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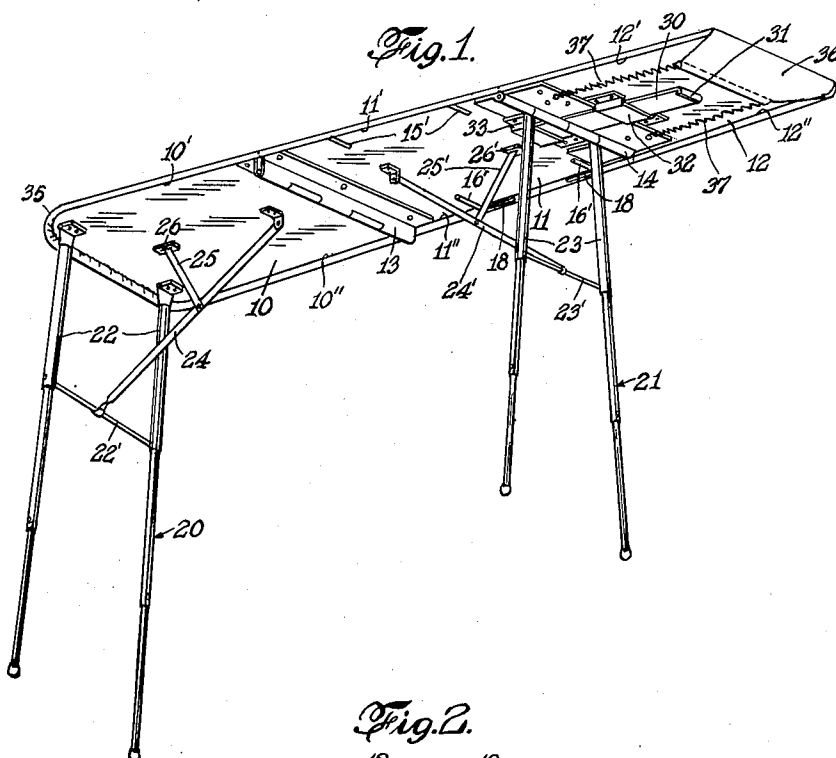
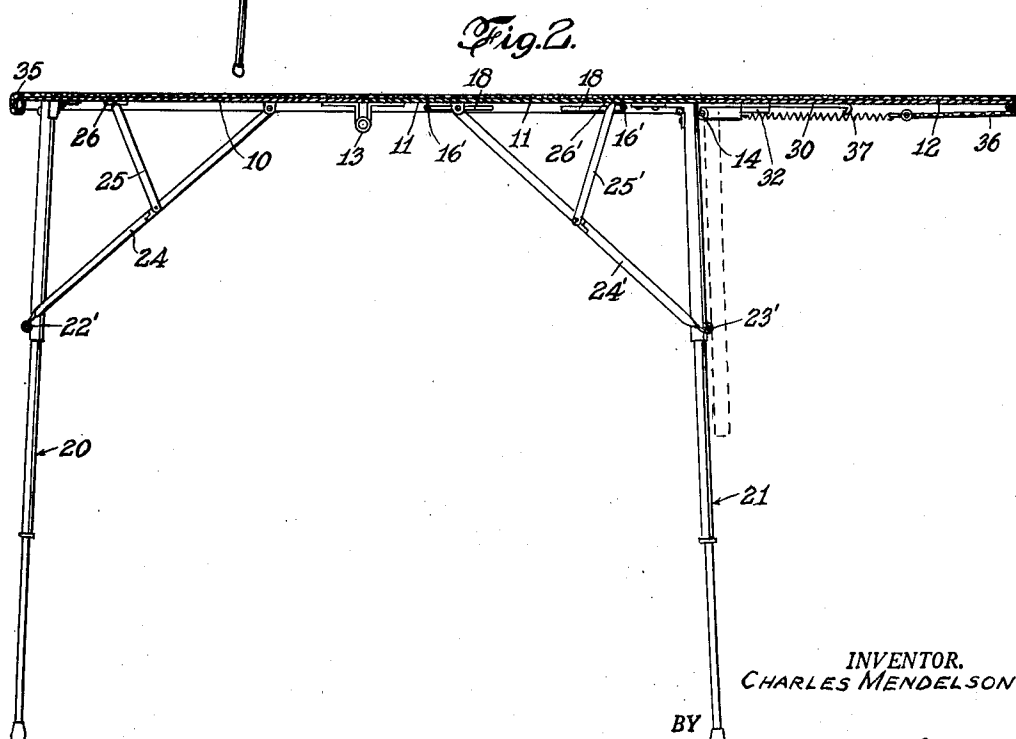
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**2,622,353**

