Nov. 3, 1936. O. C. NELSON 2,060,000

COMBINATION CHAIR AND IRONING BOARD

Original Filed Aug. 21, 1923 2 Sheets-Sheet 1

Fig. 1.

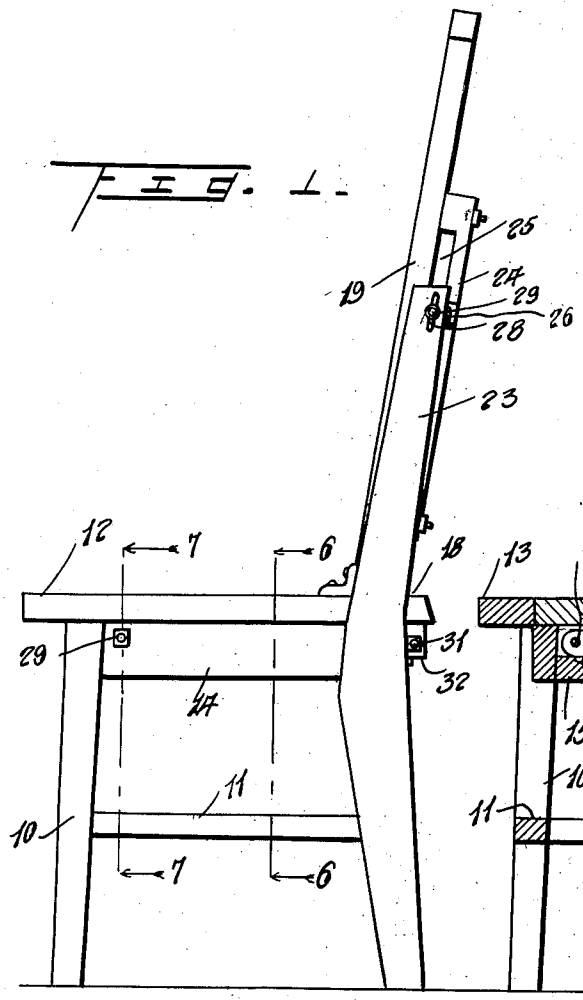

Fig. 2.

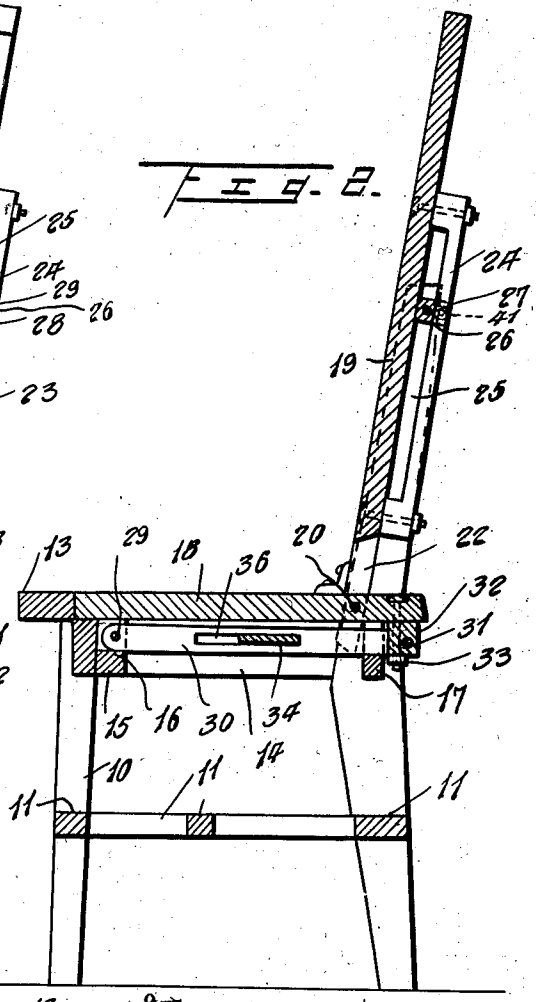

Fig. 3.

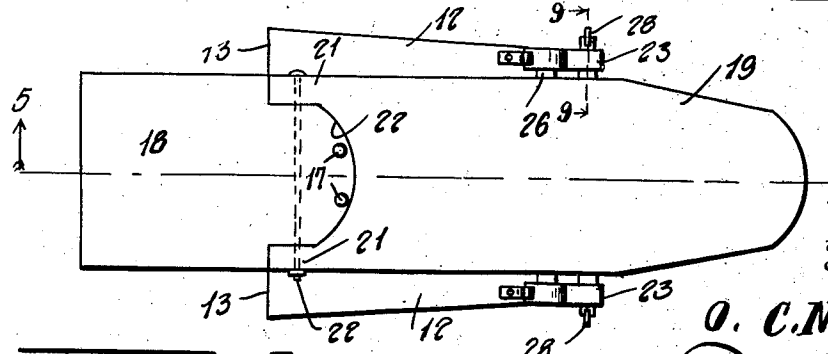

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FIG. 4.

