

F. ZUENKELER.
WOODEN-BOXES.

No. 195,871.

Patented Oct. 2, 1877

Fig. 1

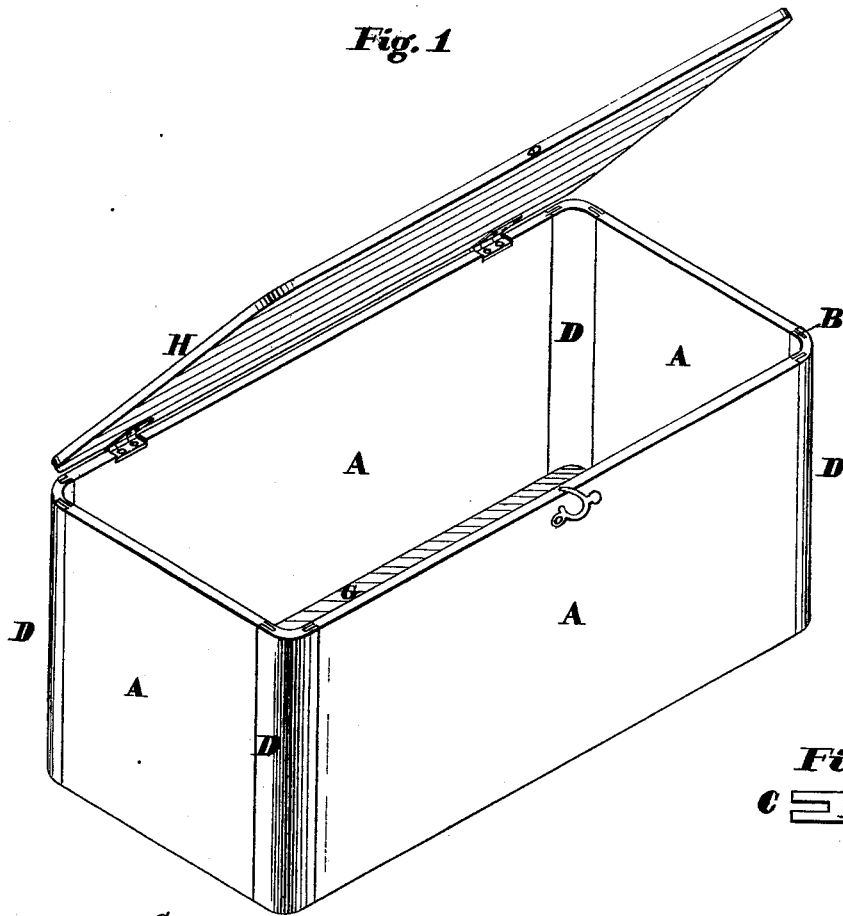


Fig. 4

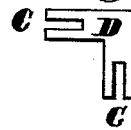


Fig. 3

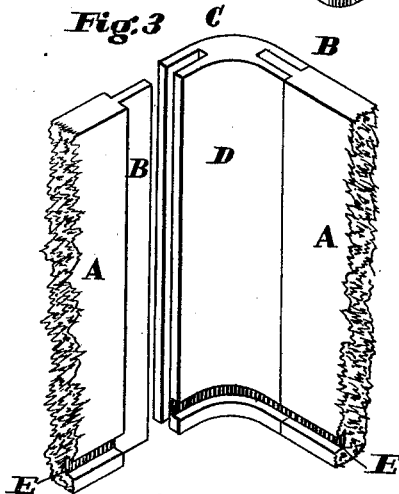


Fig. 2

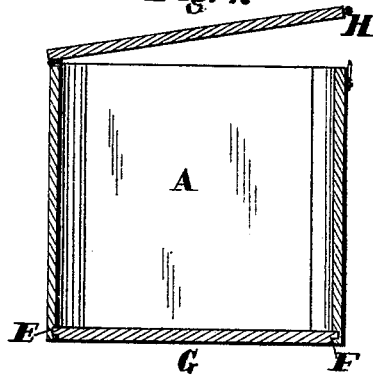


Fig. 5



Witnesses.
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FERDINAND ZUENKELER, OF CINCINNATI, OHIO.

IMPROVEMENT IN WOODEN BOXES.

Specification forming part of Letters Patent No. **195,871**, dated October 2, 1877; application filed September 13, 1877.

To all whom it may concern:

Be it known that I, FERDINAND ZUENKELER, of Cincinnati, Hamilton county, Ohio, have invented an Improvement in Wooden Boxes, of which the following is a specification:

The object of my invention is substantially the same as that for which Letters Patent No. 188,720 were granted to me March 20, 1877—namely, a box that can be manufactured entirely by machinery, and without the use of nails.

In the accompanying drawings, Figure 1 is a perspective view of my box with the lid partially open. Fig. 2 is a transverse section of same. Fig. 3 is an inside view of one of the corners of the box, and Figs. 4 and 5 show different forms of corner-pieces.

A represents the sides and ends of my box, having tongues B cut on their ends for the purpose of fitting into the grooves C in the edges of the corner-pieces D. These corners have a horizontal croze, E, near the bottom, as have also the sides A. The bottom G of the box has a rabbeted edge, F, which occupies said croze E.

H represents the lid, which may be hinged in any suitable manner.

The corner-pieces D may be made of quarter-cylindrical shape, as shown in Fig. 3, or of square form, as in Fig. 4; or the corners may be broken, as in Fig. 5.

By this construction I am enabled to use timber of almost any length or width, as the short pieces can be made into ends, and two or more narrow pieces may go to make up a side.

I claim—

As a new article of manufacture, the box having the side and end pieces A tongued at their ends, and correspondingly-grooved corner-pieces D, both having croze E, for the reception of the rabbeted bottom G.

In testimony of which invention I hereunto set my hand.

FERD. ZUENKELER.

Attest:

WALTER KNIGHT,
GEORGE H. KOLKER.