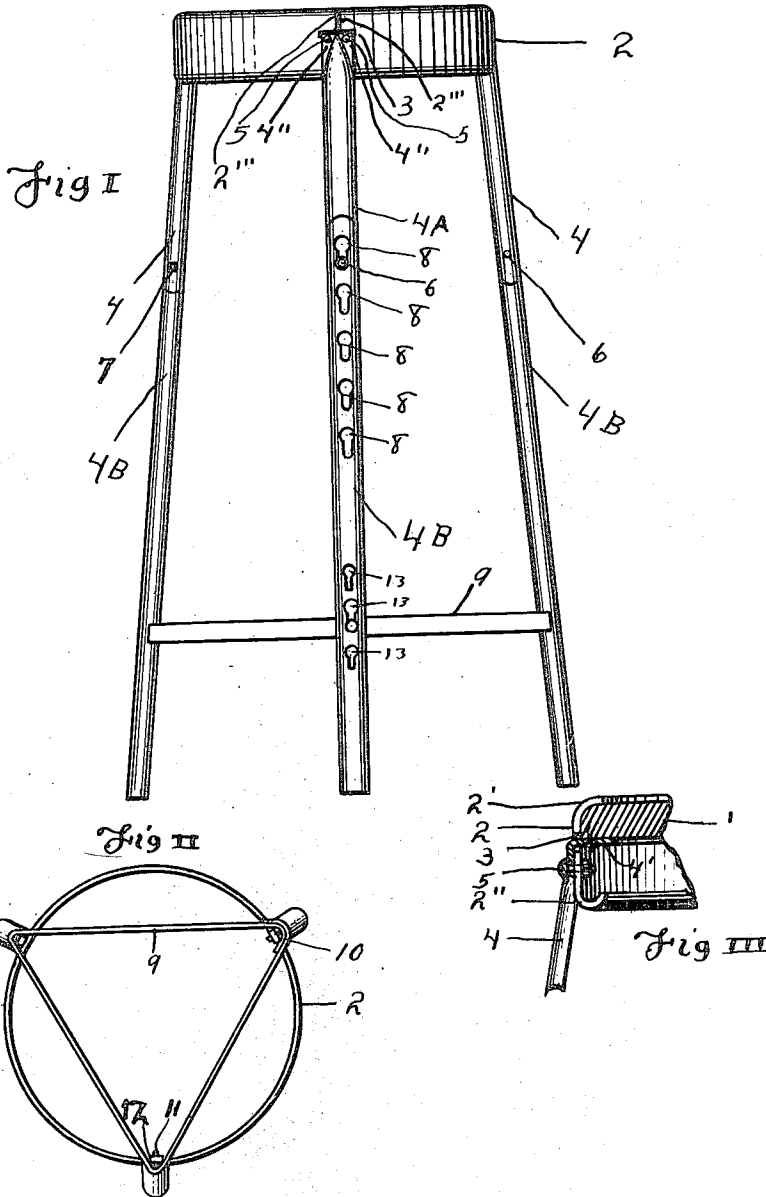


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STOOL.

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1,075,964.



WITNESSES
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UNITED STATES PATENT OFFICE.

CHARLES J. COLLING, SR., OF CLEVELAND, OHIO, ASSIGNOR OF ONE-HALF TO JOSHUA
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STOOL.

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To all whom it may concern:

Be it known that I, CHARLES J. COLLING, Sr., a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented some certain new and useful Improvements in Stools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to chairs or more particularly to stools, the object being to provide a stool which is cheap in construction and at the same time durable and capable of standing the strain of common usage.

Another object of this invention is to produce a stool that may be packed into a small space and constructed in such a manner that a large number of stools may be nested together for shipment.

My invention consists in a stool having three or more legs which are detachable and providing each leg with adjustable means for raising or lowering the stool.

In the drawings, Figure I, is a side elevation view showing the stool with three legs, also showing the adjusting means. Fig. II, is a view from the under side of the stool showing the position of the brace rungs and the means for securing the same. Fig. III, is a sectional view showing the manner of forming, placing and securing the legs in position.

1, represents the seat of the stool which may be either of wood or metal and formed to any suitable shape or contour. The seat is supported by the band 2, which completely surrounds the seat 1. In forming this band 2, I form it with the top edge being bent inwardly to form a flange 2' thus making a secure fastening for the seat 1. Approximately midway between the top and bottom edges of the band 2, I form an elongated orifice 3 for the reception of the end 4' of the leg 4. At the lower edge of the band 2, I form a reinforcement of the band by bending the metal inwardly and upwardly forming a round edge 2''.

In forming the legs 4 of this stool I prefer to make them out of half round metal or of angle metal and in thus forming them I bend the upper and outer edges 4'', 4'', outwardly in order to provide a surface for

the attachment of the legs 4 to the rim 2. The upper outer edges 4'', 4'', being thus formed I then bend the top inwardly to form the projection 4' which passes through the elongated orifice 3 in the rim 2. Having thus formed and placed the leg in position I secure the leg 4 to the rim 2 by bolts or screws 5, 5, which pass through the leg 4 and rim 2.

In order to obviate the necessity of special fastenings for the adjoining edges 2'', 2'', of the rim 2 I place the leg 4^A over the adjoining edges and when the bolts or screws 5, 5, are placed in position they act as a fastening for the rim 2.

For the purpose of adjusting the height of the stool I have provided and formed the legs in two sections, 4 and 4^B. At the lower portion of the section 4 I have provided a bolt or screw 6 which has a nut 7 provided on the inside of the leg or may be screw threaded into one section of the leg. On the upper portion of the sections 4^B I have provided a series of tapering or key hole orifices 8, 8, 8, through one of which passes the bolt or screw head 6. The bolt or screw is then slipped downward into the lower end of the orifice 8 and then the bolt or screw is screwed into the opposed section of the nut 7 thus fastening the sections 4 and 4^B securely together.

In order to prevent the legs 4 from spreading I provide a rung 9 formed of one piece and secured together as shown at 10 in Fig. II. At each angle of the triangular rung 9 I provide a bolt or screw 11 and nut 12. The bolt or screw 11 passes through one of the series of elongated tapering orifices 13, 13, and after being slipped to the bottom of the orifice 13 the bolt is screwed into the rung or nut and secures the rung 9 in position. When the stool is adjusted in height it is desired that the rung 9 be adjusted accordingly as in the case of a work stool the rung is used as a foot rest hence the rung should be raised or lowered accordingly when the stool is adjusted.

I have found that in the chairs or stools as now manufactured they require separate crating thus taking up much shipping room and much labor while in this invention with the aid of a screw driver the chair or stool may be assembled and shipped, a dozen or more in one crate, and when received by the purchaser may be readily completely as-

sembled and adjusted. I have also found that through this invention considerable time and labor as well as expense in shipping has been saved.

5 I have illustrated and described this invention as it seems best adapted at the present time but I do not wish to be limited to the exact construction or assemblage, as shown, as the same may be modified without
10 departing from this invention.

What I claim is:

15 A stool of the class described comprising a seat, a band surrounding said seat, elongated orifices in said band, an inwardly extending flange provided on the upper edge of said band and engaging said seat; legs

attached to said band, the upper edge of said legs extending through the elongated orifices in said band and supporting said seat, the lower portion of said legs provided with an adjustable brace member, said legs provided with means for adjusting the height of said stool all substantially as and for the purpose set forth. 20

Signed at Cleveland in the county of Cuyahoga and State of Ohio this 20th day December 1910. 25

CHARLES J. COLLING, Sr.

Witnesses:

JOHN DONNELLY,
A. B. DONNELLY.