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IRONING BOARD.
APPLICATION FILED JUNE 4, 1910.

2 SHEETS-SHEET 1.



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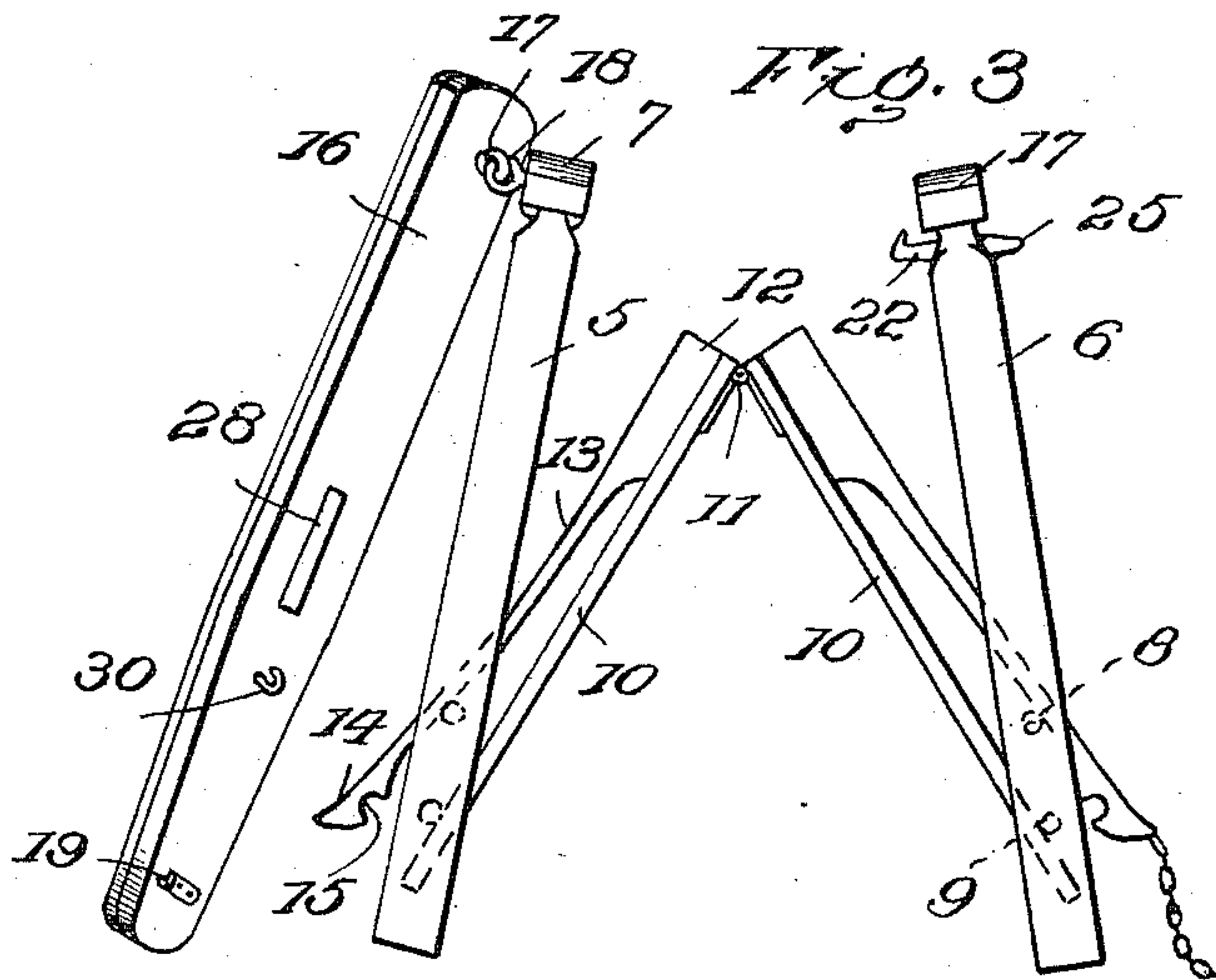


Fig. 4.

