

C. BROWN.
CHAIR-SEAT.

No. 175.657.

Patented April 4, 1876.

Fig: 1

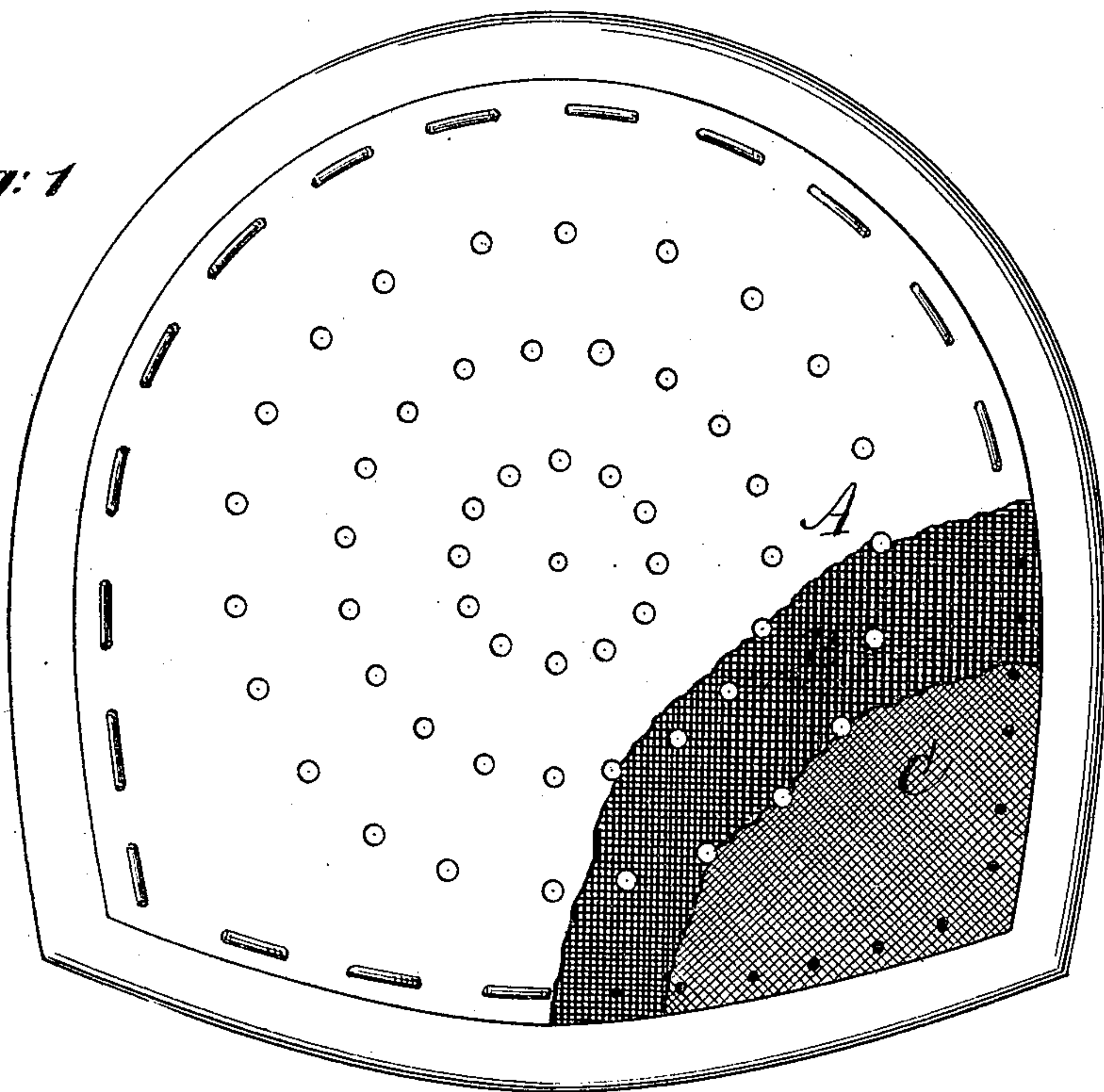
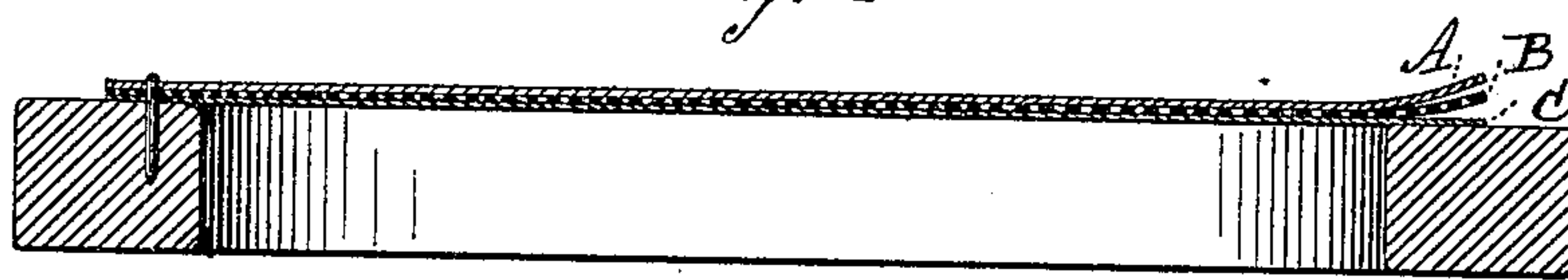


Fig: 2



Witnesses:

Michael Ryan,
Fred Hays

Charles Brown
by his Attorney
Brown & Allen

UNITED STATES PATENT OFFICE

CHARLES BROWN, OF NEW YORK, N. Y.

IMPROVEMENT IN CHAIR-SEATS.

Specification forming part of Letters Patent No. **175,657**, dated April 4, 1876; application filed April 10, 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 of the same, reference being had to the accompanying drawing, forming part of this specification.

My invention consists in a fabric for the seats and backs of chairs, and for other purposes, composed of paper, wire-cloth, and woven fibrous material, in combination, whereby a cheap, strong, and durable article is produced.

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.

A represents the paper; B, the wire-cloth; and C, the woven fibrous material. The inner sides of the paper 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 paper.

The materials thus combined form a fabric which possesses several advantages when used for the seats and backs of chairs, and for similar purposes. It is made at comparatively

slight cost, as the materials are cheap; the wire-cloth gives it great strength, and yet is sufficiently flexible; the woven fibrous material protects the wire-cloth from corrosion, and, with the glue, causes the layers to adhere tenaciously and firmly, and gives the requisite stiffness to the fabric.

The paper may be of any suitable description, preference being given to that of a thick tough character. The woven fibrous material may be cloth made from wool, cotton, hemp, flax, or any other suitable animal or vegetable fibrous substance. The paper occupies the upper or exposed surface, and may be varnished or painted to render it impervious to atmospheric influences.

When used for chair seats or backs the fabric may be attached to the frame by nails or double-pointed tacks, by a wire lacing, or in any other suitable manner.

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

As a new article of manufacture, a chair seat or back in which is combined a sheet of paper, A, sheet B of wire-cloth, and a sheet, C, of woven fibrous material, the wire-cloth being interposed between the paper and woven fibrous material, all substantially as described.

CHARLES BROWN.

Witnesses:

HENRY T. BROWN,
MICHAEL RYAN.