

F. G. JOHNSON.
Chair Backs and Bottoms.

No. 210,426.

Patented Dec. 3, 1878.

Fig. 1.

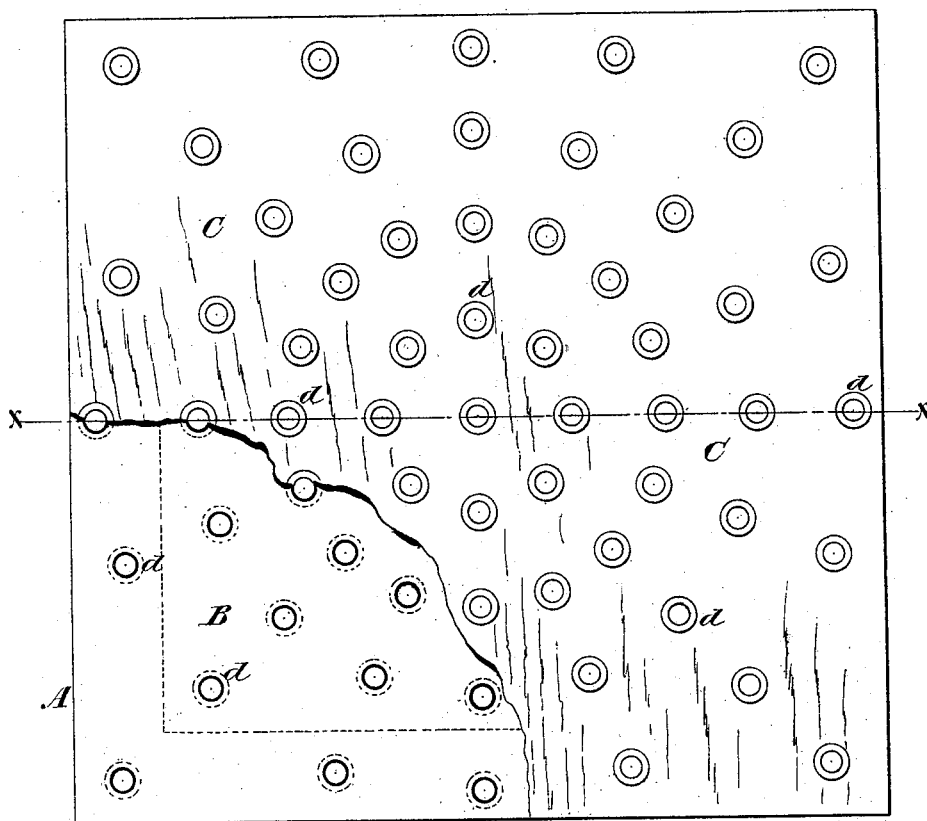


Fig. 2.



Witnesses.

Ernest C. Malcom,
C. R. Lund.

Inventor:

Frank G. Johnson.

UNITED STATES PATENT OFFICE.

FRANK G. JOHNSON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN CHAIR BACKS AND BOTTOMS.

Specification forming part of Letters Patent No. **210,426**, dated December 3, 1878; application filed April 30, 1878.

To all whom it may concern:

Be it known that I, FRANK G. JOHNSON, of the city of Brooklyn, county of Kings, and State of New York, have invented new and useful Improvements in Chair Backs and Bottoms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 2 is a section cut through the line *x x* in Fig. 1.

The nature and object of my invention consist in uniting wood and iron, or other suitable metal, together in such a manner as to secure a structure for chair-bottoms and chair-backs, settees, &c., that will combine strength, lightness, and flexibility.

The construction is as follows: I employ a sheet of thin wood for the upper surface or portion of the seat, (shown by *C C*), a portion of which is cut away in Fig. 1. This board

or sheet of wood is, or should be, about three-sixteenths of an inch thick. On the lower surface of this board or sheet of wood is securely fastened a thin sheet of iron or other metal, (shown by *B B*.) These two sheets are firmly and securely held and bound together, at near intervals, by means of metallic eyelets *d d d*. The eyelets serve not only to bind the wood and iron together, but to perforate the seat, and, by placing the eyelets in suitable lines, to ornament the chair-bottom.

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

The chair-bottom herein described, consisting of the upper wood sheet and lower metal sheet, both being perforated and fastened together by eyelets, as and for the purpose set forth.

FRANK G. JOHNSON.

Witnesses:

E. G. LUND,
ERNEST E. MALMAR.