

April 16, 1935.

R. T. DORKINS

1,997,767

FOLDING SEAT AND BACK REST

Filed Jan. 31, 1933

2 Sheets-Sheet 1

Fig. 1.

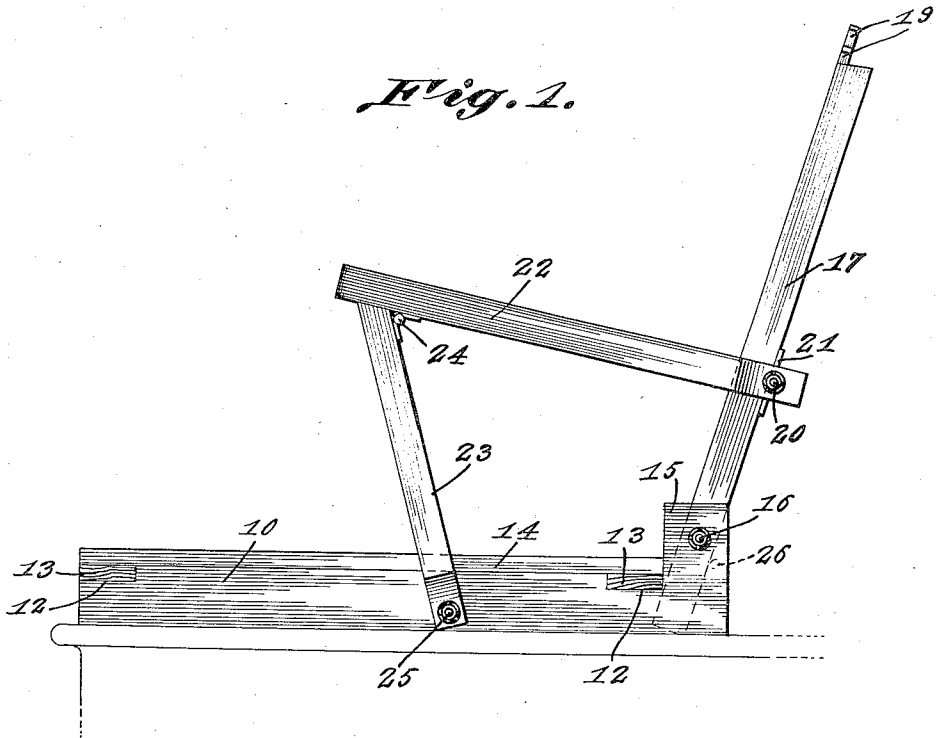
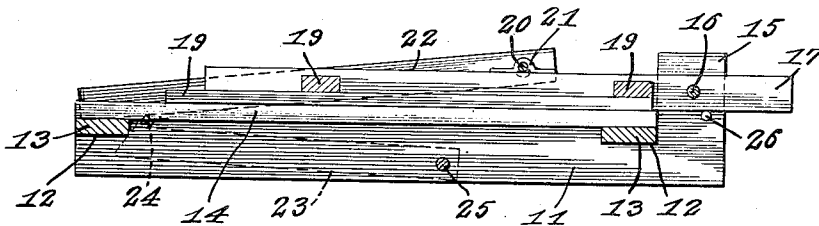


Fig. 2.



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Fig. 3.

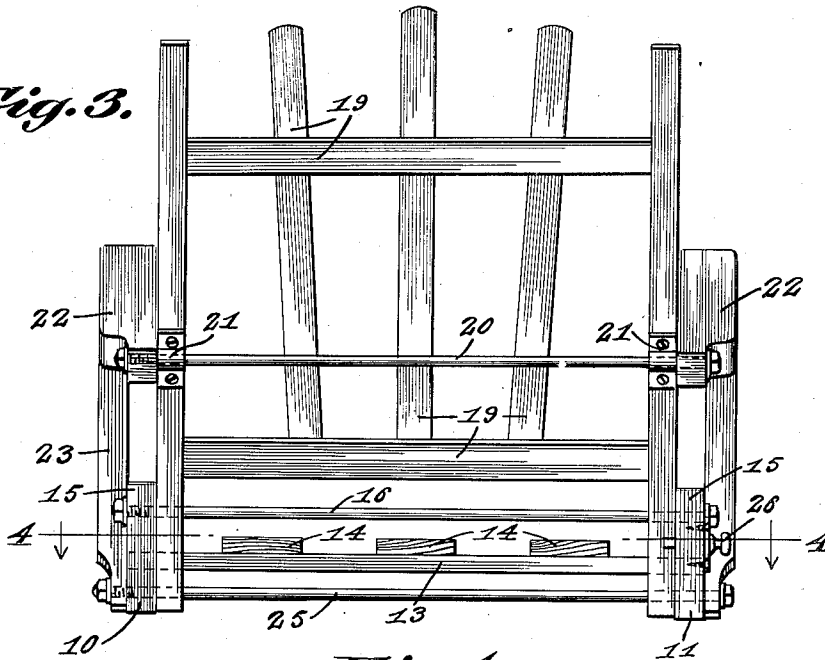
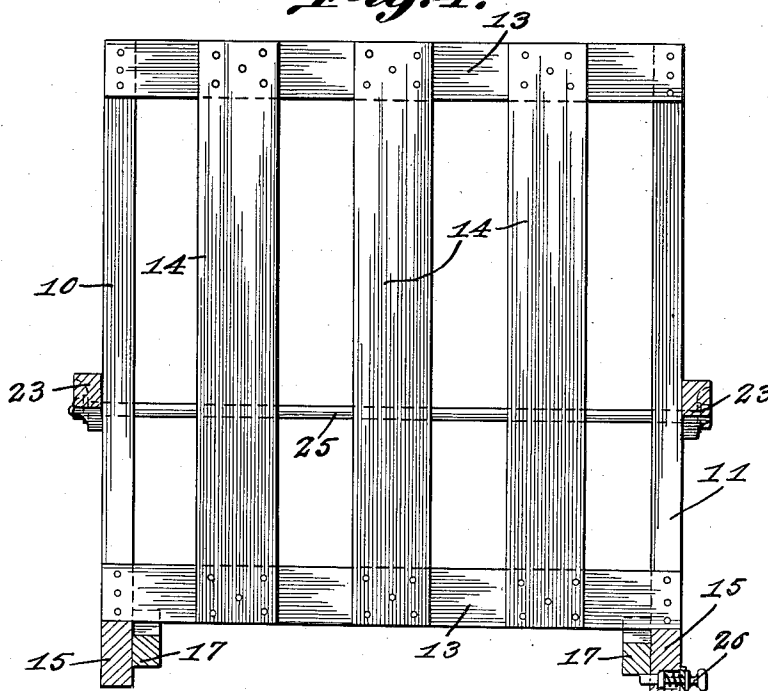


