H. H. SMITH.

FLAT IRON STAND.

APPLICATION FILED OCT. 6, 1917.

1,302,866. Patented May 6, 1919.

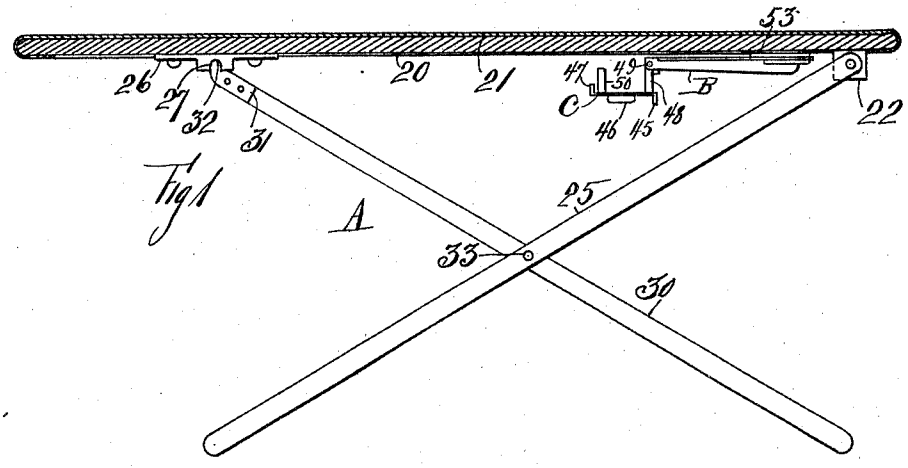


Fig 1

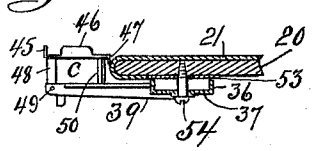


Fig 3

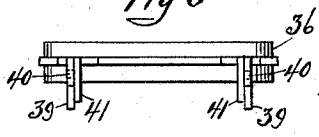


Fig 6

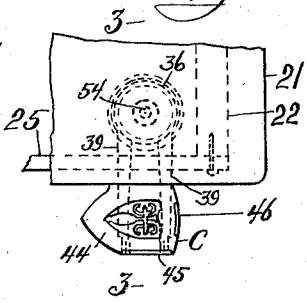


Fig 2

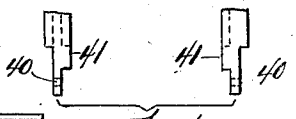


Fig 7

Fig 4

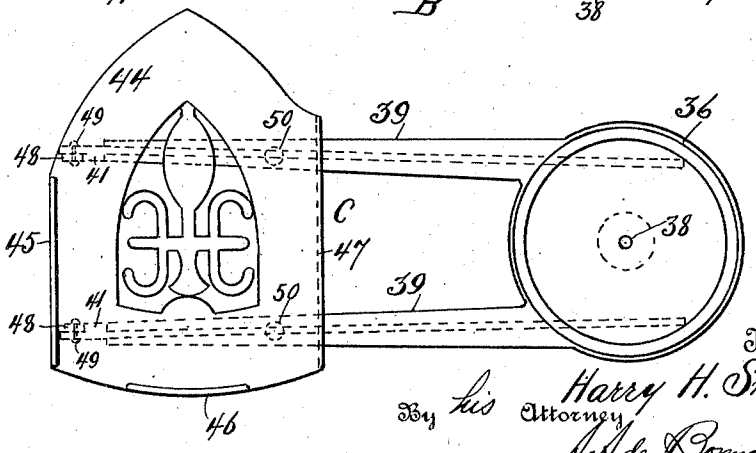


Fig 5

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UNITED STATES PATENT OFFICE.

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FLAT-IRON STAND.

1,302,866. Specification of Letters Patent. Patented May 6, 1919.

Application filed October 6, 1917. Serial No. 195,062.

To all whom it may concern:

Be it known that I, HARRY H. SMITH, a citizen of the United States, and a resident of the borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Flat-Iron Stands, of which the following is a specification.

This invention relates to a flat-iron stand. Its organization includes a stand which is adjustably connected to an ironing board and can be folded into and out of operative position. When the stand is located in operative position it is also locked in place.

In the drawings Figure 1 represents an elevation and section of the stand when in its unlocked and unfolded position attached to an ironing table; Fig. 2 shows a top plan view of a fragmentary portion of Fig. 1; Fig. 3 is a section of Fig. 2 on the line 3, 3; Fig. 4 represents an enlarged front elevation of the stand in operative position; Fig. 5 is a top plan view of Fig. 4; Fig. 6 shows an end view of a bracket for the stand and Fig. 7 represents a fragmentary top plan view of Fig. 6.

