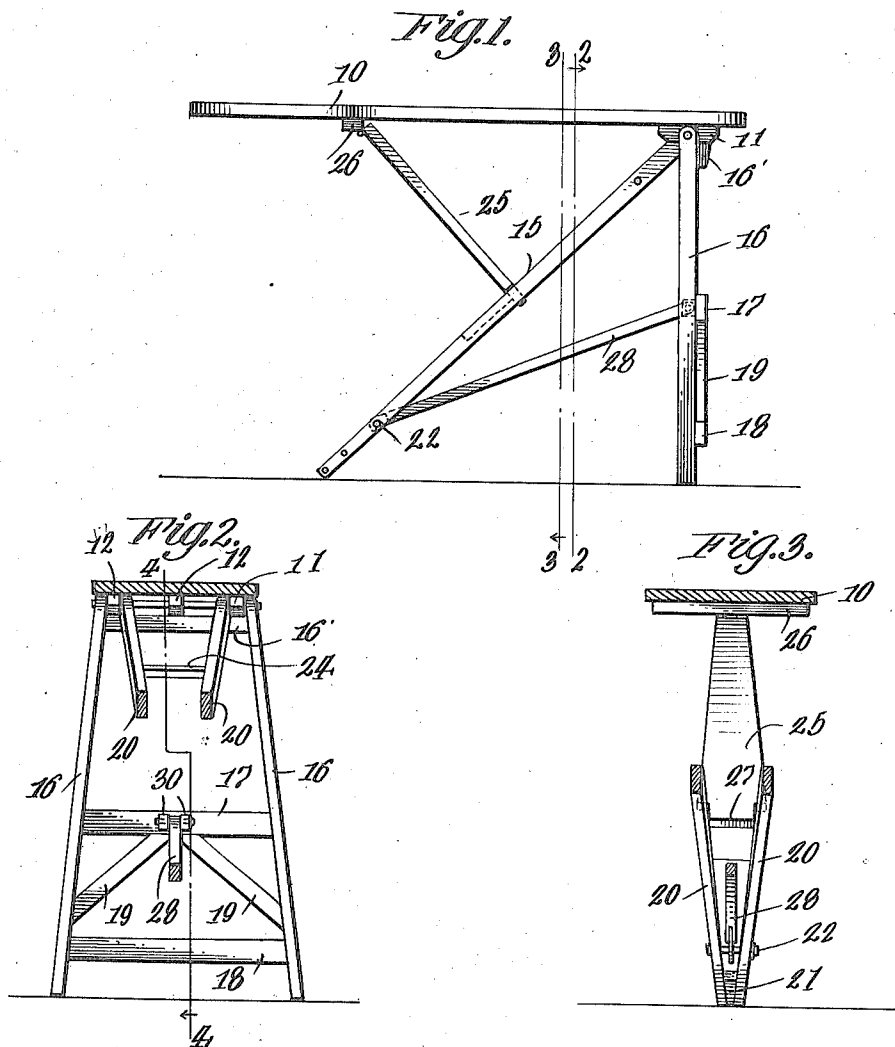


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IRONING BOARD.
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1,257,967.

Patented Mar. 5, 1918.
2 SHEETS—SHEET 1.



WITNESSES

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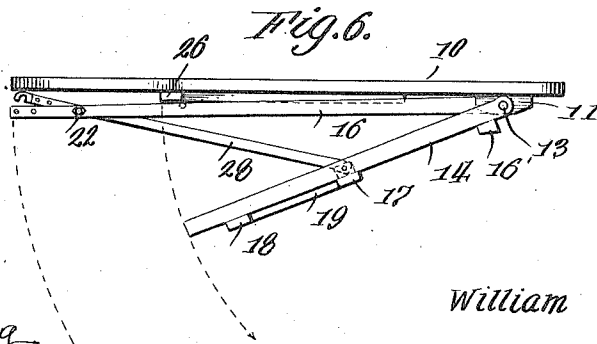
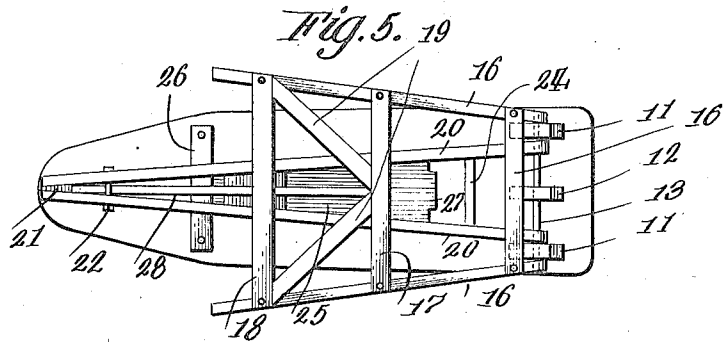
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WILLIAM BARNETT, OF PORTLAND, OREGON.

