

No. 858,969.

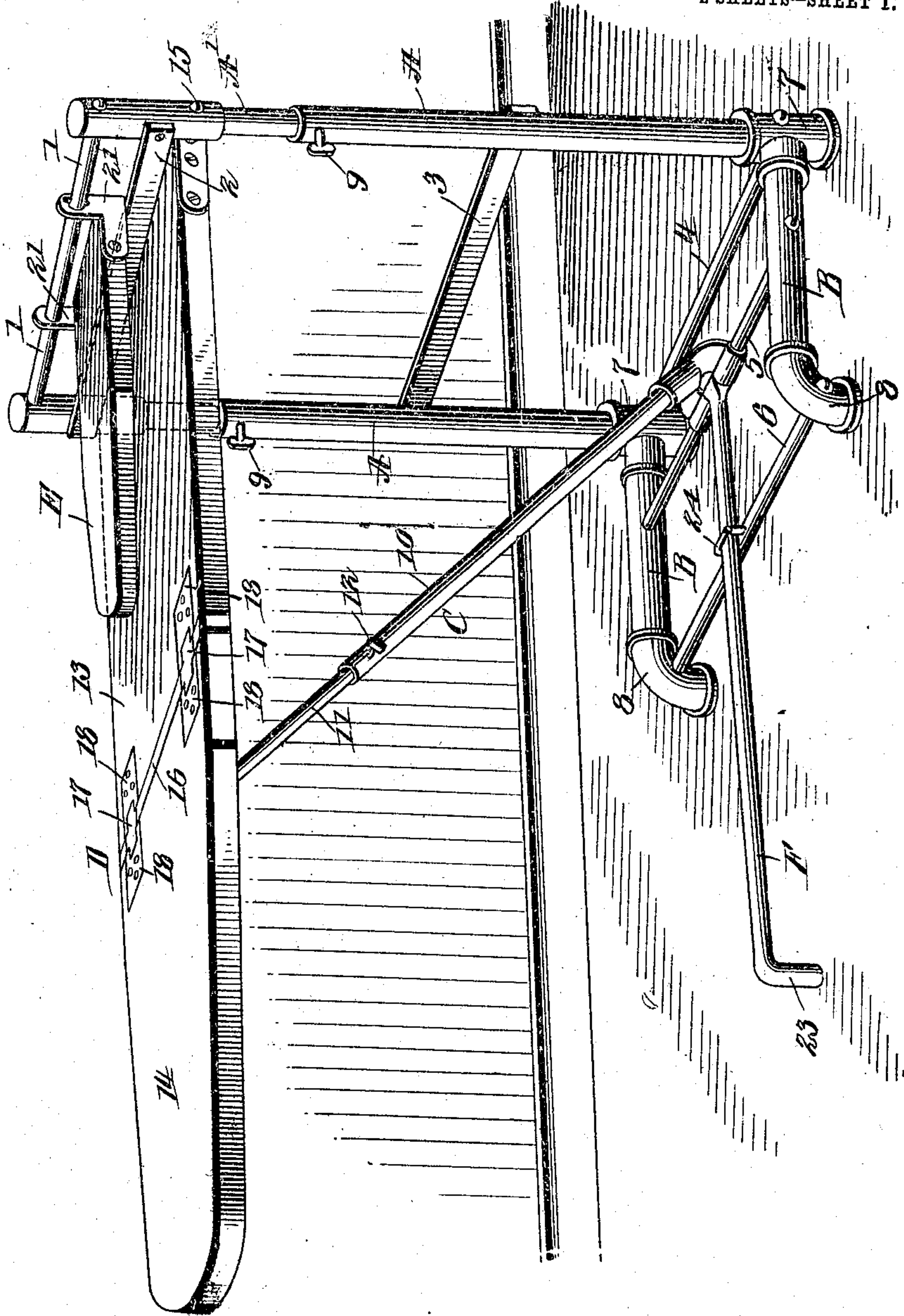
PATENTED JULY 2, 1907.

A. E. FRENCH.
IRONING TABLE.

APPLICATION FILED SEPT. 8, 1906.

2 SHEETS—SHEET 1.

Fig. 1.