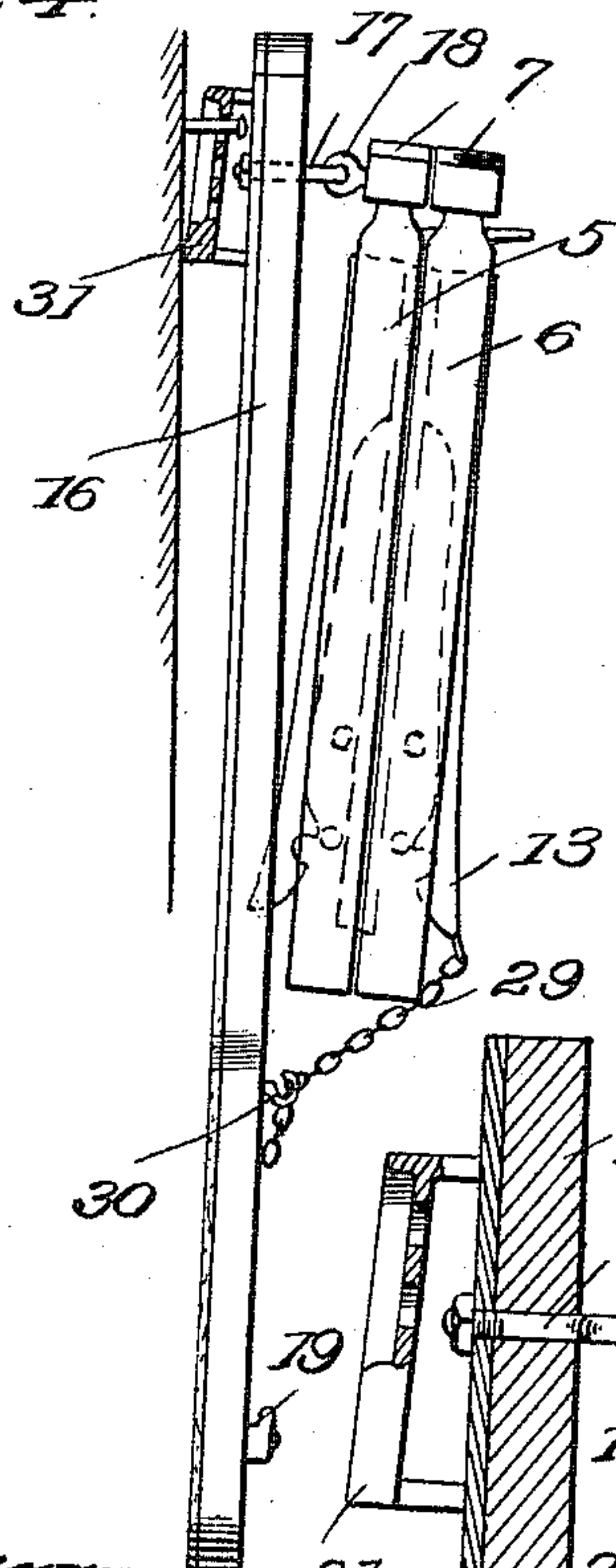


Fig. 5.

