

F. G. HOFFINE.
IRONING BOARD.
APPLICATION FILED FEB. 18, 1911.

1,027,479.

Patented May 28, 1912.

Fig. I.

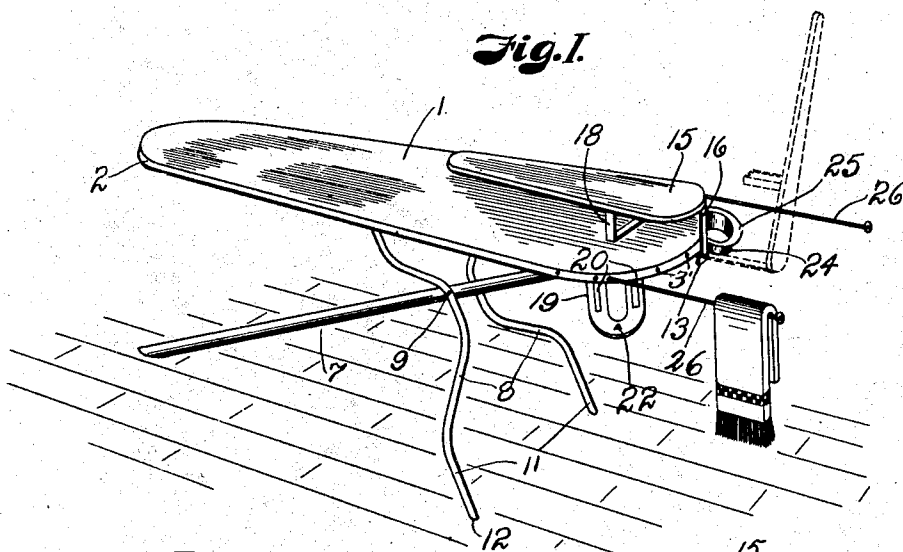


Fig. II.

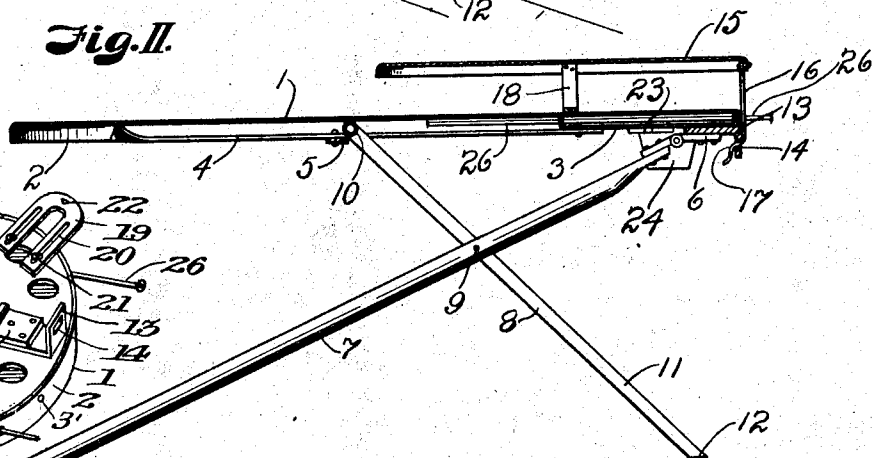


Fig. V.

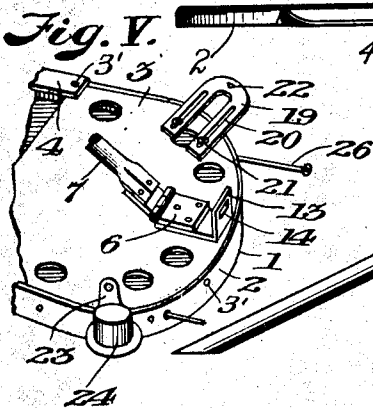


Fig. III.

