

C. BROWN.
Chair-Seat.

No. 160,643.

Patented March 9, 1875.

Fig. 1.

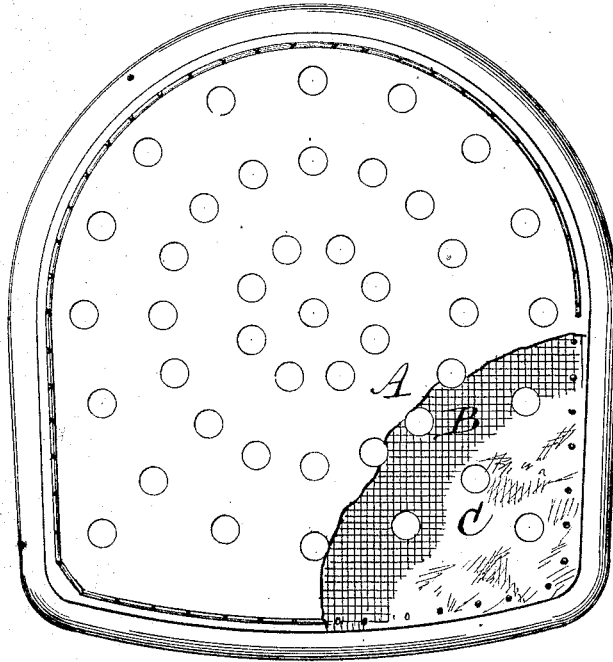


Fig. 2.

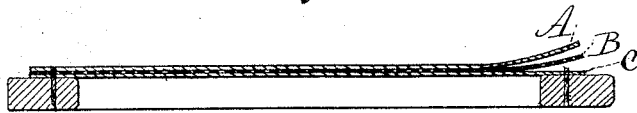
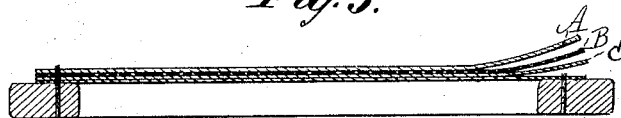


Fig. 3.



Witnesses
John Becker.
Fred Haynes

Charles Brown.
by his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE.

CHARLES BROWN, OF NEW YORK, N. Y.

IMPROVEMENT IN CHAIR-SEATS.

Specification forming part of Letters Patent No. **160,643**, dated March 9, 1875; application filed February 19, 1875.

To all whom it may concern:

Be it known that I, CHARLES BROWN, of New York, in the county and State of New York, have invented a new and useful Improvement in Chair-Seats; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, forming part of this specification.

My invention consists in a fabric for seats and backs of chairs and other articles, composed of wood veneer, wire-cloth, and woven fibrous material in combination, whereby several advantages are obtained.

In the accompanying drawing, Figure 1 is a top view of a chair-seat constructed according to my invention. Fig. 2 is a sectional view of the same. Fig. 3 is a sectional view of a modification.

A represents the wood veneer; B, the wire cloth, and C the woven fibrous material. The inner sides of the wood and the fibrous material are coated with glue, and then placed together, with the wire-cloth between them, and the three layers are submitted to pressure sufficient to press the woven fibrous material through the interstices of the wire, and cause it to adhere to the wood.

The fabric thus formed is designed for the seats and backs of chairs, and for similar purposes, and possesses several advantages. It is cheap, strong, and durable.

The wood veneer may be very thin, and great flexibility thereby obtained.

The kind of wood used may be governed by circumstances. If a cheap article is desired, such wood as bass-wood may be used, which wood is easily worked, and is of comparatively slight cost. If an ornamental article is desired, such wood as rosewood may be used, which wood is capable of being highly polished, and, notwithstanding its brittleness, it will not part or crack when used in the combination herein described.

The woven fibrous material may be ordinary thin muslin, or any other suitable material, as the main purpose for which it is used is to confine the wire to the wood by adhesion through the interstices of the wire.

The wood occupies the upper or exposed surface; and if it is desired to conceal the muslin, or to give a more finished appearance to the under side, it may be covered with a coating of paper, as shown in Fig. 3.

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

A fabric for seats and backs of chairs and other articles, composed of wood veneer, wire-cloth, and woven fibrous material in combination, substantially as shown and described.

CHARLES BROWN.

Witnesses:

HENRY T. BROWN,
MICHAEL RYAN.