IRONING-BOARD.

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Specification of Letters Patent.

Patented Mar. 5, 1918.

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To all whom it may concern:

Be it known that I, WILLIAM BARNETT, a citizen of the United States, residing at Portland, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Ironing-Boards, which the following is a specification.

This invention has relation to folding ironing boards, and has for an object to provide an article of this character constructed in a manner to provide a rigid and firm structure when the same is unfolded for use.

Another object of the invention is to provide an ironing board having folding supports therefor, constructed in a manner to mutually coact to provide a rigid structure to sustain perfectly any strain applied to the board and to prevent accidental collapse.

A still further object of the invention is to provide a folding ironing board of the character above described which may be constructed of few parts thereby simplifying the use thereof and permitting its manufacture economically.

In addition to the foregoing my invention comprehends improvements in the details of construction and arrangement of the parts to be hereinafter more fully described and particularly set forth in the appended claims.

In the accompanying drawings in which similar and corresponding parts are designated by the same characters of reference throughout the several views in which they appear:

Figure 1, is a view of my improved folding ironing board.

Fig. 2, is a vertical section taken on the line 2—2 of the preceding figure.

Fig. 3, is a similar view taken on the line 3—3 of said figure.

Fig. 4, is a vertical section taken on the line 4—4 of Fig. 2.

Fig. 5, is a bottom plan view of the device in folded position, and

Fig. 6, is a view of the device in side elevation, partly folded.

With reference to the drawings, 10 indicates the ironing board proper, tapering toward one end in the usual manner and provided upon its under side adjacent the large end thereof with a pair of transversely spaced end blocks 11 and a block 12 intermediate therebetween. A rod 13 passes through all of said blocks and projects be-

yond the ends of the end blocks for a purpose which will be presently noted.

A pair of supporting legs 14 and 15 designed for arrangement in vertical and inclined positions respectively, are provided, the supporting leg 14 comprising a pair of spaced strips 16 which are pivotally supported at one of their ends upon the extremity of the rod 13. The strips 16 diverge from said point of support, and are connected adjacent said point of support by means of a cross piece 16', similar cross pieces 17 and 18 being provided adjacent the opposite end of the strip and connected by cross braces 19.

The supporting leg 15 is similarly formed of a pair of strips 20 pivotally mounted upon the rod 13 at points adjacent the end blocks 11, said strips converging from said point with their opposite extremities connected by means of a block 21. A bolt 22 is extended through both of said strips adjacent the block 21 for a purpose which will be presently noted. A cross block 23 is also inserted between the strips 20 at a point substantially intermediate their ends, a cross strip 24 being further provided to connect said strips 20 at a point adjacent their point of connection to the rod 13.

In use, the supporting leg 14 is disposed in a vertical position, the board 10 being horizontal, while the supporting leg 15 is of a length to be extended in an inclined position relative to the horizontal as seen in Figs. 1 and 4. When the board is folded the supporting legs may be disposed against the under side of the folding board thereby providing a compact structure which may be readily put away in a confined space. It will be noted that when the supporting leg 14 is extended to a vertical position in the process of unfolding the device, the cross strip 16' of said supporting leg is adapted to engage the blocks 11 and 12 to limit such movement of the legs and to coact with braces to form a rigid structure in a manner which will be presently noted.