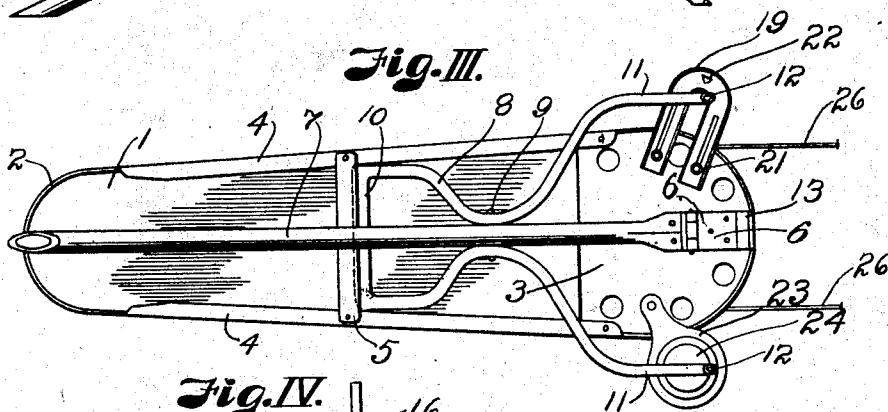
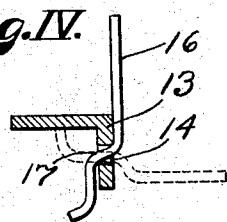


Fig. IV.



WITNESSES:

Arthur W. Caps.
Myrtle M. Jackson.

INVENTOR.

FRED G. HOFFINE.

BY

Arthur C. Brown
ATTORNEY.

UNITED STATES PATENT OFFICE.

FRED G. HOFFINE, OF KANSAS CITY, MISSOURI.

IRONING-BOARD.

1,027,479.

Specification of Letters Patent.

Patented May 28, 1912.

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To all whom it may concern:

Be it known that I, FRED G. HOFFINE, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Ironing-Boards; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to ironing boards and has for its object to provide a device of that class which may be constructed entirely of metal.

It is a further object of my invention to provide an improved means for supporting the board, which may be folded thereagainst to form a compact structure for shipping, but which will rigidly support the board when the latter is in use.

Further objects of my invention are to provide an improved sleeve board attachment, hanger members, iron support and water cup, together with other improved details of structure which will be herein-after fully described and are illustrated in the accompanying drawings, wherein,—

Figure I is a perspective view of an ironing board constructed according to my invention. Fig. II is a longitudinal section of same. Fig. III is an inverted plan view of the board. Fig. IV is an enlarged sectional view of a part of the board and sleeve board bracket. Fig. V is an enlarged perspective view of the under side of the board, showing the attachment of the head, and one of the side rails.

Referring more in detail to the parts:—

1 designates the body of the board, which is preferably constructed of sheet metal and provided with a continuous downturned edge flange 2 for providing rigidity to the board body and affording means for securing other parts of the construction thereto. Attached to the board 1, at its larger end, preferably by rivets 3', is a head 3, the bottom face of which is preferably flush with the lower edge of the flange 2 and overlapped by the horizontal side rails 4, which are preferably formed integral with the flange 2 and do not extend to either end of

the board. Fixed to rails 4, near the center of board 1, is a cross piece 5 which is spaced from the board body the width of the flange 2, as illustrated in Fig. II.

Permanently fixed to head 3 is a hinge 6 which carries a leg 7, preferably of tubular metal construction and beveled at its free end so that it may seat flat upon the floor when the device is in use. 8 designates a double leg support, the members of which project on opposite sides of the single leg 7 and are pivotally connected therewith by a pin 9. The upper end of the support is flared laterally and provided with an integral cross member 10 and is of sufficient length to project past the cross bar 5 and engage the board 1, and the lower ends 11 of which are flared laterally and longitudinally to greater width than the upper end and have beveled faces 12, which are adapted to seat flat on the floor when the device is in use. Also fixed to the head 3 and depending below the rear edge of the board body is a bracket 13 having a slot 14 therein.

15 designates a sleeve board, the large end of which is provided with a strap metal bracket 16 having its free end reversely curved, as at 17, and projected through the slot 14 in bracket 13, so that the large end of the sleeve board may be supported by one member of the curved portion when the board is in use.

