

H. BJORKMAN & C. J. LAGERGREN.

Improvement in Chair-Seats.

No. 132,431.

Patented Oct. 22, 1872.

Fig. 1.

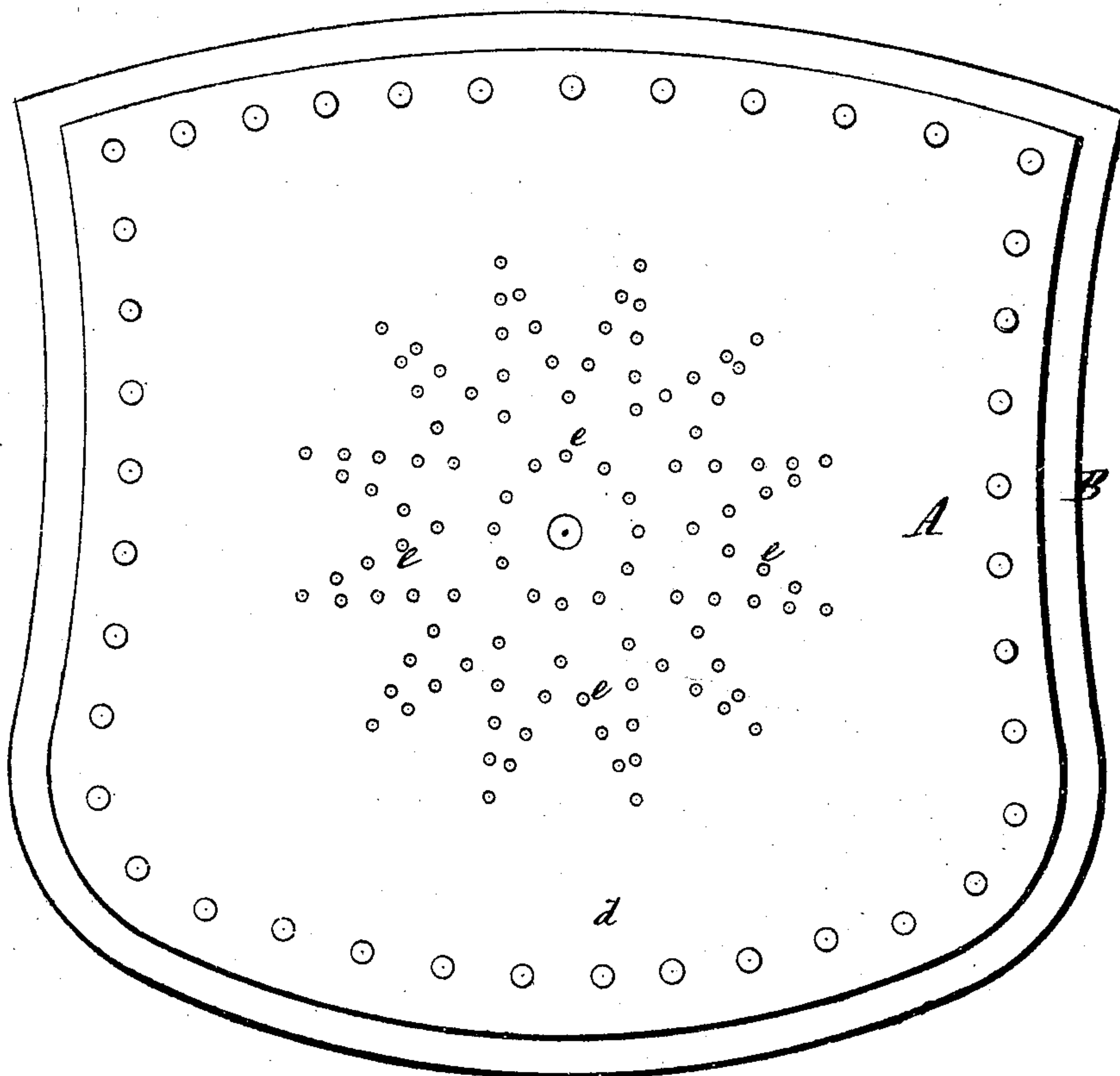


Fig. 2.