Fig. 4.



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UNITED STATES PATENT OFFICE

1,997,767

FOLDING SEAT AND BACK REST

Robert T. Dorkins, Brooklyn, N. Y.

Application January 31, 1933, Serial No. 654,526

2 Claims. (Cl. 155—133)

This invention relates to certain new and useful improvements in a combination knock-down seat and back rest.

Another of the objects of the invention consists of mountings for the back upon the seat to facilitate folding the back with relation to the seat in such manner as to permit the device to be conveniently carried under the arm.

An additional object of the invention embodies the provision of a locking element upon the seat whereby the back may be retained against displacement when swung to occupy either of its respective positions.

With the above and other objects in view, the invention further consists of the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claims.

In the drawings:—

Figure 1 is a side elevation of the present invention.

Figure 2 is a longitudinal sectional view taken through the device when knocked down.

Figure 3 is a rear elevation of the invention.

Figure 4 is a sectional view taken on line 4—4 of Figure 3.

Referring to the drawings in detail wherein like characters of reference denote corresponding parts, the reference characters 10 and 11 indicate the side rails of my form of seat having notches 12 arranged in the upper edges thereof to accommodate cross rails 13 having the upper surfaces thereof in alignment with that of the rails 10 and 11. Slats 14 are arranged at intervals upon the rails 13 in the manner suggested in Figures 3 and 4 of the drawings, after the manner of the usual lawn bench construction.

Extensions 15, carried by and upstanding from the rearmost projecting ends of the rails 10 and 11, support therebetween a rod member 16 pivotally supporting the side members 17 of the seat back. The side members, aforementioned, carry transverse and longitudinal slats 18 which may intersect for connection in any desired manner from the standpoint of strength or ornamentation. A rod member 20, carried by journal members 21 located upon the rearmost projecting edges of the side members 17, project outwardly far enough to pierce appropriate portions of the arm rests 22. As shown in Figure 1 of the drawings, the arm rests 22 are provided with legs 23 having hinge connections 24 at their upper ends with the under sides of the arm rests. The upper extremities of the legs 23, however, are inclined to bear

flush against the under sides of the arm rests 22 when same are shifted to occupy active positions. A rod member 25, supported by the rails 10 and 11, projects outwardly therebeyond to pivotally support the lowermost ends of the leg members 23 whereby the latter may be shifted to occupy positions suggested by dotted lines in Figure 2 of the drawings when the seat is knocked down.

A spring actuated plunger pin 26, mounted in either or both of the rails 10 and 11, is designed to be disposed in the path of movement of the shorter ends of the side members 17 for the seat back whereby the latter will be lockingly retained against accidental displacement when shifted to occupy either of its extreme positions.

As suggested from the Figure 1 illustration, the device may be employed to useful effect upon concrete and other steps, upon the usual slab seats at amphitheaters and the like where the seats are usually hard and do not afford such comforts as back and arm rests.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention, what is claimed is:

1. A collapsible chair embodying side rails, forward and rearward cross rails connecting the side rails and slats terminally connected to said cross rails, extensions formed integral with the side rails and on the rear end thereof and extending above the top edge of the rails, a back formed of side members, the lower ends of the side members engaging with the confronting faces of said extensions, a transversely disposed rod passing through the side members of the back and said extensions for pivotally connecting the back with the extensions and permitting of the folding of the back upon said slats, bearing members on the rear face of the side members, arm rests, a second transverse rod journaled in the bearings of the side members and loosely projecting through the rear ends of the arm rests, legs hinged at the forward end of said arm rests, the opposite ends of the legs contacting with the outer face of the said side rails, a transverse member passing through the lower ends of the legs and side rails for pivotally connecting the legs to the side rails and in contact with the outer faces thereof.

2. A collapsible chair embodying side rails, forward and rearward cross rails connecting the

side rails and slats terminally connected to said cross rails, extensions formed integral with the side rails and on the rear end thereof and extending above the top edge of the rails, a back 5 formed of side members, the lower ends of the side members engaging with the confronting faces of said extensions, a transversely disposed rod passing through the side members of the back and said extensions for pivotally connecting the 10 back with the extensions and permitting of the folding of the back upon said slats, bearing members on the rear face of the side members, arm rests, a second transverse rod journaled in the bearings of the side members and loosely projecting through the rear ends of the arm rests, legs hinged at the forward end of said arm rests, the opposite ends of the legs contacting with the outer face of the side rails, a transverse member 5 passing through the lower ends of the legs and side rails for pivotally connecting the legs to the side rails and in contact with the outer face thereof, a spring pressed pin mounted in one of said extensions and alternately contacting with the front and rear faces of one of the side mem- 10 bers of the back for supporting the chair in a folded and unfolded position.

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