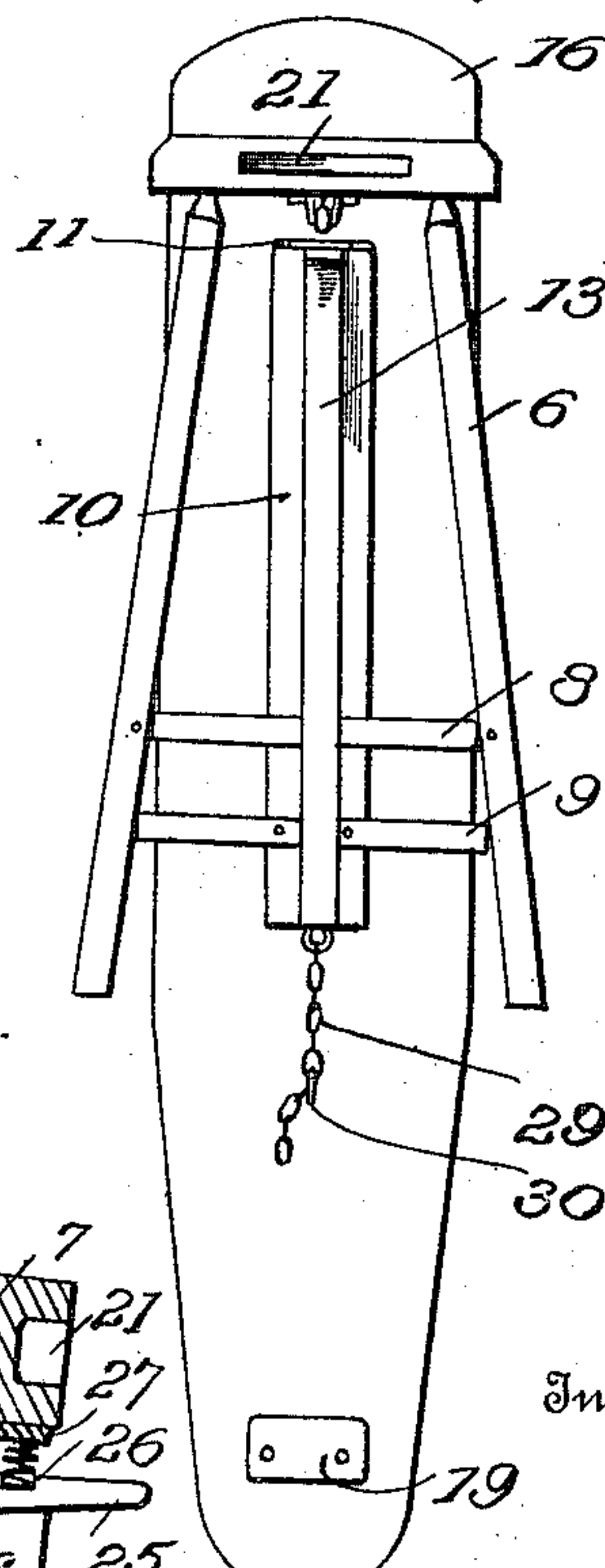
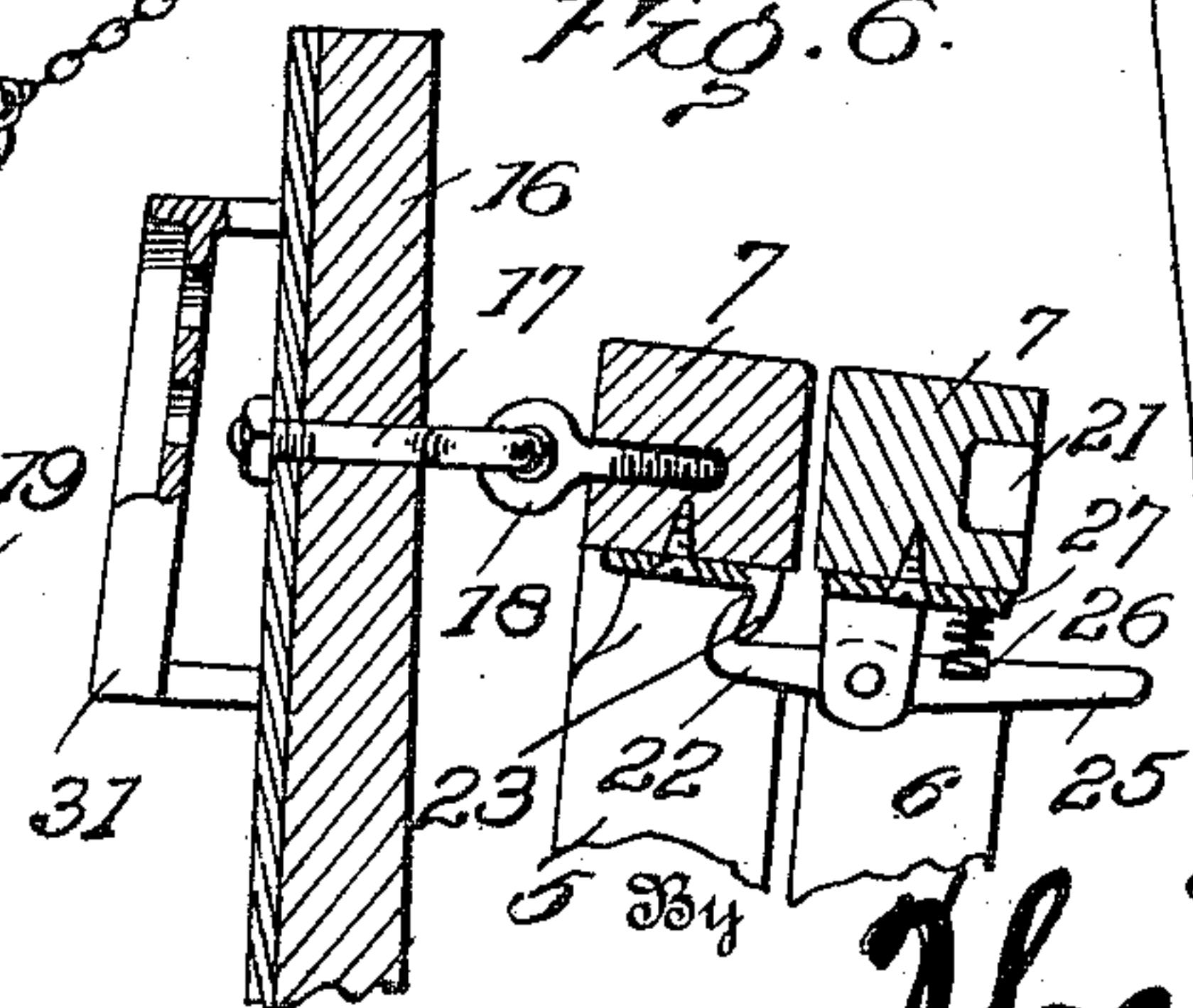


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOHN H. D. EVERETT, OF SAULT STE. MARIE, MICHIGAN.

