J. LEMMAN

CHAIR-SEAT.

No. 189,757. Patented April 17, 1877.

Fig. 1.

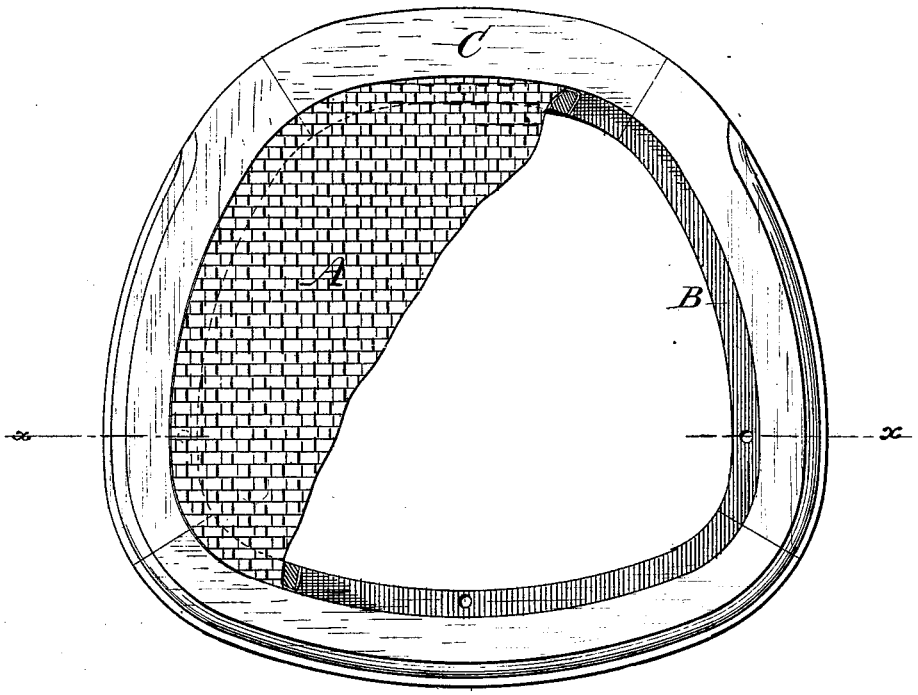


Fig. 2.

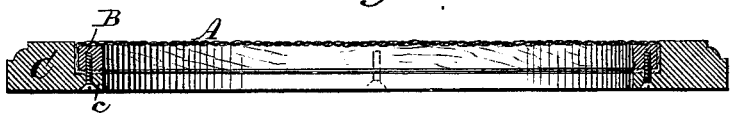
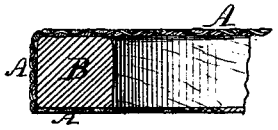


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN LEMMAN, OF CINCINNATI, OHIO.

IMPROVEMENT IN CHAIR-SEATS.

Specification forming part of Letters Patent No. **189,757**, dated April 17, 1877; application filed April 6, 1877.

To all whom it may concern:

Be it known that I, JOHN LEMMAN, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Chair-Seats, of which the following is a clear and exact description:

This invention relates to detachable chair-seats made of woven cane stretched over a suitable bent strip or frame of wood, and secured thereto by gluing, such as described by me in an application for Letters Patent filed by me of even date with this.

It has reference to a special feature of construction, which consists in lapping the cane-cloth around the bottom as well as the exterior side of the strip, and adapting the seat to fit a shouldered recess in the rim of the seat-frame of chairs, whereby the permanent holding of the cane splints is made more secure, both by the extra lap of the cane-cloth around the bottom of the strip, and by the clamping action of the shoulder upon which it rests when secured to the seat-frame of the chair.

In the annexed drawings, Figure 1 is a plan view of my invention, showing the detachable seat (part of the cane-cloth being broken away) fitted to the rim of the seat-frame of a chair. Fig. 2 is a transverse section thereof. Fig. 3 is a transverse section, on a larger scale, of a part of my improved detachable woven cane-seat.

The same letters of reference indicate like parts in all the figures.

The cane-cloth A is cut to the form of the seat, with sufficient lap to bend around the exterior side and bottom of the bent strip or frame B, as shown in Figs. 2 and 3.

In constructing the seat, the dampened and pliable cane-cloth is placed upon a templet with the reverse side up. Glue is then applied, either in a band around the edge of the cane-cloth on the reverse side, or to the upper and exterior sides of the strip B. The latter is then placed on the cane-cloth and forced into the templet by a die. On the lifting of the die the exposed bottom side of the strip B is glued, (if glue has not already been applied to the protruding rim of the cane-cloth,) and the lap of the cane-cloth having been in any suitable manner bent down upon the bottom side of the strip, the die is brought down again to forcibly press the cane to the bottom side of the strip. The seat is left in the templet under pressure of the die until the glue has dried.

The bent strip or frame B of a detachable woven cane-seat made as just described has less thickness vertically than the rim C of the seat-frame of the chairs for which it is intended, and the recess or opening in this rim C is provided with a shoulder, *c*, for supporting the seat, which is preferably firmly screwed to said shoulder, so that the latter will exert a clamping action on the bottom lap of the cane-cloth, for the purpose heretofore stated.

I do not claim, broadly, a detachable chair-seat, since I am aware that such detachable seats are not new.

The invention hereinbefore described relates to a particular construction specially adapted to a detachable cane-seat made of woven cane, as distinguished from chair-seats made of laced cane or other materials.

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

A detachable chair-seat of woven cane, composed of a bent strip or frame, and cane-cloth which is stretched over the same, lapping around the bottom of the strip, and is secured thereto by gluing, the seat thus made being adapted to fit a shouldered recess of the seat-frame of chairs, substantially as and for the purpose specified.

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

JOHN LEMMAN.

Witnesses:

CHAS. A. NEALE,

B. E. J. EILS.