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FOLDING IRONING BOARD

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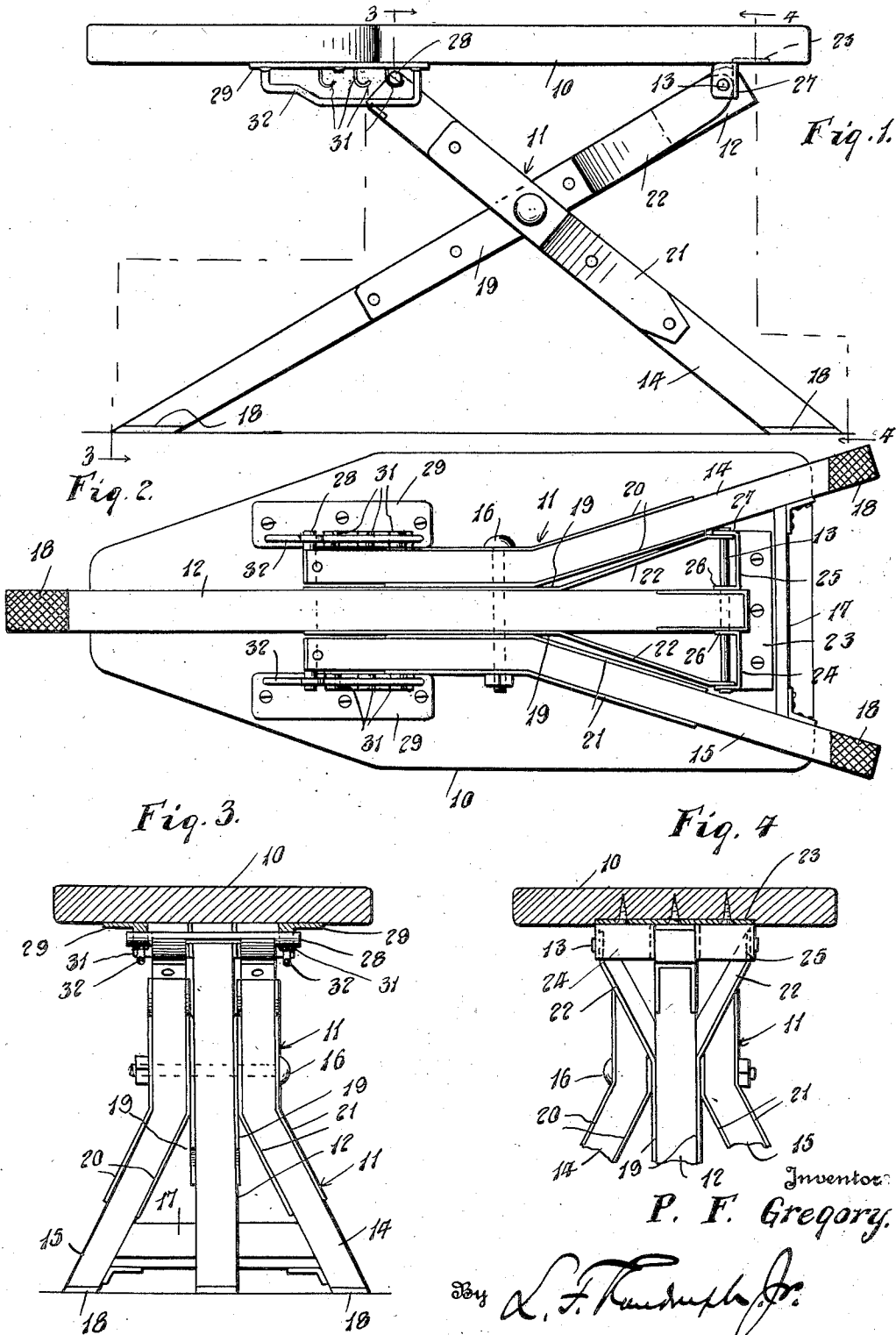


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

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FOLDING IRONING BOARD

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Refiled for abandoned application Serial No. 606,673, April 21, 1932. This application March 9, 1935, Serial No. 10,318

1 Claim. (Cl. 68—10)

The invention relates to ironing boards and has for its principal object the provision of an improved construction of folding ironing board whereby the supporting means for the board may be adjusted in different positions for different heights of the board and also for collapsing the supporting means when the board is not in use for convenient storage.

