

H. OCORR.
Stools or Chairs.

No. 139,730.

Patented June 10, 1873.

Fig. 1.

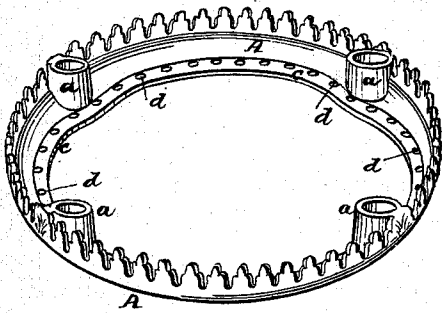


Fig. 2.

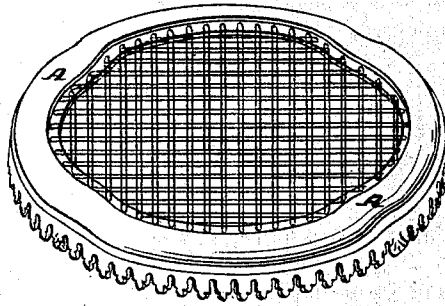
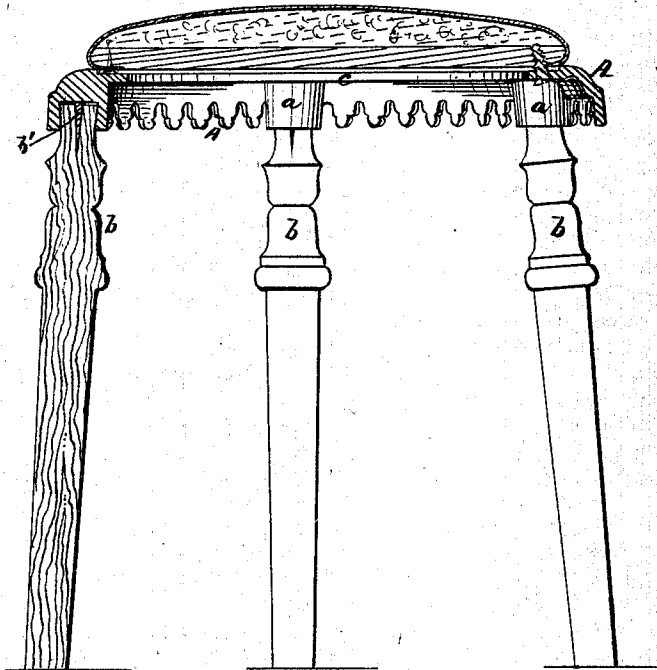


Fig. 3.



Witnesses.

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HENRY OCORR, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN STOOLS OR CHAIRS.

Specification forming part of Letters Patent No. **139,730**, dated June 10, 1873; application filed May 31, 1873.

To all whom it may concern:

Be it known that I, HENRY OCORR, of Milwaukee, in the State of Wisconsin, have invented certain new and useful Improvements in Stools and Chairs, of which the following is a specification:

This invention relates particularly to the seat portion of stools and chairs—that is to say, the skeleton or annular rim or frame, which is caned or upholstered in order to form the seat.

This rim or frame has heretofore been made of wood, the use of which is open to objections. In order to be at all durable it must be thick and consequently heavy. It is also usually made in two or more pieces, and these pieces are apt to warp, and their joints not unfrequently become loose. It is also difficult to make wooden frames ornamental unless with considerable trouble and expense.

To obviate these and other objections I make said rim or frame of cast metal, forming the same complete in one casting with sockets to receive the legs of the stool, or legs and back of the chair, and with the necessary recessed flange to receive the upholstered seat or the strips of cane woven across from side to side of the frame, in the usual way; the frame, in the latter instance, being provided with the necessary holes for the passage of the cane strips. This frame, cast of metal not necessarily more than one-eighth of an inch in thickness, can be cast of any desired pattern so as to be extremely ornamental, is formed with all the appliances needed to adapt it to receive the upholstering or caning, as the case may be, and is both light and very durable.

The accompanying drawing represents the manner in which my invention is, or may be, carried into effect.

Figure 1 is a perspective under-side view of the rim or frame adapted for a stool-seat. Fig. 2 is a top view of the same caned. Fig. 3 is a vertical central section of an upholstered stool embodying my invention.

A is the cast-metal rim formed, as shown, on its under side with sockets *a* to receive the tenons of the legs *b* of the stool or chair. These legs are of the usual ordinary or suitable construction, and are made of ordinary material, such as wood. The sockets should expand toward their bottom, as shown, and the legs are readily secured therein by means

of wedges *b* inserted in the slit upper ends of the legs, before the latter are put into their sockets. When the legs are driven into their sockets the wedges, forced into the wood by striking against the bottoms of the sockets, will spread apart the split tenons of the legs and force them to expand, so as to fill the enlarged inner portions of the sockets. In this way the legs are held tightly in place. The socket pieces may be either cast hollow or reamed out, but I much prefer, on the score of cheapness and ease of manufacture, to cast them hollow.

Extending inwardly from the top of the rim is a continuous horizontal flange or ledge, *c*, which is a little below the plane of the top of the rim, so that the strips of cane can be applied to it without projecting or rising above the plane of the rim. In this ledge holes *d* are cast or reamed out, (casting is preferable for the reasons above given,) in case the chair or stool is to be caned; or the rim may be upholstered, or have an upholstered seat applied to it, as shown in Fig. 3. The screws which hold the upholstered seat in place pass up through to the caning-holes. If desired, a strip of wood might be sprung into the recess above the flange or ledge *c*, and there held in place by suitable means. To this strip the upholstering material could be tacked or secured.

In case the rim is designed for a chair suitable sockets, of course, must be provided in it for reception of the tenons of the back of the chairs or the bows.

The above-described rim or frame is cheap and durable, and possesses many material advantages over the ordinary wooden frame.

What I claim, and desire to secure by Letters Patent, is—

A cast-metal rim for a stool or chair, formed in one piece, as herein described, with sockets to receive the legs, and a perforated flange or ledge for attachment of the upholstered or cane seat, as shown and described.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

HENRY OCORR.

Witnesses:

JEROME R. BRIGHAM,
D. B. FRANKENBURGER.