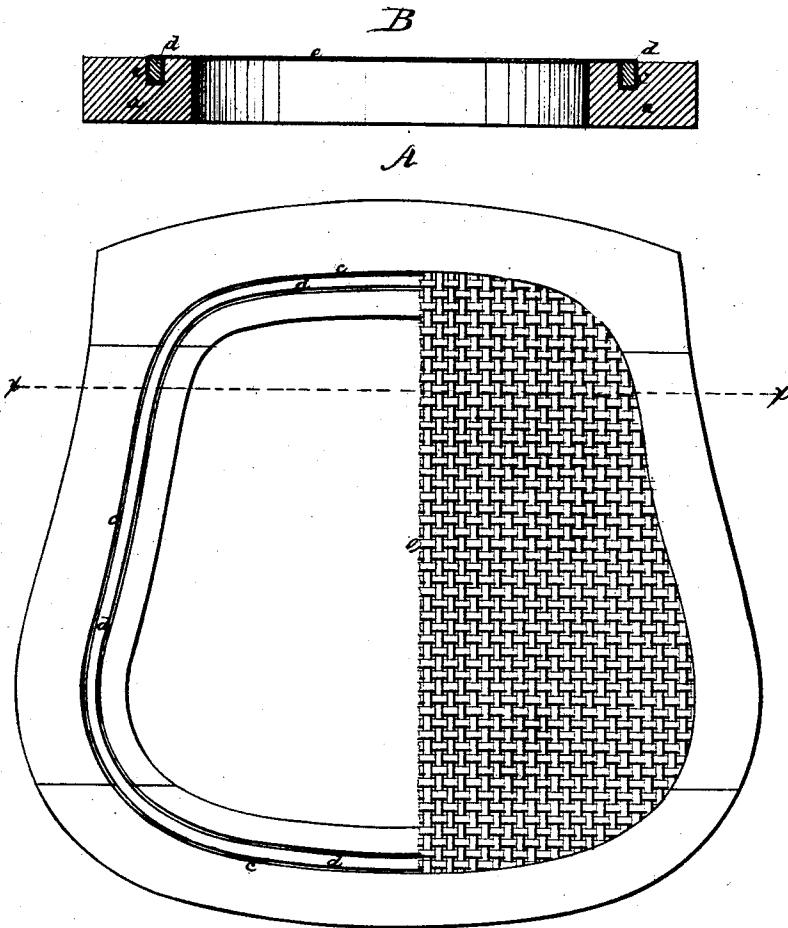


O. A. Bingham,

Chair Seat.

No. 101,090.

Patented Mar. 22. 1870.



*Witnesses
J. B. Kilders
W. W. Frothingham.*

*O. A. Bingham
by his atty
Crowley, Abbotson & Bouler*

United States Patent Office.

OSMORE A. BINGHAM, OF CAVENDISH, VERMONT, ASSIGNOR TO GEORGE C. WINCHESTER, OF ASHBURNHAM, MASSACHUSETTS.

Letters Patent No. 101,090, dated March 22, 1870.

IMPROVED CHAIR-SEAT.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, OSMORE A. BINGHAM, of Cavendish, in the county of Windsor and State of Vermont, have invented an Improvement in Chair-Seats; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

United States Letters Patent No. 94,553, were granted to me September 1, 1869, for an improved chair-seat. In such patented seat the web or flexible chair-seating is shown as stretched and confined to the seat-frame around its edges, by drawing such edges of the webbing under and around or partially around a strip or strips, which fit into a groove or grooves made in the top surface of the seat-frame, the strip or strips being pressed into the groove or grooves, carrying the web-edges down into the grooves and tightly confining them, the web edges being carried over the top of the strip or strips, so that the strips are concealed by the web; my invention shown in such patent consisting particularly in stretching the web over, or so as to conceal the strips.

My present invention relates particularly to the employment of confining-strips in which the webs are drawn over, and so as to conceal them, though the employment is also applicable to chair-seats having webs confined by the strips, without covering them.

The invention consists in combining with a continuous strip-receiving and web-receiving groove, cut into and extending around the top of the seat-frame, a curved strip or strips, which, extending around the corners or joints of the frame, strengthen said joints, make a better finish than separate strips can make, and are more easily applied.

The drawing represents a chair-seat embodying my improvement.

A denotes a plan of the seat.

B, a section on the line xz .

a denotes the seat-frame, which may be formed whole (or of one piece of wood) or may be made of two

or more strips jointed together, as in common chair-seats.

In the top of this frame, near the edge thereof, I sink a deep narrow groove, c , extending entirely around the frame, and curving at the corners, as seen at A, the groove being formed near the inner edge of the frame.

To fit this groove, I cut a long strip of pliable wood, d , to a length corresponding to the length of the groove, and of a thickness and width slightly less than the width and depth of the groove. This strip I steam and bend around a suitable former, to impart to it the shape of the groove.

I then take the chair-webbing e , (made of any suitable chair-seating material,) formed to proper shape, and draw its edge over the top of the strip around its outer edge and under its bottom edge, (the strip resting upon the top of the frame over the groove,) and having thus drawn the web over the strip I force the strip and overlapping edges of the web down into the groove, thus securing all tightly together.

It will be obvious that the continuity of the strip imparts strength to the frame, especially at the corners, where joints are usually made, or where the grain of the wood may run crosswise of the frame, and if several strips are employed, each or either extending around one or more of the corners, an analogous result is attained, though I consider the employment of one bent and continuous strip preferable to the use of more than one.

It will also be obvious that with my invention the single strip or strips curved around the corners may be employed with a webbing which enters the groove at the inner edge of the strip, but I consider a chair-seat made with the covered strip to be much neater and in every way preferable.

I claim, in combination with the groove, a strip or strips extending around the corners of the seat-frame from rail to rail thereof, substantially as described.

Witnesses:

J. B. CROSBY,
FRANCIS GOULD.

O. A. BINGHAM.