## SECTIONAL IRONING BOARD WITH COVER

Filed May 29, 1947

2 SHEETS--SHEET 1



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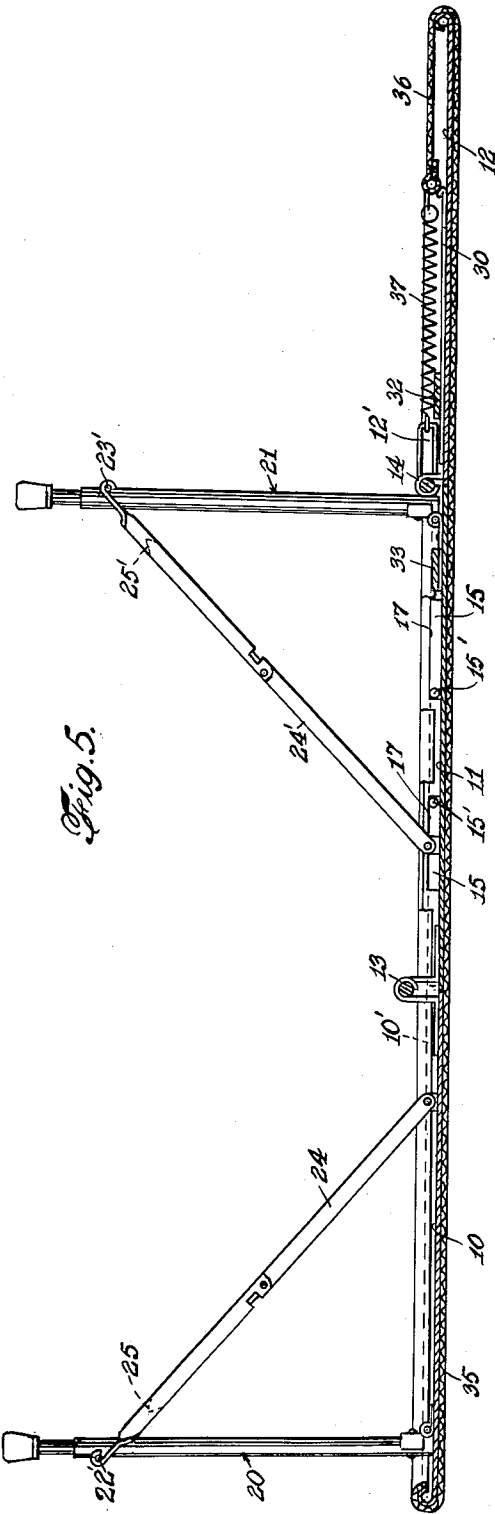
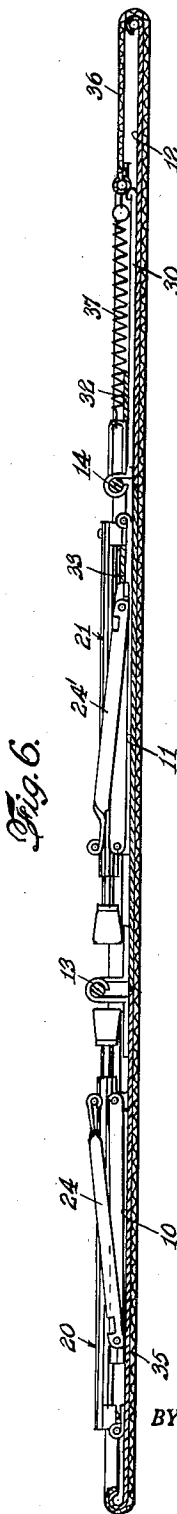
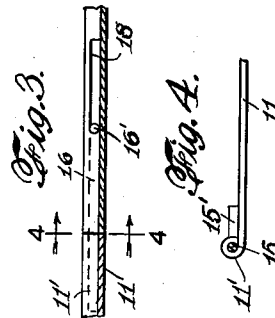
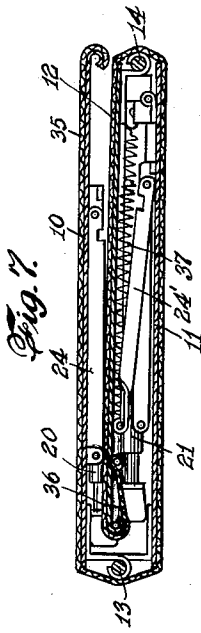
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SECTIONAL IRONING BOARD WITH COVER

