

No. 823,596.

PATENTED JUNE 19, 1906.

G. B. FREEMAN,
BACK FOR FOLDING STOOLS.
APPLICATION FILED JUNE 12, 1905.

Fig. 2.

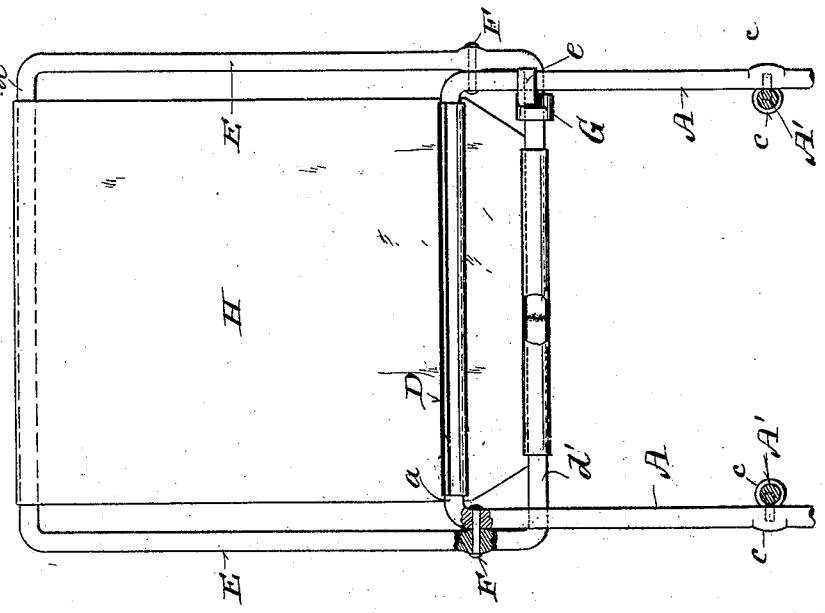
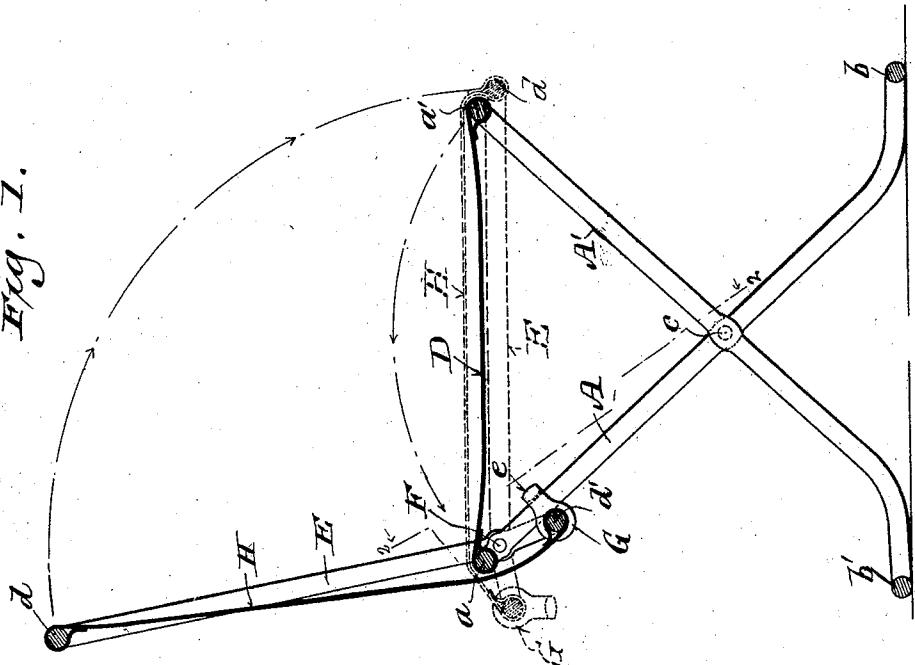


Fig. 2.



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UNITED STATES PATENT OFFICE.

GEORGE B. FREEMAN, OF RACINE, WISCONSIN.