WITNESSES

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Amos W. Hart

INVENTOR

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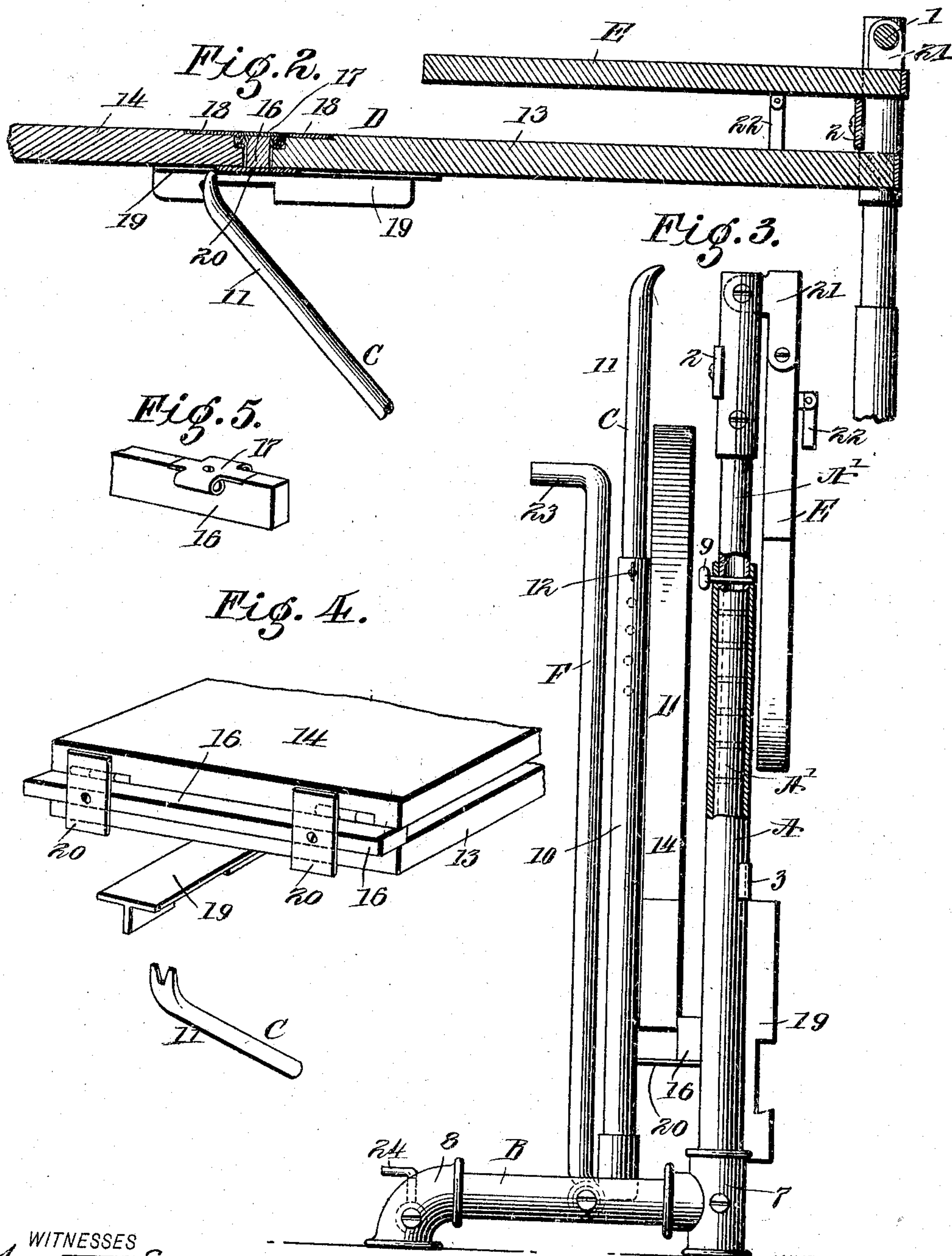
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UNITED STATES PATENT OFFICE.

ALBERT EDWARD FRENCH, OF INDIANAPOLIS, INDIANA.

IRONING-TABLE.

No. 858,969.

Specification of Letters Patent.

Patented July 2, 1907.

Application filed September 8, 1906. Serial No. 333,840.