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2 SHEETS—SHEET 2



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## UNITED STATES PATENT OFFICE

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## SECTIONAL IRONING BOARD WITH COVER

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1 Claim. (Cl. 38—117)

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The invention relates to ironing boards or tables, and more particularly to an article of this nature capable of being folded.

It has for an object to afford a standard-size ironing board comprising a plurality of sections, for example three, secured together in foldable relationship and adapted to be supported by telescopic members in a manner such that these members may be folded under the intermediate and one of the end sections to provide, when the sections are thus folded one over the other, a compact, relatively flat package which may conveniently be stored when not in use and may be readily transported, for example in a suitcase or in the storage compartment of an automobile.

Another object of the invention is to provide a construction of foldable ironing board which may readily be manufactured as by blanking out the sections.

Still another object of the invention is to roll over the outer edges of the sections to afford a reinforcing beading providing adjacently disposed and aligned guideways, which are associated with slidable means operating in said guideways for uniting the sections when the ironing board is to be put in service.

A further object of the invention is to provide a smooth top surface over which is located and removably retained a suitable padding and ironing cover which may remain thereon when the board is in its folded condition.

A still further object of the invention is to provide an ironing board of the aforesaid nature which may also be readily converted into table form.

In carrying out the invention, a plurality of top sections are hingedly secured to one another, an end one thereof and the immediately adjacent one being supported by respective telescopic support members designed to be folded under the said two sections and the various sections then folded over one another. Provision is made, as by manually operable slide elements, to firmly unite the sections when the table is erected, and to permit of dropping downwardly the end section opposite the supported end section when the table form only is desired.

The nature of the invention, however, will best be understood when described in connection with the accompanying drawings, in which:

Fig. 1 is a perspective view of a board in erected state suitable for ironing thereon.

Fig. 2 is a longitudinal section thereof.

Fig. 3 is a fragmentary detail view of the means

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for uniting the various top sections in a common plane, and Fig. 4 is a transverse section thereof, taken on the line 4—4, Fig. 3 of the drawings.

Fig. 5 is a longitudinal section, on an enlarged scale, through the board in inverted position, with supporting members shown telescoped.

Fig. 6 is a view similar to Fig. 5 with the supporting members folded under preparatory to folding of the board as a whole.

Fig. 7 is a longitudinal section of the folded board.

Referring to the drawings, 10, 11, and 12 indicate a plurality of tapering top sections of the ironing board, the section 11 being intermediate the two end sections 10 and 12 and hingedly secured thereto as at 13 and 14, respectively. It is preferred to construct these sections of relatively light material, for example, aluminum or a suitable plastic; and, in accordance with the invention, the edges of these sections are turned over or beaded to not only serve to reinforce the sections and provide a smooth surface for drawing the cover cloth thereover, as hereinafter set forth, but to provide aligned guideways along the opposite longitudinal side edges. Thus, section 10 is provided with the pair of oppositely disposed guideways 10' and 10'' and the section 12 with corresponding guideways 12' and 12''. These guideways in turn are aligned with similar guideways 11' and 11'' of the intermediate section 11. The ends of the respective guideways 11' and 11'', when the board is erected for use, are designed to be juxtaposed to the corresponding open ends of the guideways 10', 12' and 10'', 12'', respectively.

