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IRONING BOARD

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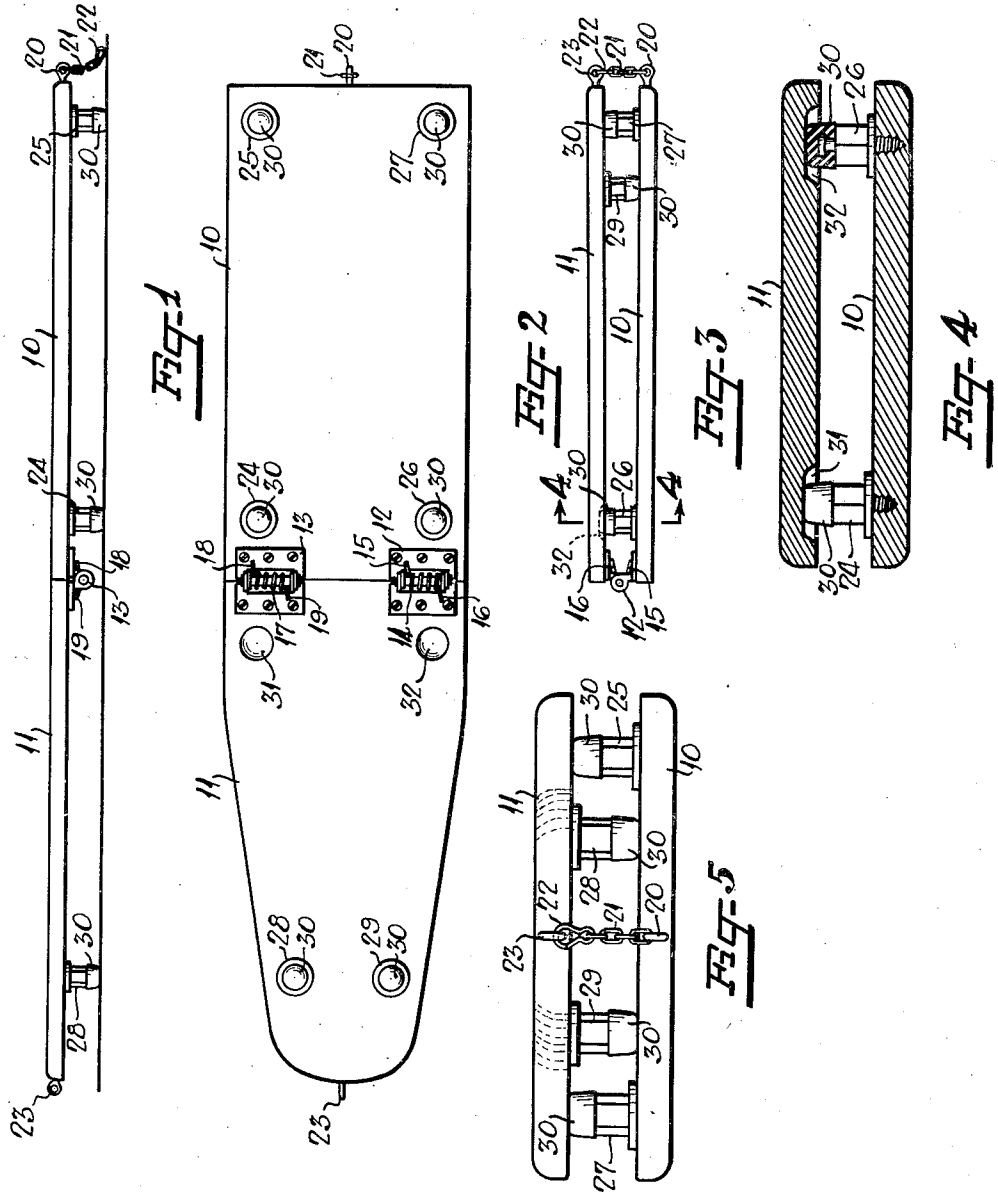

Fig-1

Fig-2

Fig-3

Fig-4

Fig-5

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IRONING BOARD

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1 Claim. (Cl. 68—10)

This invention relates to an ironing board and more especially to an ironing board which is compact and is capable of being folded so as to reduce the size thereof in order that the same may be placed in a traveling case and the like.

It is an object of this invention to provide an ironing board comprised of a pair of hingedly connected sections, said hinges which connect the sections having torsion means for normally holding the ironing board in unfolded position.

It is a further object of this invention to provide an ironing board having a pair of hingedly connected sections and also having frictional supporting members on one side of each of said sections for supporting the ironing board in an unfolded position. These frictional supporting members limit the inward travel of the sections when they are in folded position. Means are also provided for resisting the action of the torsion springs mounted in the hinges to hold the ironing board in folded position.

The resilient and frictional supports not only support the ironing board in unfolded position, but also limit the inward travel of the two sections about the hinge point. The proximate surfaces of the sections will not be scarred when in a folded position, nor will the surface of a table or support on which it is being used be scarred when the same is unfolded for use. The frictional supports also prevent creeping of the ironing board while in use.

Some of the objects of the invention having been stated other objects will appear as the description proceeds, when taken in connection with the accompanying drawing, in which:—

Figure 1 is a side elevation of the invention in an unfolded position;

Figure 2 is a plan view of the lower side of Figure 1 showing the ironing board in an unfolded position;

Figure 3 is a side elevation showing the ironing board in a folded position;

Figure 4 is a transverse sectional view taken along line 4—4 in Figure 3;

Figure 5 is an elevation of the right-hand end of Figure 3.

Referring more specifically to the drawing, the numeral 10 denotes one section of an ironing board which has another section 11 secured thereto by any suitable means such as hinges 12 and 13. Hinge 12 has a torsion spring 14 mounted therein which has one end 15 engaging one leaf of the hinge and another end 16 engaging the other leaf. Likewise, the hinge 13 has a torsion spring 17 which has one end 18 engaging one leaf of the hinge and the other end 19 engaging the other leaf. It is seen that these two springs act together and normally force the two sections 10 and 11 to an unfolded position.

Mounted on the end of section 10 is a suitable eyelet 20 which has secured thereto a chain 21 which has a hook 22 on the end thereof, said hook 22 being adapted to engage an eyelet 23 which is secured in the end of member 11.

When the board is in folded position the hook 22 is inserted in the eyelet 23 and the parts assume the position as shown in Figures 3, 4 and 5. Secured to the lower face of section 10 are brackets 24, 25, 26 and 27, and secured to the lower face of section 11 are brackets 28 and 29. Each of these brackets has a resilient friction surface 30 secured on the end thereof which supports the ironing board when in unfolded position and which contacts the proximate surfaces of the sections when they are in folded position.

Suitable cavities 31 and 32 are provided in the lower face of section 11 for the reception of the wearing surfaces 30 on the brackets 24 and 26 respectively. These cavities are provided in order that all of the wearing surfaces 30 on the supports 24 to 27 inclusive, may engage the lower surface of section 11 at the same time. It is evident that by providing the hinges of the proper depth that these cavities might be eliminated in certain cases.

The hinges 12 and 13 have torsion springs mounted therein which normally force the boards to an open position, at all times, and a chain 21 is provided of a proper length as so to resist the force produced by the torsion springs, and to tightly hold the sections in a folded position as shown in Figures 3 and 5, thereby eliminating any relative movement of the sections when they are in a folded position.

In the drawing and specification there has been set forth a preferred embodiment of the invention, and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being set forth in the appended claim.

I claim:

An ironing board comprising a pair of sections, hinges for securing said sections, end to end, to each other, means associated with said hinges normally forcing said sections to unfolded position.

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