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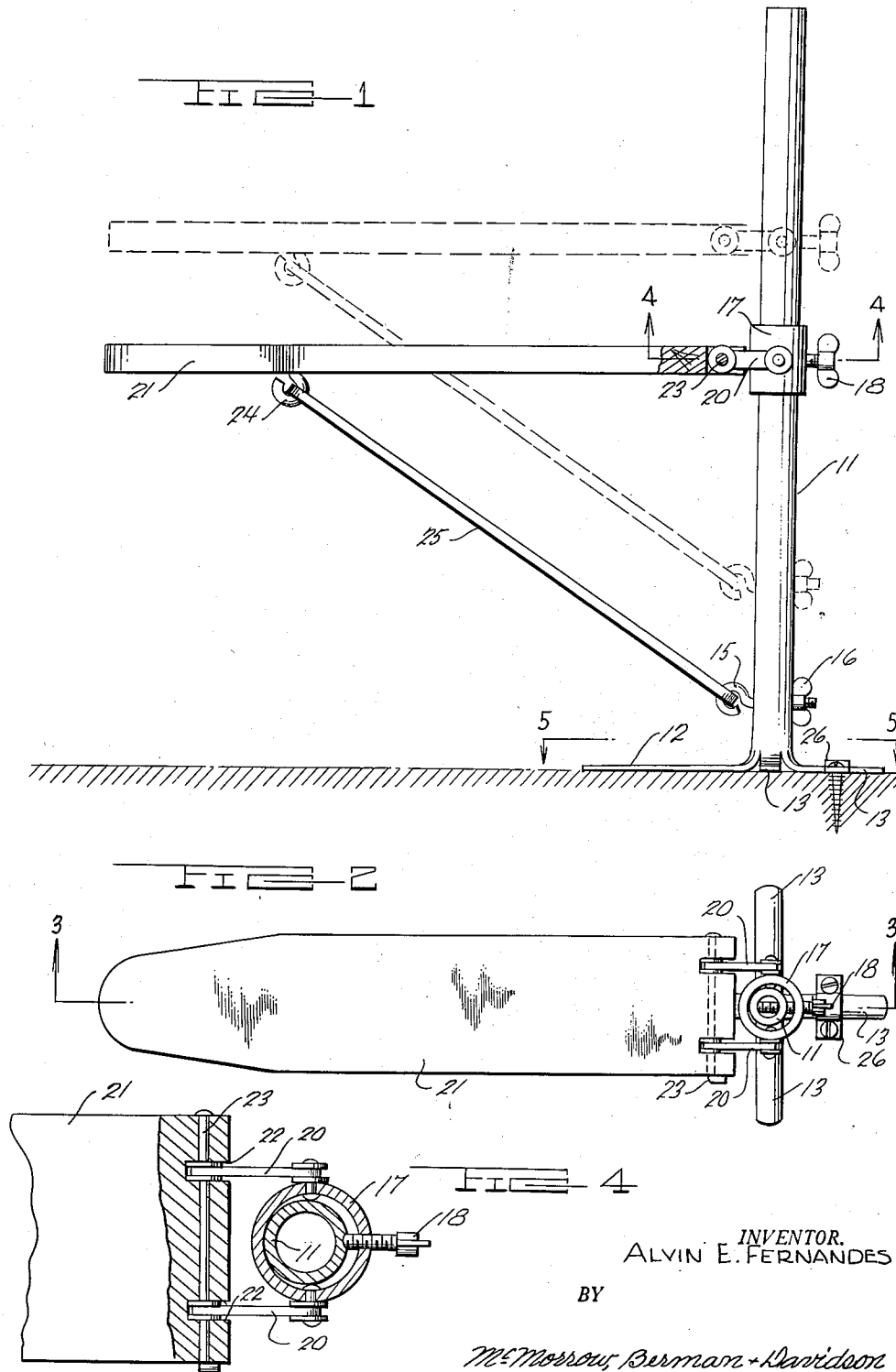
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ADJUSTABLE IRONING BOARD