IRONING-BOARD.

994,639.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN H. D. EVERETT, a citizen of the United States, residing at Sault Ste. Marie, in the county of Chippewa and State of Michigan, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

This invention relates to ironing boards and has for its object the provision of a strong, durable and thoroughly efficient device of this character, capable of being readily set up for use, and the parts thereof compactly folded for transportation or storage.

A further object is to provide an ironing board including a stand having spaced sets of supporting legs, the lower ends of which are connected by a sectional spreader bar so as to permit the legs to be folded one upon the other, means being provided for automatically locking the spreader bar in extended or operative position, thereby to brace said legs and form a rigid supporting frame for the ironing board.

A further object is to provide an ironing board, the large end of which is swiveled on the adjacent set of supporting legs, while the small end thereof is provided with a locking cleat adapted to enter a seating groove formed in the mating set of legs so that by moving said mating set of legs inwardly from their vertical position the board may be swung laterally when placing a garment in position thereon or removing said garment, said cleat also serving to prevent wobbling or swinging of the board during the ironing operation.

A further object is to provide means for locking the supporting legs of the stand in folded position, and means for suspending the board, when folded, from a nail or other support.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency, as well as to reduce the cost of manufacture.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a folding ironing board constructed in accordance with my invention; Fig. 2 is a longitudinal sectional view thereof; Fig. 3 is a side elevation, showing the manner of folding the supporting stand; Fig. 4 is a side elevation, showing the stand folded and suspended from a wall; Fig. 5 is a front elevation of Fig. 4; Fig. 6 is a detail sectional view, showing the manner of locking the supporting legs of the stand in folded position.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The improved ironing board forming the subject matter of the present invention comprises a stand including spaced sets of supporting legs 5 and 6, the legs comprising each set being connected at their upper ends by a transverse bar 7 and at their lower ends by spaced transverse rounds 8 and 9. The upper rounds 8 are rigidly secured to the adjacent supporting leg, while the lower rounds 9 are mounted for rotation in suitable sockets formed in said legs.

Bolted or otherwise rigidly secured to the movable rounds 9 is a spreader bar 10, the latter being preferably formed in two sections, the inner ends of which are pivotally united by a hinge 11 so as to permit the intermediate portion of the spreader bar to be moved upwardly when it is desired to fold the legs. Secured to the upper surface of the spreader bar 10 are locking members 12, each having one end thereof reduced to form a spring 13 having an enlarged head 14, the lower face of which is formed with a notch 15 adapted to receive the adjacent stationary round 8, thus to lock the spreader bar 10 in extended or operative position and form a strong rigid support for the ironing board 16.

Depending from and pivotally connected to the large end of the ironing board is an eye bolt 17, which latter engages an eye 18 secured to the transverse bar 7 of the adjacent set of supporting legs, thus forming a swiveled connection between the ironing

board and the supporting legs 5 and permitting the board to be swung laterally to allow a garment to be placed in position thereon or removed from the board, when
5 desired.

Depending from the lower face of the ironing board at the small end thereof, is a transverse locking cleat 19 having a laterally extending lip 20 adapted to enter a
10 seating groove 21 formed in the outer longitudinal edge of the transverse bar 7 of the mating set of legs 6 so as to hold the small end of the ironing board in engagement with the supporting legs and effectually prevent wobbling or swinging of the
15 board during the ironing operation.

As a means for locking the supporting legs 5 and 6 in folded position, the transverse bar of one set of legs is provided with
20 a latch 22 adapted to engage a keeper 23 secured to the transverse bar of the mating set of legs. The latch 22 is pivotally mounted between spaced lugs 24 and is provided with a terminal finger piece 25, the upper
25 surface of which is formed with a seating recess 26 adapted to receive the adjacent end of a coil spring 27, the opposite end of said spring resting against the supporting plate of the lugs 24, as shown. Thus it will be
30 seen that by disengaging the notched ends of the locking members 12 from the stationary rounds 8 and moving the pivoted ends of the sections of the spreader bar upwardly, the supporting legs 5 and 6 will be brought
35 together, the pivotal connection between the rounds 9 and adjacent supporting legs, permitting the spreader sections to be folded upwardly to the position shown in Fig. 3 of the drawings. As the supporting legs 5
40 and 6 are brought together, the spring pressed catch 22 will engage the keeper 23 and lock said supporting legs in folded position. It will of course be understood that prior to folding the supporting legs,
45 the ironing board will be swung laterally and downwardly to a position substantially parallel therewith so that the supporting legs may be folded against the bottom of the board, as best shown in Fig. 4 of the draw-
50 ings.

