

(No Model.)

E. T. WADE.
CHAIR BOTTOM.

No. 366,048.

Patented July 5, 1887.

Fig. 1.

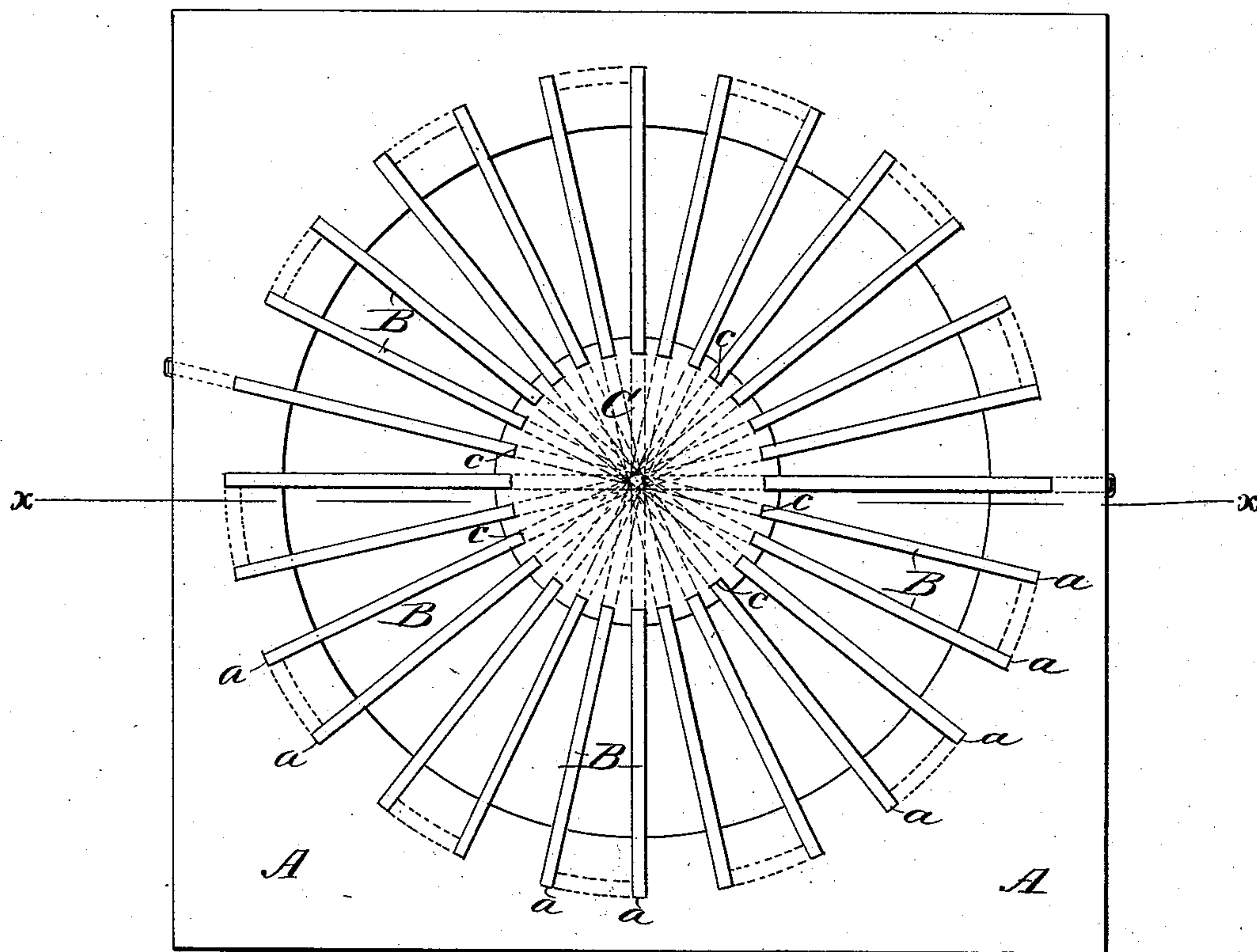
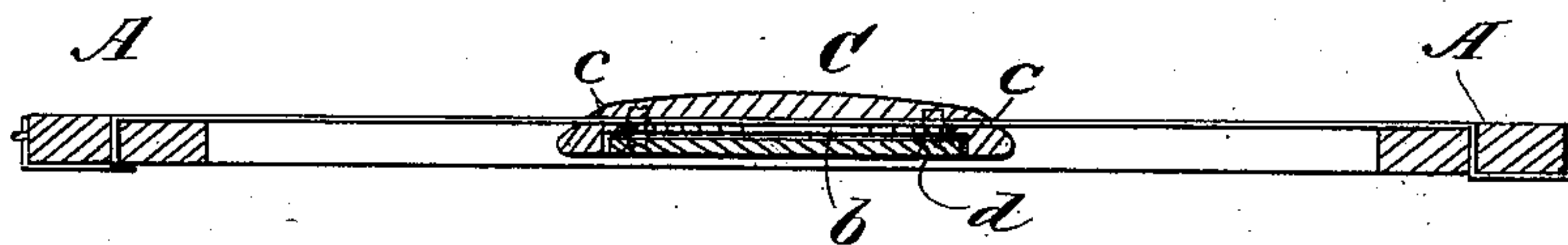


