

(No Model.)

J. R. BROTT.

CHAIR.

No. 384,887.

Patented June 19, 1888.

Fig. 3

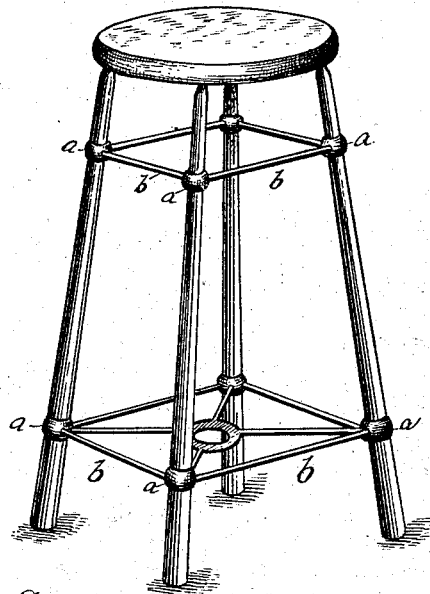


Fig. 1.

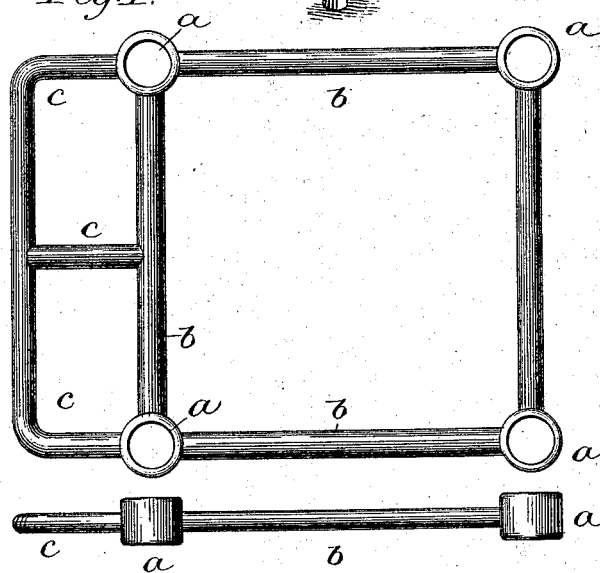


Fig. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN R. BROTT, OF LONG MEADOW, MASSACHUSETTS, ASSIGNOR TO
WILLIAM W. COOMES, OF SAME PLACE.

CHAIR.

SPECIFICATION forming part of Letters Patent No. 384,887, dated June 19, 1888.

Application filed March 11, 1886. Serial No. 194,811. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. BROTT, a citizen of the United States, residing in Long Meadow, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Chairs, of which the following is a specification, reference being had to the accompanying drawings, in which—like letters of reference indicating like parts—

10 Figure 1 is a top, and Fig. 2 a side view, of my device; and Fig. 3 is a perspective view of a stool having my device applied thereto.

Heretofore the legs of chairs, stools, &c., have been connected and braced by rounds or rods running from leg to leg. These rounds become loosened in the legs after a time, and unless the chair is constantly repaired it remains in a shaky condition, and will be destroyed much sooner than if the parts were held rigidly together.

20 The object of my invention is to overcome all these objectionable features in the manufacture of chairs, stools, &c., and to provide as a new article of manufacture a frame or set of braces suitably united, which may be applied to chairs, stools, &c., and which will hold the parts firmly in position.

Reference being had to the drawings, the letter *b* designates the rods, which serve the purpose of rounds or braces. These are arranged in rectangular relation, forming the sides of a square, and have their ends cast to hollow sleeves *a*, open at both ends, through which the legs of the chair are passed and secured, the rounds and the sleeves being cast in one piece. Additional security may be given to the frame by casting with it diagonally-arranged braces, substantially as shown, with their ends in the shell of the hollow sleeves.

Two or more sets of braces may be used upon each chair, if desired. I find, however, one set situate about midway from the seat to the floor will in most cases accomplish the desired result.

Wherever a foot-rest is desired upon a chair or stool, I cast the same with the frame, as shown at *c* in the drawings.

I am aware that a spider casting or frame has heretofore been made for connecting together the upper ends of the legs of a stool or chair, which spider consists of a threaded hub or center piece having four arms radially projected therefrom and terminating in vertical sockets having open ends for the reception of the ends of the chair-legs, and secured thereto by washers and screws passed vertically downward into the legs.

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

1. As a new article of manufacture, a brace for chair-legs, cast in a single piece, consisting of a rectangular frame of four rounds united at the ends by hollow sleeves open at both ends to take and hold the legs of a chair below the seat thereof, substantially as described.

2. The brace for chair-legs herein described, consisting of a rectangular frame of four rounds united at the ends by hollow sleeves open at both ends to take the legs of a chair below the seat thereof, and formed with diagonally-arranged braces having their ends in the sleeves, substantially as described.

JOHN R. BROTT.

Witnesses:

ALLEN WEBSTER,
FRED BROWN.