An ironing table is represented in its entirety by the letter A, and comprises the ironing board 20, with the usual cloth covering 21. A cross sill 22 is fastened to the lower face of the board 20 and has pivoted to its opposite ends, legs 25, only one of the latter being shown. Adjacent to the other end of the board is secured a bracket 26 having the notch 27 in the bottom face thereof. A pair of legs 30 one of which is shown have each at their upper end a bracket 31 with a tooth or pointed end 32. The teeth 32 lock with the notches 27 when the table is in operative position. A pin 33 connects a leg of each pair with the accompanying leg of the other pair. When the board is not in use the teeth 32 are detached from the notches 27 and the legs can be folded to bear on the normally bottom face of the board 20.

The flat iron stand which I will designate in its entirety by the numeral B, comprises the bracket with the barrel 36 having formed therewith the bottom 37 with the opening 38. Arms 39 extend from barrel 36, and each has an opening 40 formed in its outer end and a vertical abutting leg 41 adjacent to its opening 40.

A flat iron support is indicated in its entirety by the numeral C and comprises the table 44 having formed therewith the upper extending side flange 45, upper extending end flange 46, and the depending flange 47. A pair of legs 48 extend from the lower face of the table 44 and are pivoted in the openings 40 of the arms 39 by means of the hinge pins 49. A pair of abutting legs 50 extend from the lower face of the table 44, and when the support is in upright and operative position bear on the arms 39. The flange 47, bears against an outer end of the cloth covering 21 when the support is located in its operative position. A washer 53 is preferably located between the top edge of the barrel 36 and the lower face of the board 20 and a pivot screw 54 connects the said barrel and board.

In Fig. 1 the support C is shown swung down on its hinge pins 49 so that it will be clear of the board 20, the legs 48 abutting against the abutting lugs 41 to maintain the said support C in its lowered position. In Figs. 2, 3, 4 and 5 the support C is swung to its upper operative position. When the flat iron stand is not in use the bracket with the barrel 36 is swung so that its arms 39 are located under the board 20, the support C having been previously swung down to its lower and reversed position as shown in Fig. 1. When the stand is to be used the arms 39 are swung to a position to carry the support C from under the board 20 and adjacent to one edge thereof. Then the said support C is swung to its upper and upright position, so that the flange 47 will bear against the edge of the cloth cover 21 as shown particularly in Figs. 2 and 3 and become locked therewith.

When a flat iron or smoothing iron (not shown) is used with the stand, the level of the upper face of the support C being on the same level with the upper surface of the cloth covering 21, the said iron can be easily slid from the one to the other and the flanges 45 and 46 prevent the flat iron from slipping off the stand.

It will be noted that the flat iron stand is attached to the under-side of the ironing board 20, and the upper surface of the support C when in operative position being on a level with the upper surface of the cloth covering 21 of the board 20, permits the operator to slide a flat iron from the said stand to the board or vice versa without raising the flat iron.

While I have only shown one form of the

invention, I claim the various modifications thereof, that are embraced in the spirit of the claims.

Having described my invention what I desire to secure by Letters Patent and claim is:

1. The combination of a bracket adapted to be pivoted to the lower face of an ironing board and a flat iron support hinged to said bracket, the said support when swung to one position being located upon the bracket with its upper face on a level with the upper face of the ironing board, and when swung to another position, located below the ironing board.

2. The combination of a bracket adapted to be pivoted to the lower face of an ironing board, abutting lugs formed with the bracket, a flat iron support having a pair of legs that are hinged to the bracket and a pair of abutting legs formed with the support, the said support in one position being located above the bracket with its abutting legs bearing thereon and its upper face on a level with the top face of the ironing board, the said support when swung to another position located below the ironing board with its hinged legs bearing against the abutting lugs of the bracket.

3. The combination of a bracket adapted to be pivoted to the lower face of an ironing board, a flat iron support hinged to said bracket, means to locate the support upon the top face of the bracket with its upper face on a level with the upper face of the ironing board, the said support when swung to another position being located below the board, a flange extending up from the upper surface of the support and a flange extending below said surface when the support is located in its upright operative position, the latter flange with the support in its upright position bearing against and locking with an edge of the ironing board.

4. The combination of a bracket adapted to be pivoted to the lower face of an ironing board and comprising a barrel with a pair of arms extending therefrom, a flat iron support having a pair of legs pivoted to the said arms to enable the support to be located in reversed positions and a pair of abutting legs for said support bearing on the arms of the bracket when the latter is located in its upright operative position.

5. The combination of a bracket adapted to be pivoted to the lower face of an ironing board and comprising a barrel with a pair of arms extending therefrom, the said bracket enabled to be swung under and from said board, a flat-iron support pivoted to said arms and having a pair of flanges extending from the upper face thereof and a flange extending from the lower face thereof, a pair of abutting legs extending from said support and bearing upon said arms when the support is located in its upright position, the flange extending from the lower face of said bracket locking with the board when the bracket is located in its upright position, a pair of abutting lugs formed with the arms, for the pivoted legs of the bracket to bear against when the bracket is located in its reversed position.

Signed at Fayetteville, in the county of Onondaga and State of New York, this 28th day of September A. D. 1917.

HARRY H. SMITH.

Witnesses:
D. N. BARTLETT,
A. C. AGAN.

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