There is arranged, furthermore, to slide in the guides of the intermediate section 11 two pairs of locking rods 15 and 16, respectively, (Figs. 3 and 4) the elements of each pair being oppositely directed and designed for entry into the respective guideways 10', 12' and 10'', 12'' to unite firmly the intermediate section with the end sections. Two pairs of handle members 15' and 16' projecting from the rods through limiting slots 17 and 18 of guides 11' and 11'', respectively, are provided for manually sliding said rods into the guideways 10', 10'' and 12', 12'', as indicated.

When it is desired to fold the ironing board, it will be understood that these rods are withdrawn from the end sections by sliding the same in a reverse direction, whereupon said end sections may be folded under the intermediate section. Or, if it is not desired to make use of the end section 12, the unit may be converted into a table form by withdrawing the corresponding locking rods from the guideways 12', 12'', allow-

ing the section 12 to swing on hinge 14 to the position indicated in dotted lines, Fig. 2 of the drawings.

The ironing board as a whole is to be supported by two supporting frames 20 and 21 which are preferably of a tubular nature and telescopic, the inner end sections 22 and 23 thereof being hinged respectively to the end cover section 10 and the intermediate section 11 and, preferably, provided with a cross bar 22' and 23', respectively. From these bars movably extend articulated brace members 24 and 24', respectively, which are hingedly secured at the other end to the undersurface respectively of section 10 and section 11. These carry each a pivoted strut 25 and 25' which struts at their respective free ends are designed to be engaged in sockets 26 and 26' provided on the underface of the sections 10 and 11, respectively, when erecting the ironing board. These brace members will thus serve to further steady said respective sections 10 and 11; and a support for the end section 12 may be provided in the nature of a slide bar 30 with downturned operating fingerpiece 31 at one end, the said bar being mounted under a strap 32 secured to the underface of member 12, with the bar 30 designed to be manually moved longitudinally over the section 11 to locate its other end under a similar strap 33 thereof secured to the underface of the section.

To place the ironing board in folded condition, it is necessary first to telescope the support members 20 and 21, Fig. 5, detach the struts 25 and 25', and buckle the braces 24 and 24', whereupon the support members 20 and 21 are folded inwardly over the respective undersurfaces of sections 10 and 11, as indicated in Fig. 6 of the drawings. The sections 10 and 12 may then be folded at the respective hinges 13 and 14 over the intermediate section 11, section 12 being folded first and then section 10, the whole appearing as in Fig. 7.

In thus folding the board sections, it will not be necessary first to remove the padding or cover element 35 since provision has been made to accommodate the variation in distance due to the folding action. The cover to this end is fitted over the beaded edges overlapping the same and following, generally, the taper of the sections from the section 10 to the section 12, as indicated, and shirred at its wider end located over section 10. At the end of the narrower section 12, however, the cover overlaps the undersurface to an appreciable extent, for example, as the portion 36 indicated; and this end is attached to the end or ends of one or more resilient members 37

whose other ends are then secured to the underside of section 12. The said cover element 35 being firmly held at the broader far end of section 10, springs 37 will serve to maintain at all times the cover member taut and thus provide a smooth unwrinkled working top; and, as hereinbefore noted, when the sections are to be folded, it will not be necessary to detach or remove the cover to allow of effecting the folding. In case of renewal of a cover cloth or the like, it will be necessary merely to detach the portion 36 from the corresponding ends of springs 37, and slide the cover from the broader end of section 10.

I claim:

15 A unitary foldable ironing board, comprising at least three hingedly connected top sections, the end sections being foldable inwardly over the intermediate one, a pair of telescopic support members hingedly attached, one to the underside of one of the end sections substantially at the outer end thereof and the other to the intermediate section substantially at the end thereof adjacent the other of the end sections, means slidably mounted on the intermediate section and manually movable in opposite directions respectively over the adjacent end sections to maintain all of the sections in a common plane, and an ironing cloth removably fitted entirely over the sections with one end of the cloth extending appreciably over the underside of the corresponding end section, and resilient means attached to said section and said one end of the cloth to maintain the ironing cloth taut over the entire board when the sections are extended for use and to yield to accommodate the cloth to the folding operation when the board sections are folded over one another.

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