar 2 and engage in the inner sides of the standards of the supporting member. The rack is thus hinged and is swung outward on the opposite side of the supporting member to the board 7, its angular portions engaging with the bar 2 whereby it is supported in a horizontal position.

When it is desired to fold the device the outer end of the board 7 is slightly raised so that the board is fulcrumed on the bracket 9 and may then be pulled outward to disengage its inner end from under the bar 2. The board is then swung toward and over the bar 2 and the brace member 6

and supporting member are swung under the board as shown in Fig. 3. The rack 14 is swung upward and down upon the board, its angular portions 15 passing between the standards 1 and projecting below the same as shown in Fig. 3.

The device may be fastened in its folded position by passing a bar 17 through the angular portions of rack and under the standards 1, the bar being of such diameter as to frictionally engage with the parts and draw the rack down upon the board 7.

It is obvious that the device may be folded into compact form and when placed on end will not unfold. The locking bar 17 holds the parts together and permits the device to be transported without unfolding. The ironing board may be quickly set in position. The rack 14 besides being a necessary part does not occupy any portion of the board and being only slightly above the board may be used as a support for extra long articles which project over the bar 2.

What I claim, is:

1. A folding ironing board comprising, a supporting member having a cross bar, an inclined brace member having its upper end

hinged to the center of the cross bar, a board having its inner end engaging under the cross bar and provided with a recess receiving the upper hinged end of the brace member, a supporting bracket hinged and confined to the brace member and the board, and a rack hinged to the supporting member and having angular portions located to receive the cross bar of said member.

2. In a folding ironing board, a supporting member, a cross bar in the member, a brace member hingedly secured to the cross bar, a board having a recess located to receive the brace member, a hinged bracket secured to the brace member and the board, a rack hinged to the supporting member and adapted to be swung down upon the board, the board, supporting member and brace member being arranged to be folded together, and a locking bar engaging between the rack and the supporting member.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN B. COTTLE.

Witnesses:

E. E. WHITE,
MINNIE WHITE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."