The bottom of the ironing board 16 is preferably formed with a longitudinally disposed recess 28 which accommodates the free end of one of the locking members, the outer
55 end of the other locking member being provided with a chain 29 which engages a hook 30 fastened to the bottom of the board near the seating recess 28, as shown.

Secured to the upper surface of the ironing board at the large end thereof, is an
60 iron holder or stand 31, said iron holder forming a housing for the bolt 17 and having its surface formed with a plurality of perforations, any one of which is adapted
65 to engage a nail or similar fastening de-

vice so as to permit the ironing board to be suspended from a wall or the like when the board is not in use.

If desired, the upper face of the board may be covered with cork, linoleum, or other
70 suitable material to present a smooth ironing surface.

Having thus described the invention, what is claimed as new is:

1. A device of the class described including spaced sets of supporting legs, stationary and movable transverse rounds connecting the legs of each set, a spreader bar including mating sections having their outer ends rigidly secured to the movable transverse rounds and their inner ends pivotally
80 united, an ironing board resting on the supporting legs, and a spring locking member secured to the upper surface of each spreader bar section and having their outer ends provided with transverse grooves adapted to
85 engage the adjacent stationary rounds for holding the spreader bar sections in longitudinal alinement with each other when said spreader bar sections are swung downwardly to extended position, the spreader
90 bar sections, together with the locking members being movable upwardly between the sets of supporting legs to permit said sets of supporting legs to be folded one upon the
95 other.

2. A device of the class described including spaced sets of supporting legs, each set of legs having their upper ends connected by a transverse bar and their lower ends
100 connected by relatively stationary and movable transverse rounds, an ironing board pivotally mounted on the transverse bar of one set of legs, a cleat carried by the ironing board and engaging the transverse bar
105 of the mating set of legs, a spreader bar including mating sections having their outer ends rigidly secured to the movable rounds and their inner ends pivotally united, and spring locking members having their inner ends
110 rigidly secured to the upper surface of the spreader bar sections and their outer ends provided with transverse grooves adapted to engage the adjacent stationary rounds for automatically locking the sections of the
115 spreader bar in longitudinal alinement with each other when said spreader bar sections are moved downwardly to extended position, the spreader bar sections, together with the locking members being movable
120 upwardly between the sets of supporting legs to permit said sets of legs to be folded one upon the other when the free ends of the locking members are disengaged from the stationary rounds.
125

3. A device of the class described including spaced sets of supporting legs, each set of legs having their upper ends connected by a transverse bar and their lower ends
130 connected by relatively stationary and mov-

able transverse rounds, an ironing board resting on the transverse bars, a spreader bar formed of mating sections having their outer ends rigidly secured to the movable rounds and their inner ends pivotally united and adapted to be swung upwardly between the sets of legs to permit said legs to be brought together, a keeper secured to the transverse bar of one set of legs, a catch carried by the transverse bar of the other set of legs and adapted to engage the keeper for holding the legs in assembled position, and locking members having their inner ends rigidly secured to the upper faces of the spreader bar sections on opposite sides of the pivotal connection between said spreader bar sections and their outer ends provided with transverse grooves adapted to engage the stationary rounds for locking the spreader bar sections in longitudinal alinement when said spreader bar sections are swung downwardly to extended position.

4. A device of the class described including spaced sets of supporting legs, each set of legs being connected by a transverse bar and relatively stationary and movable transverse rounds, an ironing board pivotally mounted on the transverse bar of one set of legs, there being a longitudinal recess

formed in the bottom of the board, a spreader including mating sections having their inner ends pivotally united and their outer ends rigidly secured to the adjacent movable rounds, spring locking members having their inner ends rigidly secured to the upper faces of the spreader bar sections and their outer ends provided with transverse grooves adapted to engage the adjacent stationary rounds, said spreader bar sections, together with the locking members being adapted to be swung upwardly between the sets of legs to permit said sets of legs to be folded one upon the other when the locking members are disengaged from the stationary rounds, means for holding the sets of legs in folded position, one locking member being adapted to enter the longitudinal recess in the board when the legs are folded, and a flexible securing element fastened to one of the locking members and adapted to engage a hook fastened to the bottom of the board when the legs are folded.

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

JOHN H. D. EVERETT. [L. s.]

Witnesses:

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JNO. G. STRADLEY.