Filed May 17, 1949

2 SHEETS—SHEET 1



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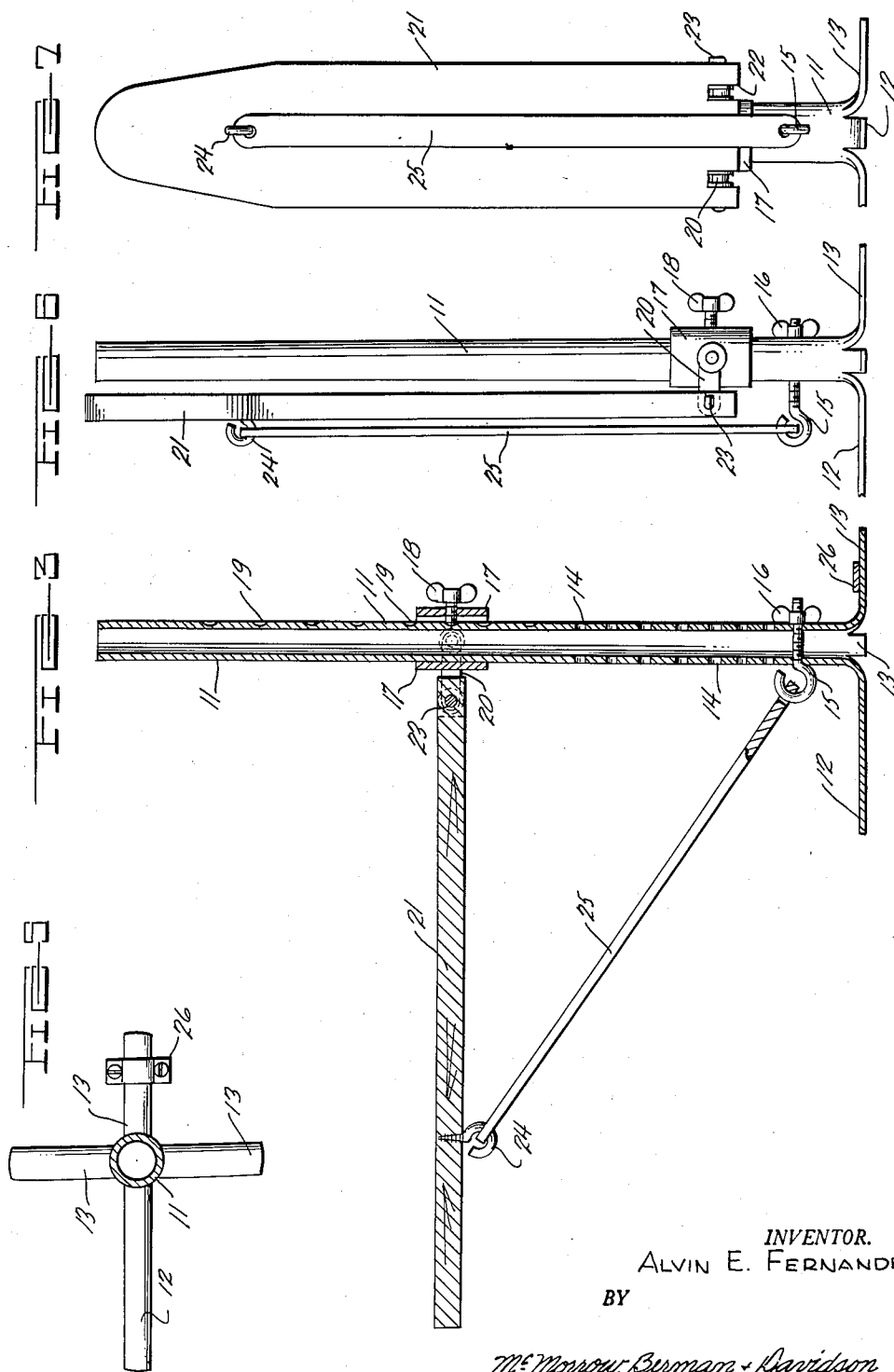
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2 SHEETS—SHEET 2



UNITED STATES PATENT OFFICE

2,584,196

ADJUSTABLE IRONING BOARD

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2 Claims. (Cl. 38-127)

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This invention relates to ironing boards, and more particularly to ironing boards of the foldable or collapsible type.

A main object of the invention is to provide a novel and improved foldable ironing board which is very simple in construction, very easy to adjust, and which occupies a very small amount of floor space.

A further object of the invention is to provide an improved foldable ironing board which is very inexpensive to manufacture, which may be folded to a very compact size, whereby it may be conveniently stored, and which is substantially tip-proof when arranged for use.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a side elevational view partly in cross-section of an adjustable ironing board constructed in accordance with the present invention, shown arranged for use;

Figure 2 is a top plan view of the ironing board of Figure 1;

Figure 3 is a vertical cross-sectional view taken on line 3-3 of Figure 2;

Figure 4 is a detail cross-sectional view taken on line 4-4 of Figure 1;

Figure 5 is a cross-sectional view taken on line 5-5 of Figure 1;

Figure 6 is a side elevational view of the ironing board of Figure 1 folded up for storage;

Figure 7 is a front elevational view of the ironing board in the position shown in Figure 6.