To all whom it may concern:

Be it known that I, ALBERT EDWARD FRENCH, a citizen of the United States, and a resident of Indianapolis, in the county of Marion and State of Indiana, have invented an Improved Ironing-Table, of which the following is a specification.

My invention is an improvement in that class of ironing tables comprising a vertical frame having a horizontal foot piece, and the ironing-board being hinged so as to fold from the extended horizontal position required for use to the vertical position, which facilitates storage and transportation.

In my invention the vertical frame is telescopic, and the prop which supports the ironing-board proper in horizontal and working position is also telescopic, so that the board may be adjusted vertically at different heights to accommodate ironers of different stature.

My invention further includes a hinged foot piece constituting a horizontal extension of the foot or horizontal portion of the frame, the same being adapted to be folded parallel to the ironing-board proper when not required for use.

In the accompanying drawings, Figure 1 is a perspective view of my improved ironing table arranged in position for use. Fig. 2 is a central longitudinal section of the upper portion of the ironing table, including particularly the ironing board proper and the sleeve board arranged horizontally as required for use. Fig. 3 is mainly a side view—a portion being broken away—showing the ironing table in folded position. Fig. 4 is a perspective view of a portion of the ironing board proper in folded position, the view including also the top portion of the hinged prop used to support the table in the horizontal position. Fig. 5 is a perspective view of an intermediate hinge piece, or section, of the foldable ironing board.

Referring in the first instance to Fig. 1, A and A' indicate the vertical portion of the frame, comprising hollow standards and smaller tubes adapted to slide therein. The numerals 1, 2, 3, and 4 indicate horizontal bars connecting the telescopic parts A, A'. B indicates hollow or tubular horizontal parts constituting the base or foot of the frame, the same being connected transversely by rods 5 and 6. The tubes A and B are connected by tees 7, and the outer ends of the tubes B are provided with downwardly curved tubes 8 whose lower ends rest on the floor. In brief, the main portions of the frame are constructed of gas pipe and connections for the same. The tubular portions A' slide in the standards A and may be secured at different heights by various means, but a simple one is a pin 9, see Fig. 3, which passes through holes in the standards A and through any one of the several holes formed in the parts A'. The prop C which supports the ironing-board proper D in horizontal position, shown in Fig. 1, is also constructed with two parts 10

and 11, arranged telescopically and provided in a similar manner with a pin 12 for securing the two parts in any required adjustment. Thus the ironing-board D may be adjusted higher or lower, as conditions require, by sliding the parts A' in the standards A and the portion 11 of the prop in the tubular lower part 10.

The ironing-board proper D is made in two sections 13, 14, which are hinged together transversely as will be presently described, the section 13 being hinged at 15 to the extensible portions A' of the standards. The adjacent ends of the two sections 13, 14, are not hinged directly to each other but to an interposed piece 16, see Figs. 1, 2, 4 and 5, the same consisting of a wooden bar having flat parallel sides with which the adjacent ends of the sections 13, 14, abut, when the board D is in extended position. Each of the two hinges by which the parts are connected comprises three parts, to wit, a central part 17 and lateral parts 18, the latter being secured by screws to the sections 13, 14, of the ironing-board, and the intermediate part 17 secured to the hinge piece 16. All the portions of the hinge are countersunk as shown so as to form a surface flush with the top of the board proper. In folding the ironing-board D the section 13 is swung down on its pivots so that it hangs between the standards A, A', and rests against the cross-bar 3 which connects the parts A; and the outer section 14 is in turn folded up parallel to the section 13, as indicated in Fig. 3. The interposed hinge section 17 separates sections 13, 14, from each other, thus providing space for the cloth ordinarily used on ironing-boards, and which, if the sections 13, 14, were hinged directly to each other, would prevent them folding in parallel position.

A metal plate 19, see Figs. 2 and 4, having a flange provided with a notch, is secured by screws to the under side of the ironing-board section 13, and extends across the joint when the board is extended as shown in Fig. 2. The upper end of the sliding section 11 of the prop C is notched, see Fig. 4, to adapt it to engage the notched flange as shown in Fig. 2, and thus support the board D rigidly in the horizontal position. The free or unattached portion of the plate 19 which extends beyond the joint, underlies the section 14 when the ironing-board is extended and thus serves as a support for the same. Metal cleats, or short rectangular plates 20, see Figs. 2 and 4, are secured by screws to the under edge of the interposed hinge piece 16, and serve, when the ironing-board is extended, to brace and strengthen the joint, since the ends of such cleats in that case extend under the adjacent ends of the board sections 13, 14.