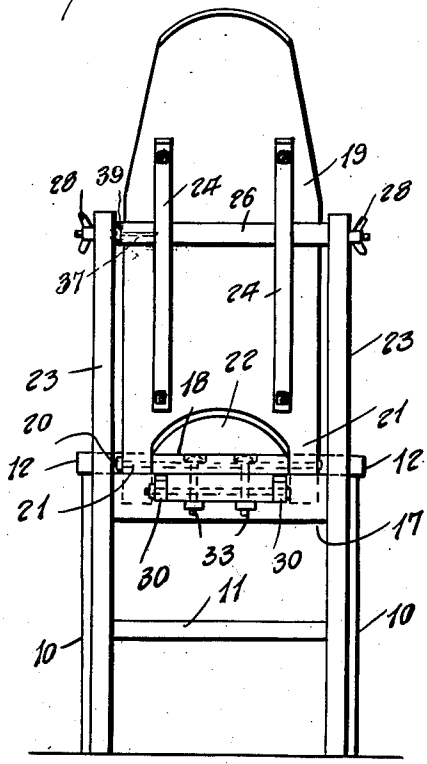

FIG. 6.

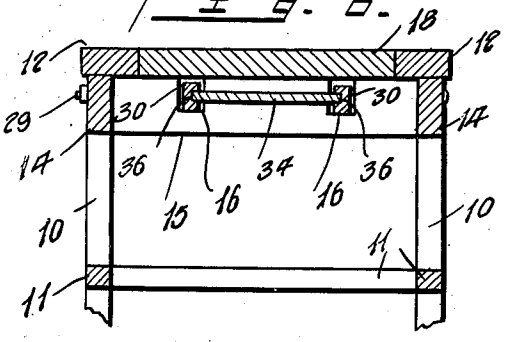

FIG. 7.

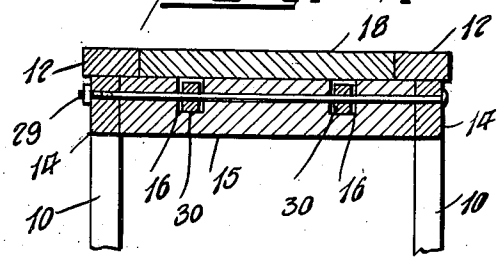

FIG. 8.

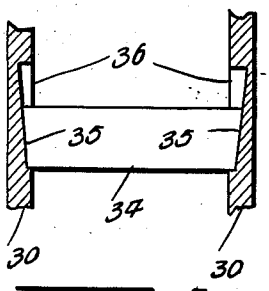

FIG. 9.

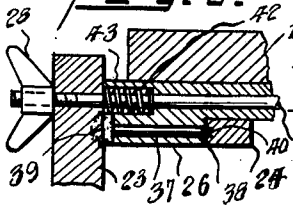

FIG. 5.

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UNITED STATES PATENT OFFICE

2,060,000

COMBINATION CHAIR AND IRONING BOARD

Oscar C. Nelson, Minneapolis, Minn., assignor of one-half to Gunnar V. Abrahamson and one-half to Robert Nasstrom, both of Minneapolis, Minn.

Refiled for abandoned application Serial No. 301,139, August 21, 1928. This application December 19, 1935, Serial No. 55,280

3 Claims. (Cl. 155—41)

This invention relates to an article of furniture which may be used as a chair or an ironing board and is a refiling of application filed August 21, 1928, Serial No. 301,139, and allowed May 27, 1929, and abandoned.

It is aimed to provide a novel, efficient, inexpensive and durable construction.

A further object is to provide a construction which will be attractive in appearance, capable of adjustment in a few seconds from one form to the other, and which especially solves the problem of providing an ironing board which need not be carried out of the room.

Various additional objects and advantages will become apparent from a consideration of the description following taken in connection with accompanying drawings illustrating an operative embodiment.

In said drawings:

Figure 1 is a side elevation of the improved article of furniture,

Figure 2 is a substantially central vertical longitudinal sectional view,

Figure 3 is a plan view of the device in ironing board form,

Figure 4 is a rear elevation of the device in chair form,

Figure 5 is a sectional view taken on the line 5—5 of Figure 3,

Figure 6 is a sectional view taken on the line 6—6 of Figure 1,

Figure 7 is a sectional view taken on the line 7—7 of Figure 1,

Figure 8 is a vertical sectional view taken on the line 8—8 of Figure 5, and

Figure 9 is a sectional detail, on an enlarged scale, on a plane indicated by the line 9—9 of Figure 3.

