

(No Model.)

H. WIDDICOMB.

CONSTRUCTION OF CURVED AND VENEERED PANELS.

No. 532,932.

Patented Jan. 22, 1895.

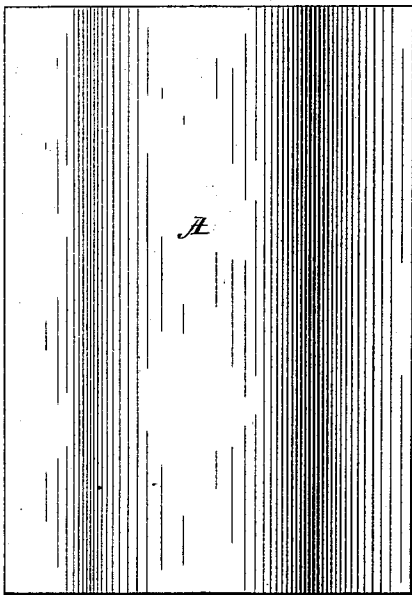


Fig. 1.

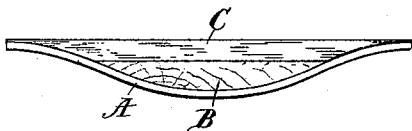


Fig. 3.

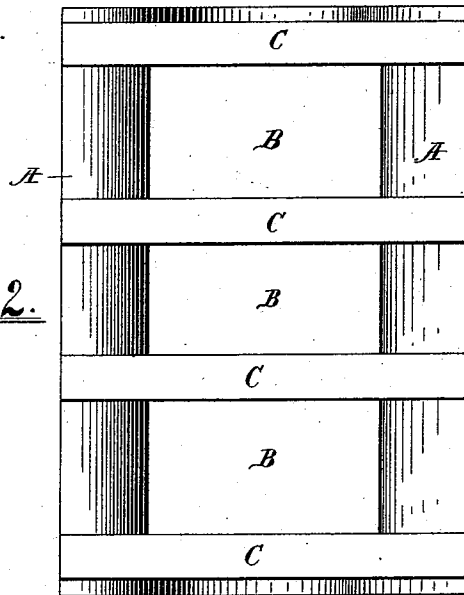


Fig. 2.

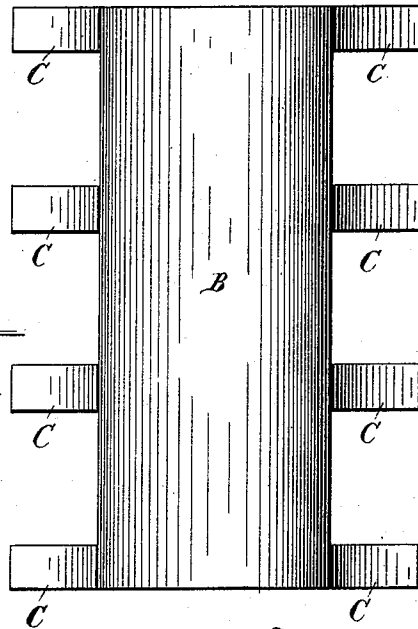


Fig. 4.

Witnesses
Lewis C. W. Mander
Low Moulton

Inventor
Harry Widdicomb
By Attorney
Euthen V. Moulton

UNITED STATES PATENT OFFICE.

HARRY WIDDICOMB, OF GRAND RAPIDS, MICHIGAN.

CONSTRUCTION OF CURVED AND VENEERED PANELS.

SPECIFICATION forming part of Letters Patent No. 532,932, dated January 22, 1895.

Application filed November 19, 1894. Serial No. 529,330. (No model.)

To all whom it may concern:

Be it known that I, HARRY WIDDICOMB, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful improvements in the Construction of Curved and Veneer Panels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved method of constructing curved and veneered panels, and its object is to provide the same with certain new and useful features hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a front elevation of a device embodying my invention; Fig. 2, a rear elevation of the same; Fig. 3, an end view of the same, and Fig. 4 a detail of the frame-work of the panel.

Like letters refer to like parts in all of the figures.

A is the panel proper, which is preferably made of veneer, so that it may be easily bent into the shape desired.

B is a longitudinal strip having a convex surface to support the middle convex portion of the panel A.

C, C, &c., are a series of transverse bars having concave ends. Said bars C are secured transversely to said strip B, and extend beyond its edges to the extent of the concave sides of said panel A, so that said concaves in said bars C and convex surface of said strip B will form a continuous curved support for the panel A, and to which it is secured. Said strip B forms a rigid backing for the center of the panel throughout its entire length, and the concave ends of the bars C form at short intervals rigid backing strips for the remainder of said panel.

By this construction I am enabled to finish the panel in the flat and afterward secure it to the described frame thus greatly facilitating the sanding of the same as it may be done with an ordinary sanding machine; and also to provide a very rigid durable panel, not easily crushed, or split. Such panels are especially adapted to form the ends of certain articles of furniture such as bureaus, dressing cases, commodes and the like; and are also obviously useful in various other structures where curved surfaces are required.

What I claim is—

1. In combination, transverse bars, a longitudinal convex strip secured thereto, and a curved panel secured to said strip and bars, substantially as described.

2. In a curved panel, a longitudinal strip forming a backing for said panel, and transverse bars having curved ends secured to said panel and strip, substantially as described.

3. As an article of manufacture, a curved panel, a longitudinal strip, having a curved surface beneath the middle of said panel, and transverse bars having curved ends beneath the sides of said panel and supporting the same, substantially as described.

4. A supporting frame for a convex panel, consisting of a longitudinal strip having a convex side to engage and support the middle of the panel and transverse bars attached to said strip having their ends extended beyond the sides of said strip to engage and support the edges of said panel, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY WIDDICOMB.

Witnesses:

LUTHER V. MOULTON,
LEWIS E. FLANDERS.