A further object of the invention is the provision of supporting means for an ironing board including crossed supporting members, one of said members being pivoted and braced in different positions by means of a novel pivoting structure secured to the board and the other supporting member comprising spaced members arranged on opposite sides of the first mentioned member and pivoted thereto intermediate of its ends, the lower ends of the spaced members being divergent from one another and from the first member to provide a substantial tripod or three point support for the board, the other ends of the spaced members having a cross rod secured thereto adapted to engage spaced hooks on the board to permit adjustment of the supporting means for convenience of the user of the board, and also to hold the supporting members adjacent to the board when folded.

The invention will be described in detail hereinafter and will be found illustrated in the accompanying drawing in which

Figure 1 is a side view in elevation of the improved ironing board showing it set up for use, the supporting means being arranged for the highest adjustment of the board,

Figure 2 is a bottom plan view of the board showing the supporting members in folded position,

Figures 3 and 4 are vertical sectional views on planes indicated by the lines 3—3 and 4—4, respectively, of Figure 1, the supporting members in Figure 4 being shown fragmentarily.

In the drawing similar reference characters are used to designate corresponding parts in all the views.

An ironing board is indicated at 10 and has a supporting member 11 that consists of a single leg 12 that is pivotally secured to a pivot pin 13 mounted on the board, and spaced legs 14 and 15 arranged on opposite sides of the leg 12 and pivoted thereto by means of a pin or bolt 16 arranged intermediate of the ends of said legs 12, 14 and 15. Legs 14 and 15 have their lower ends arranged divergently of each other and of the leg 12 as shown in Figures 3 and 4, and braced by means of a cross bar 17 secured in the crotch

between the legs, this structure providing a three point supporting means or a tripod and obviously providing a most efficient and non-rocking support for the board 10. The ground ends of the legs 12, 14 and 15 are provided with pads 18, or footings, of rubber or other non-slipping material, to efficiently hold the ironing board from slipping when in use. The legs 12, 14 and 15 are each provided on opposite sides thereof with reinforcing and wear plates 19, 20, and 21 respectively, the wear plates 19 being provided with divergent ends 22 that are also mounted on the pivot rod 13 and thereby provide braces to prevent lateral movement of the leg 12 relatively to the board.

The pivot means for the leg 12 includes a plate 23 having upstanding flanges 24 and 25 that are arranged in alinement and right angular ends 26 on the adjacent ends of the flanges 24 and 25 between which is pivoted the leg 12, and other angular ends 27 arranged at the remote ends of the flanges 24 and 25, against which abut the ends of the brace members 22, the pivot pin 13 extending through said end members 26 and 27 which constitute ears for said pivot pin.

A cross bar 28 is secured to the ends of the legs 14 and 15, and the ends of said cross bar extend laterally beyond the outer sides of said legs. 29 indicates plates secured to the under side of the board 10 and having a plurality of hooks 31 thereon, arranged in longitudinally spaced relation, and that are adapted to selectively receive the extended ends of the cross bar 28 to hold the supporting member 11 in supporting position as shown in Figure 1, it being apparent that the arrangement of the ends of the cross bar 28 in the several hooks 31 provide for adjustment in height of the board 10 from the floor or other horizontal support. Also secured to each of the plates 29 is a rod 32, having its ends engaging the plate and formed intermediate of its ends in spaced relation with the plate and with the hooks 31 to serve as a guide for the corresponding end of the cross bar 28 into hook engaging and supporting position or into position for folding of the supporting member as shown in Figure 2. By the provision of the hooks 31 it will be apparent that after the board is set up it may be moved from place to place without having the adjustment of the legs affected.

This application is a refiled of my previously abandoned application Serial No. 606,673, filed April 21, 1932.

What is claimed is:—

A folding ironing board, comprising a board, a 55

supporting member pivotally mounted on the board, the pivotal connection including a plate secured to the board, outstanding alined flanges on said plate, the ends of said flanges arranged at right angles to the intermediate portions providing ears, a pivot pin carried by said ears, the supporting member being pivoted on said pin between adjacent ears on adjacent ends of the flanges, brace members secured to the supporting member and pivotally engaging the pin adja-

cent to the remote ears on the flanges, and another supporting member comprising spaced units pivotally connected to the first member remote from the ends thereof and having one of their ends divergently arranged relatively to the first members, and means to adjustably connect the other ends of the second supporting member to the board.

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