To support the ironing board in a horizontal position, a brace 25 is provided in the nature of a board which tapers from one end to the other, the small end being hingedly connected to a transverse block 26 secured to the under side of the ironing board adjacent the small end thereof. The opposite or wider end of the brace 25 is notched at opposite corners to provide an integrally formed

projection 27 which is of a width to fit between the strips 20 of the inclined supporting leg 15 at the point of insertion of the block 23, said brace bearing against the upper edge of said block as indicated in Fig. 4. It will be seen that inasmuch as the brace 25 is rather stout, a firm support is provided for the ironing board sufficient to withstand all vertically applied strain.

10 A further means of rendering the under structure of the board more firm is the provision of a second brace 28 which is in the nature of a strip of wood or the like, pivotally connected at the point 29 between a pair of blocks 30 which are secured to the cross bar 17 of the vertical supporting legs 14, said blocks being located at a point intermediate the ends of said bar. The opposite end of the strip is split to permit the insertion
20 therein of a plate 31 which is provided with a laterally extending notch 32 adapted to receive therein the bolt 22 located at the lower end of the inclined supporting leg 15. It will be seen that the notch is of such a
25 depth and is formed in a manner to connect the vertical and inclined supporting legs of the structure in a manner to absolutely preclude relative movement thereof either toward separation or toward each
30 other.

From the foregoing it will be seen that I have provided a folding ironing board, the parts of which are so designed for mutual coaction, as to insure a substantial supporting structure for the ironing board sufficient to withstand all strain usually applied during use thereof and which will permit the supporting legs and braces to be folded against the under side of the ironing board
40 in a manner to provide a compact structure. It will be further noted, that the notched end of the brace 25 is frictionally engaged between the strips of the inclined supporting legs in a manner to ordinarily prevent a
45 casual separation thereof which action, combined with the support provided by the inclined bar 28 insures against accidental collapse of the structure. The rigidity of the structure may be established by lifting up
50 the ironing board whereupon the supporting legs and braces will be mutually held together, a property in ironing boards which has not come to my notice heretofore.

While I have illustrated and described my
55 invention with some degree of particularity, I realize that in practice various alterations thereover may be made, and I therefore desire to reserve the right and privilege of changing the form of the details of construction, or otherwise altering the arrangement
60 of the correlative parts without departing from the spirit of the invention or the scope of the appended claims.

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

1. A folding ironing board including a board, a supporting leg therefor for movement to a perpendicular position, a second supporting leg pivoted to the board for
70 disposition at an angle thereto, the second supporting leg including strips in spaced relation at their point of connection to the board, and converging toward their opposite ends, a brace for connecting the supporting
75 legs, and a second brace member in the form of a board hingedly connected at one end to the ironing board, and having its opposite end notched for engagement between the strips of the second supporting
80 leg whereby said notched end of the board may be moved toward the converging ends of said strips to firmly wedge the brace board therebetween.

2. A folding ironing board including a board, a supporting leg therefor for positioning perpendicularly beneath the board, a second supporting leg pivotally connected to the board for disposition at an angle
85 therebeneath, said second leg including strips spaced at their point of connection to the board and converging toward their opposite ends, means for connecting the supporting
90 legs, and a second brace member in the form of a board hingedly connected to the ironing board with its other end adapted for insertion between the strips of the second supporting leg whereby the second brace may be
95 firmly wedged therein by moving the brace toward the converging ends of the strips.
100

3. A folding ironing board, including a board, a supporting leg for positioning perpendicularly beneath the board, a second supporting leg hingedly connected to the board for positioning at an angle therebeneath,
105 said second leg including strips spaced at their point of connection to the board, and converging toward their opposite ends, a cross bar connecting said strips at a point substantially intermediate their ends, means
110 for connecting the legs, and a bracing means in the form of a board hingedly connected to the under side of the ironing board and having its opposite or free end inserted between the strips of the second leg, and wedged
115 therebetween by moving said bracing means toward the converging ends of the strips, said cross bar serving as an abutment to limit movement of said brace.

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

WILLIAM BARNETT.

Witnesses:

H. H. NEWHALL,
H. F. PURK, Jr.