Referring to the drawings, 11 designates a standard fabricated from tubular steel or the like, the bottom portion of the tubular standard being longitudinally slit and bent outwardly to define a plurality of radial feet, shown at 12 and 13. For example, four radial feet may be thus formed, spaced at 90-degree angles from each other. One of the feet, shown at 12, is preferably substantially longer than the remaining feet, indicated at 13.

The lower portion of standard 11 is formed with a plurality of vertically-spaced, diametrically-aligned sets of openings 14, 14. An eye bolt 15 may be received in a selected set of said openings 14, 14, said bolt being provided with a wing nut 16 for the securement thereof.

Designated at 17 is a sleeve member slidably mounted on the standard 11, said sleeve member being provided with a wing set screw 18 threaded through the rear wall portion thereof. The rear surface of standard 11 is formed with a series

of vertically-spaced recesses 19 in which the inner end of set screw 18 may be selectively received, whereby the sleeve member 17 may be locked in a desired position of elevation on the standard.

Pivoted to the side portions of sleeve member 17 are the respective link bars 20, 20. Designated at 21 is an ironing board element, the rear end portion of said element 21 being formed with notches 22, 22 in which the ends of link bars 20, 20 are respectively received. A transverse pin member 23 extends through the ironing board element 21, said pin member passing rotatably through the ends of the link bars 20, 20.

Secured to the under side of the ironing board element 21 adjacent its outer end is a depending eye member 24. Designated at 25 is a rigid strut bar pivotally connected at its ends to the respective eye members 15 and 24.

Secured to the floor rearwardly of the standard 11 is a channel bracket 26 in which is received the rearwardly-projecting radial foot 13, as shown in Figures 1 to 3. Figure 1 illustrates in full line view one horizontal position of adjustment of the ironing board element 21. Shown in dotted view is an elevated position of adjustment which may be obtained by first loosening set screw 18, elevating sleeve member 17 to the desired elevated position, re-tightening set screw 18, detaching the eye bolt 15, and replacing said eye bolt in an elevated set of openings 14, 14, such as to place ironing board element 21 in a horizontal position.

When the ironing board is in use, the bracket 26 holds the standard 11 in vertical position even when very heavy downward force is applied to the ironing board element 21. Since the standard is at the rear end of said element, there are no obstructions to the user's feet beneath the ironing board element 21, and the user may move freely around the element 21 without tripping.

When the use of the ironing board is no longer required, the set screw 18 may be loosened and the sleeve member 17 may be lowered to the position shown in Figures 6 and 7, whereby the ironing board element 21 is folded to a vertical position, the links 20, 20 being then substantially normal to the element 21. Sleeve 17 may be locked in this position by tightening set screw 18, said set screw then preferably entering one of the openings 14. The folded ironing board may then be removed for storage by moving the same forwardly to disengage the rear radial foot 13 from the floor bracket 26.

While a specific embodiment of a foldable iron-

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ing board has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. An ironing board of the character described comprising a tubular standard formed with a plurality of radial feet supporting said standard in vertical position, a sleeve member slidably mounted on said standard, a set screw threaded through said sleeve member and engaging said standard, a pair of parallel side links pivotally connected to said sleeve member, a board element pivotally secured at its rear end to the ends of said side links, the standard being formed with a plurality of vertically-spaced, diametrically-opposed sets of openings at its lower portion, an eye bolt secured in one set of said openings, and a strut bar pivotally connected at one end to the under side of the board element and at the other end to said eye bolt.

2. An ironing board of the character described comprising a standard, means for supporting said standard in a vertical position, a

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sleeve member slidably mounted on said standard, means for locking said sleeve member to said standard, a pair of parallel side links pivotally connected to said sleeve member, a board element formed at its rear margin with a pair of notches receiving the ends of said side links, a transverse pin member extending through the rear marginal portion of said board element, said pin member traversing said notches and extending rotatively through the ends of the side links received in said notches, whereby said ends are pivotally connected to said rear marginal portion of the board element, and a strut bar pivotally connected at one end to the under side of the board element and at the other end to the standard.

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REFERENCES CITED

20 The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
25 1,213,475	Gardner	Jan. 23, 1917
1,532,973	Adelson	Apr. 7, 1925