Fig. 2.



WITNESSES:

Francis McArdle
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INVENTOR:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDWIN T. WADE, OF WESSON, MISSISSIPPI, ASSIGNOR TO HIMSELF AND
T. A. LEE, OF SAME PLACE.

CHAIR-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 366,048, dated July 5, 1887.

Application filed March 30, 1887. Serial No. 233,025. (No model.)

To all whom it may concern:

Be it known that I, EDWIN T. WADE, of Wesson, in the county of Copiah and State of Mississippi, have invented a new and Improved Chair-Bottom, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a plan view of my improved chair-bottom, and Fig. 2 is a transverse section taken on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts in both views.

My invention consists in the combination, with a frame having the form required for the chair-bottom, of wire inserted in apertures in the frame and extending across the opening thereof at different angles, and crossing at the center of the seat, and a central disk adapted to inclose the crossed portions of the wire, all as hereinafter more fully described.

The frame A, which is preferably made of wood, in the present case is made rectangular upon the outside and circular in the inside, and at uniform distances from the inner edge of the frame and from each other are made holes *a*, for receiving the wire of which the central portion of the bottom is formed. The wire B, beginning at one of the holes *a* on the under side of the seat, passes upward through one of the holes, then diametrically across the opening of the frame to the opposite hole *a*, thence downward through the frame A, then laterally to the adjacent hole *a*, then upward and across the opening of the frame diametrically to the hole *a* in the opposite side of the frame, then downward, and so on, the wire being thus carried across the opening of the frame until the chair-bottom is completed. When the crossed portion of the wire is ob-

jectionable, I provide a disk, C, having a cavity, *b*, in the under side thereof, and with radial apertures *c*, corresponding in number with the strands of the wire of which the central portion of the chair-bottom is to be formed. The wire, as it is carried back and forth across the frame A, is carried through the apertures *c* and crossed within the cavity *b*, as shown in Fig. 1. The cavity *b* is closed by a cap, *d*.

Either round or flat wire may be used in the construction of the chair-bottom, and the disk C may be made of any suitable material—such as nickel-plate, brass, celluloid, or wood. The wire may be tinned, japanned, or nickel-plated, according to the quality of the work desired. The apertures of the frame A may be made either circular, square, or of any other desired shape. In some of the finer grades of chairs silk cords may be substituted for the wires.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A chair-bottom having a central opening, a circular series of apertures, *a*, around the central opening, and a continuous wire, B, extending across the central opening and through the apertures *a*, all of the strands crossing each other at the center of the opening, substantially as set forth.

2. As an improved article of manufacture, a chair-bottom formed of the frame A, provided with apertures *a*, the continuous wire B, and the disk C, having the cavity *b* and cap *d*, substantially as described.

EDWIN T. WADE.

Witnesses:

CHARLES A. HAMILTON,
WILLIAM HALLAM.