BACK FOR FOLDING STOOLS.

No. 823,596.

Specification of Letters Patent.

Patented June 19, 1906.

Application filed June 12, 1905. Serial No. 264,787.

To all whom it may concern:

Be it known that I, GEORGE B. FREEMAN, a citizen of the United States, and a resident of Racine, in the county of Racine and State 5 of Wisconsin, have invented certain new and useful Improvements in Backs for Folding Stools; and I do hereby declare that the following is a full, clear, and exact description thereof.

10 The object of my invention is to provide a folding or collapsible stool with a hinged back that may be folded over the seat of the stool when swung down and serve in this position as a brace for the legs of said stool.

15 Another object is to provide means for locking the back to the legs of the stool when it is swung up, said back being rigidly held in this position.

20 In view of the foregoing said invention consists in certain peculiarities of construction and combination of parts hereinafter fully set forth with reference to the accompanying drawings and subsequently claimed.

25 Figure 1 of the drawings represents a vertical section view of a folding stool embodying my invention; and Fig. 2, a sectional view of the same, indicated by line 2 2 in Fig. 1.

30 Referring by letter to the drawings, A A' indicate the legs of the stool, provided with upper cross-bars a a', respectively, and lower cross-bars b b'. The cross-bars, together with the leg members A A', form rectangular loops that are pivoted together at their enlarged 35 central portions c c, the cross-bars a a' being connected by a flexible seat D to complete an ordinary folding stool. The back-frame is preferably composed of a single piece of metal bent in a rectangular form to provide 40 side bars E and upper and lower cross-bars d d', said frame being of such width as to straddle the outside legs A of the stool to which it is hinged just below the cross-bar a by pivots F, passing through the said legs and side bars 45 E of the back-frame. The hinge-joints are located just above the cross-bar d' of the back-frame, and this bar impinges against the back of the legs A when said back-frame is swung up for use, and to rigidly secure the 50 said back in said position a locking-dog G is ad-

justably mounted upon said cross-bar. The dog has a nose e, that straddles one of the legs A, the latter being then held between the back-frame bar d' and said nose to prevent the back from moving in either direction on its pivots. A flexible backing-strip H is secured to the upper and lower cross-bars d and d' of the back-frame, and when the latter is to be folded the locking-dog E is pushed clear of the leg A by sliding the said dog upon the rod d', this movement unlocking said back-frame and permitting it to be swung upon its pivots to the horizontal position, (shown by dotted lines in Fig. 1,) which position brings the upper cross-bar d below the front cross-bar a' and draws the flexible backing H tightly over both cross-bars a a', the back-frame in this position forming a rigid brace for the stool-legs A A' and also serving as a seat. The stool may also be folded flat 70 against its back, thereby making a compact package. The stool when used with the back is desirable for children, and when said back is folded upon the seat it may be used as a third seat for a vehicle. When employed as 75 a third seat, the device is subjected to greater strain than when used as a child's chair, and consequently the increased strength obtained by the employment of the back-frame as a brace for the stool-legs is an important feature of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a collapsible stool comprising intersecting legs pivoted together, upper and lower cross-bars for said legs, a flexible seat connecting the upper cross-bars, and a rectangular back-frame having side bars connected by upper and lower cross-bars, pivots supported 85 in a pair of the stool-legs near the upper ends of same and in the side bars of the frame near the lower cross-bar of said frame, and a longitudinally-adjustable locking-dog mounted 90 upon said lower cross-bar of the frame, whereby the latter is secured to one of the stool-legs.

2. In a folding back for collapsible stools or the like, a rectangular frame composed of side bars and upper and lower cross-bars, a 100

pivoted connection between the side bars of one frame and the rear legs of the stool, and a longitudinal adjustable locking-dog mounted upon the lower cross-bar of the frame where-
5 by the latter is secured to one of the stool legs.

In testimony that I claim the foregoing I

have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

GEORGE B. FREEMAN.

Witnesses:

N. E. OLIPHANT,
GEORGE FELBER.