18 designates a stop member which is adapted to seat on the top of board 1 and assist the strap metal bracket in supporting the sleeve board.

19 designates an iron holder comprising a U-shaped metal plate having slots 20, through which bolts 21 are projected and secured to the head 3 so that the bolt heads may support the plate and permit same to slide thereover. On the outer end of the plate is a keeper 22 which may be formed by turning up a portion of the material from the upper face of the plate.

Pivotally mounted on head 3 is a bracket 23 having an aperture therein, through which the body portion 24 of a water cup may be projected, said cup being provided with an upper, laterally projecting flange 25 which engages the rim of bracket 23 and supports the cup therein.

Slidably projected through the depending edge flange 2, of the board body, at the larger end of the board, are rods 26 which

may be extended to form hanger members upon which articles may be supported before or after they have been ironed.

In using the device, presuming same to be constructed as described and to be arranged compactly as for storing or shipping, the board is set up by spreading the single leg 7 from its under face and swinging the double support so that its upper end will be projected over the cross bar 5 and into engagement with the inner face of the board. When the board is in place on these supports the weight of the board body will hold the upper member 10 of the double support securely in place, so that the weight is evenly balanced at the three points that rest on the floor, the double support 8 with its widely flaring ends 11 being inclined at such an angle from the board that said ends 11 will occupy a position near the head of the board, and will be out of the way of a person working at the board.

Should the board be used with work that does not require the sleeve board, the latter may be turned upwardly so that the strap bracket will pivot on the slotted member 13, until the free end of the strap engages the under face of said member and the strap clamps between said under face and the slotted part as illustrated in dotted lines in Fig. IV. When it is desired to use the sleeve board, the latter may be lowered until the stop 18 engages the face of the board body and the larger end of the sleeve board is supported by the inner curved section of the strap bracket as illustrated most clearly in Fig. II.

By providing the head part 3 and making same flush with the edges of the flange 2, the iron holder and cup support may be fastened to the head so that they may be moved over the under edge of the flange without slotting or grooving the flange, so that such parts may be carried entirely beneath the board proper when not in use and may be easily moved out into position for use when they are desired.

It is apparent that with the construction shown and described the board may be easily and quickly set up for use or lowered into a compact body for storage when its use is not desired.

Having thus described my invention, what I claim as new therein and desire to secure by Letters-Patent is:—

1. An ironing board comprising a body member formed of a single piece of sheet metal, having a downturned edge flange having a plurality of perforations, a head at one end of the body within the flange and having a flange abutting against the bottom of the body and spacing same therefrom, the head having a plurality of perforations, a hinge, having one leaf fixed to the head and having a loose leaf, a tube, having a flattened head fixed to said loose leaf, a tube bent to form a stop head and spaced leg members, the central portion of the leg members being inturned and pivoted on the single tube, and means on the board body for engagement by the stop head.

2. In an ironing board, the combination of a sheet-metal body having a downwardly-turned flange, the flange having inwardly-turned horizontal parts and a plurality of perforations, a head fixed to said flanges beneath the forward part of the body and having a plurality of perforations, a leg hinged to the head, a double-leg member pivoted to the hinged leg, and a strap fixed to the inwardly-turned horizontal parts of said flange to engage said double-leg member.

3. In an ironing board, a body having an unbroken upper surface and a downwardly-turned flange, the flange having inwardly-turned horizontal parts and a plurality of perforations, a head fixed to said flange under the forward end of the body, the head having shoulders spacing it from said body and having a plurality of perforations, bolts set in said head and projecting downwardly therefrom, a single leg hinged to the head, a double-leg member pivoted intermediately on said leg, and a strap fixed intermediately of the body on the inwardly-turned horizontal parts of the flange and adapted for engagement by the double-leg member.

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

FRED G. HOFFINE.

Witnesses:

MYRTLE M. JACKSON,
ARTHUR W. CAPS.