A small ironing-board E, adapted for use in ironing sleeves and other smaller portions of garments, is arranged over the rear section 13 of the ironing-board D and hinged to the upper bar 1 of the frame by means of angular pieces 21. When thrown down to the hori-

zontal or working position, the board rests upon the second cross-bar 2, which is secured to the front sides of the heads of the telescopic parts A', and, as indicated in Fig. 2, I further provide a hinged piece 22 which is adapted to rest upon the ironing-board section 13, and constitutes a further support for the sleeve-board. When the apparatus is folded as in Fig. 3, the sleeve-board E is turned upward and hangs vertical or parallel to the standards and in rear of same.

10 The prop C is hinged to the cross-bar 5 connecting the hollow base parts B and is thus adapted to be folded back against and parallel to the ironing-board as shown in Fig. 3. In order to provide an extension for the base of the frame and thus increase the rigidity of the support for the ironing-board, I hinge a bar F, see Figs. 1 and 3, to the same cross-bar 5 on which the prop C is hinged, and thus said bar may be raised and folded close alongside the prop C; but when in the extended working position, its downwardly bent free end 23 rests on the floor, and the bar is secured in such position by a turn-button, or clip, 24, which is pivoted to the outer cross-bar 6 of the frame base. By turning and thus adjusting the device 24 the bar F may be quickly secured in the working position shown in Fig. 1, or released therefrom, as conditions require.

It is obvious that the parts A, A' may be reversed as to their arrangement, that is to say, in place of the lower part A being hollow it may be solid and slide within the hollow upper portion A'.

30 I claim—

1. The improved ironing table comprising a frame having the horizontal or base portion and a vertical portion composed of telescopic parts, an ironing-board proper hinged to the upper telescopic parts and a telescopic prop secured to the base and adapted for connection with the outer portion of the ironing-board, substantially as described.

2. The improved ironing-table comprising a frame having a horizontal base portion and vertical telescopic portions, an ironing-board proper hinged to the upper telescopic portions of the frame and made in sections hinged together transversely and adapted to be folded one against

the other, and a telescopic prop for the board, the same being hinged to the base of the frame and thus adapted to be folded alongside the folded sections of the board in a plane parallel to the vertical portions of the frame, substantially as described.

3. In an ironing table of the class indicated, the combination with the vertical portion of the frame, of an ironing-board pivoted thereto and comprising two main sections and an intervening piece or section, the three being hinged together whereby the board may be folded in vertical position and thus suspended vertically in the frame, substantially as described.

4. In an ironing table of the class indicated, the combination with the vertical portion of the frame, of the ironing-board proper formed of two main sections and an intervening piece or section, the three sections being connected by three-part hinges, the central part being attached to the hinge section, as and for the purpose specified.

5. In an ironing table of the class indicated, the combination with the vertical portion of the frame and an ironing-board proper hinged thereto and formed of sections hinged together transversely, of a metal piece secured to the under side of the inner section and extending across the joint of the sections, and a prop adapted for engagement with such plate, substantially as described.

6. In an ironing table of the class indicated, the combination with the base frame, of a hinged extension adapted to be projected beyond the base and beneath the ironing-board proper when in working position, and means for securing the same in such position, as described.

7. In an ironing table of the class indicated the combination with the base frame of an extension comprising a bar hinged to the base and adapted when thrown down to extend beyond the same and thus furnish an additional support for the table as a whole, and a device for securing such extension in working position, substantially as described.

8. The combination with a frame comprising a horizontal portion and a vertical portion rigidly connected, of an ironing-board hinged and adapted to be folded vertically, a prop for the ironing-board hinged to the base, and an extension for the latter, both being hinged to the base and adapted to be folded alongside the ironing-board, substantially as described.

ALBERT EDWARD FRENCH.

Witnesses:

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MAYMO ARROLL.