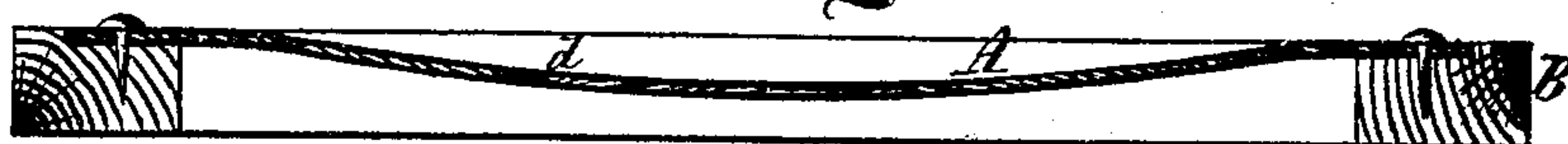
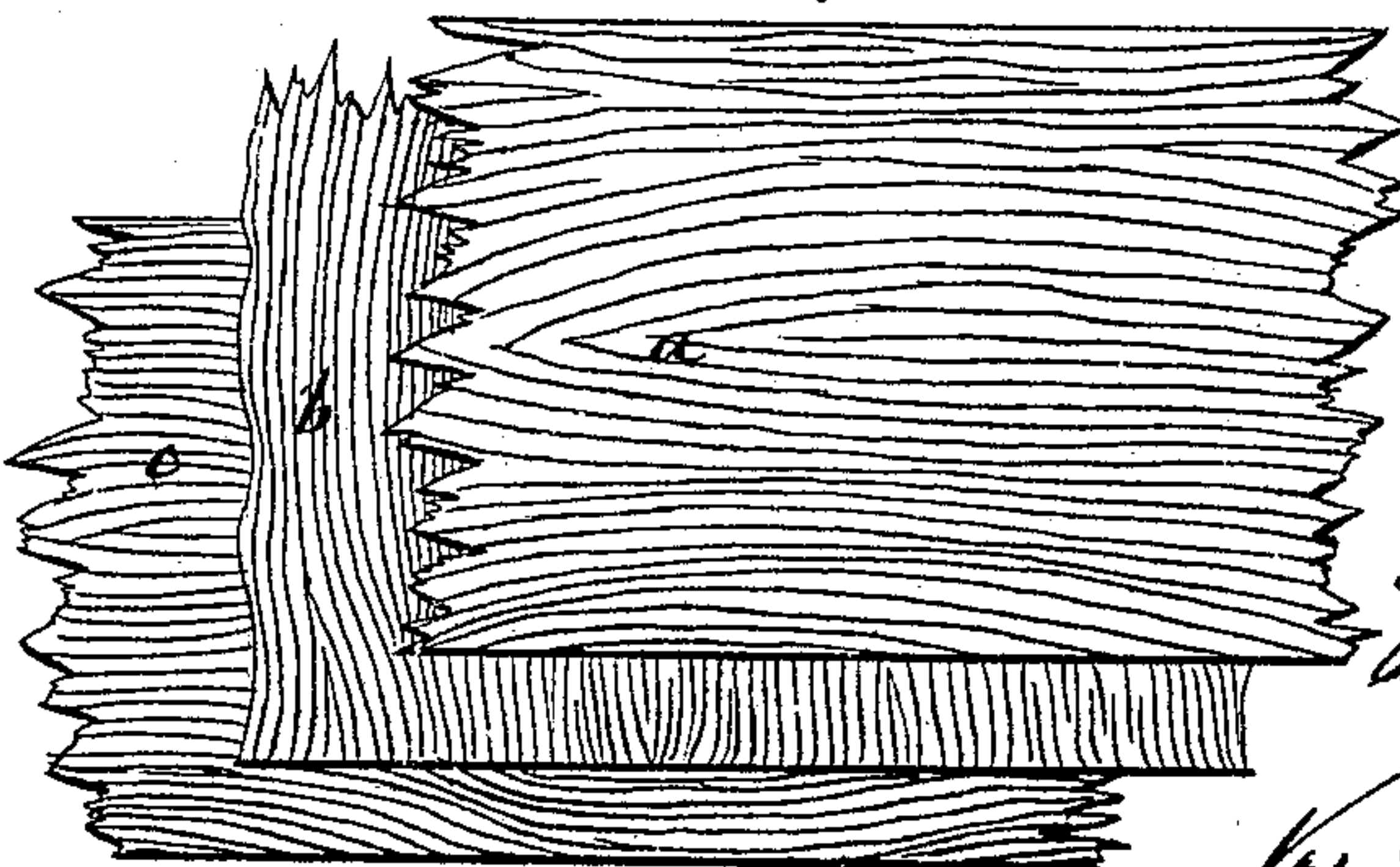


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

HENRY BJORKMAN AND CHARLES JOHN LAGERGREN, OF GLEN GARDNER,
NEW JERSEY.

IMPROVEMENT IN CHAIR-SEATS.

Specification forming part of Letters Patent No. **132,431**, dated October 22, 1872.

To all whom it may concern:

Be it known that we, HENRY BJORKMAN and CHARLES JOHN LAGERGREN, both of Glen Gardner, in the county of Hunterdon and State of New Jersey, have invented a new and useful Improvement in Chair-Seats; and we do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a plan or top view of our invention; Fig. 2 is a transverse vertical section of the same; and Fig. 3 is a partial sectional plan of the same.

Similar letters indicate corresponding parts.

This invention consists in a chair-seat made of three layers of veneers glued together, with their fibers running in different directions, then pressed in the required shape, covered with cloth, and secured to a suitable frame in such a manner that a light, cheap, durable, convenient, and handsome seat is produced.

In the drawing, the letter A designates our seat, which is composed of three layers, *a b c*, of veneers and a layer or covering, *d*, of cloth. The veneers *a b c*, (see Fig. 3,) are glued one on the top of the other, with their fibers running in different directions, whereby the strength and durability of the seat are materially increased. After the veneers have been glued together, the seat is cut out in the desired form or shape by means of dies or by a scroll-saw, and it is then pressed to the form shown in Fig. 2. The surface of the seat thus

prepared is finally covered with cloth, so as to impart to the article a comfortable appearance, and finally the whole seat is perforated with a number of holes, *e*, whereby the elasticity of the article is increased, and its liability to crack from changes in the atmosphere is diminished. The seat A, prepared as above described, is secured to a frame, B, by tacks, or in any other desirable manner.

We do not claim broadly a chair-seat made of layers of veneers, having an interposed layer of textile material, for the purpose of strengthening the seat.

By our construction, hereinbefore specified, we are enabled to furnish the public a chair-seat which is attractive, ornamental, and by the use of a covering conceal from view all imperfections in the surface of the veneer, and at the same time produce a seat that will not injure the clothing of persons who use the same.

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

In a chair-bottom, the arrangement of the veneers *a b c*, each glued upon the other in the order named, cut and pressed, in the manner specified, into the shape shown, and covered with a textile fabric and adapted to a chair, substantially as described.

This specification signed by us this 16th day of September, 1872.

HENRY BJORKMAN.
C. J. LAGERGREN.

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.