Referring specifically to the drawings, the device in one form is a chair and accordingly its supporting means may comprise four legs 10, one at each corner, suitably braced or reenforced by rounds 11. At the upper ends a seat frame is secured consisting of side bars 12 and a front bar 13. Below the bars 12 and 13, side panels 14 are secured and a front cross bar 15 is secured. The latter is cut away at its upper inner corner to provide a ledge as at 16. Spanning the rear legs 10 is a cross bar 17.

A seat board 18 when the device is in the form of a chair is adapted to occupy the positions shown in Figures 1, 2, 4, 6, and 7, where the seat board 18 is flush with the frame members 12 and 13.

Pivotally connected to the seat board 18 is a back board 19, by means of a bolt 20, the seat board 18 and back board 19 respectively having interfitting portions 21 and 22.

Supporting bars are provided at 23 which as shown may be extensions of the rear legs 10. Brackets 24 are fastened to the back board 19 in order to provide elongated slots 25 in which a bar 26 is disposed and through which a rod 27 passes and is rotatable. Such rod also passes loosely through the upper end portion of the supporting members 23 and outwardly of the latter has wing nuts 28 threaded thereon.

A bolt or rod 29 passes through the bar 13 and panels 14 and has struts or supporting elements 30 pivoted thereto, which elements are normally adapted to rest on the ledge 16 and bar 17 to support the seat. Such bars 30 at their other ends, by means of a bolt or rod 31 are pivotally connected to a bar 32 fastened against the under sides of the seat bar 18 as by means of bolts 33.

A wedge brace is employed at 34 which has inclined ends 35. Such brace is disposed in inclined slots 36 provided in the facing surfaces of the bars 30 so that when the bars 30 are elevated, the wedge member 34 may be depressed in order to spread the bars 30 and thus tend to rigidify the support for the structure at the connection or pivot 20.

When the device is to be used as an ironing board, the seat 18 is elevated from the position shown in Figures 1 and 2 to that shown in Figure 5 where such seat board 18 and the back board 19 will aline. During such movement, the board 19 will have slid relative to the pivot 27 so that the latter will be disposed at the upper extremity of the slots 25. The wing nuts 28 with the parts in such position may be tightened in order to rigidify them. Also with the parts in this position, the wedge bar 34 may be depressed in order to bow the support 30 and thus rigidify the structure. In the position of the parts shown in Figures 3 and 5, the seat board 18 and back board 19 are of a shape quite similar to an ironing board.

In order to hold the back board 19 in its two positions, as shown in the drawings, a bolt 37 is slidably mounted in an opening 38 in bar 26 and has a bead 39 engaging against one of the bars 23. The other end of said bolt 37 engages in recesses 40 and 41 in the adjacent bracket 24 when the back board 19 is in adjusted positions as shown. 42 indicates an expansible coil spring mounted on rod 27 and in recess 43 in bar 26 and operates so that when the nut 28 is released the bar 23 is moved from engagement with the

end of bar 26 and permits movement of the board 19.

Various changes may be resorted to provided they fall within the spirit and scope of the invention.

I claim as my invention:—

1. An article of furniture having a frame, supporting means extending above the same, a seat member resting on the frame, a back member pivoted and slidably connected to the supporting means above said seat member, said seat and back members being pivotally connected together, and means to support the seat member in a position alined with the back member, the latter means being pivoted to said frame and to said seat member, a bar having a ledge on which the latter means normally rest, and another bar spaced from the first mentioned bar on which said latter means normally rest.

2. An article of furniture having a frame, supporting means extending above the same, a seat member resting on the frame, a back member pivoted and slidably connected to the supporting means above said seat member, said back and seat members being pivotally connected together, and means to support the seat member in a position alined with the back member, the latter means being pivoted to said frame and to said seat member, said supporting means comprising bars, said bars having facing slots with inclined faces, and a wedge member disposed in said slots and coacting with said faces.

3. An article of furniture comprising a chair frame and supports constituting extensions of legs thereof, a seat member resting on said frame, said seat member having bars pivoted thereto and to the frame, means on the frame on which said bars normally rest, a back member pivoted to said seat member and adapted for movement therewith to occupy an alined position to constitute an ironing board, said back member having an elongated slot, a pivot means on the said supporting members passing through said slot, and binding fastening means for said pivot means.

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