

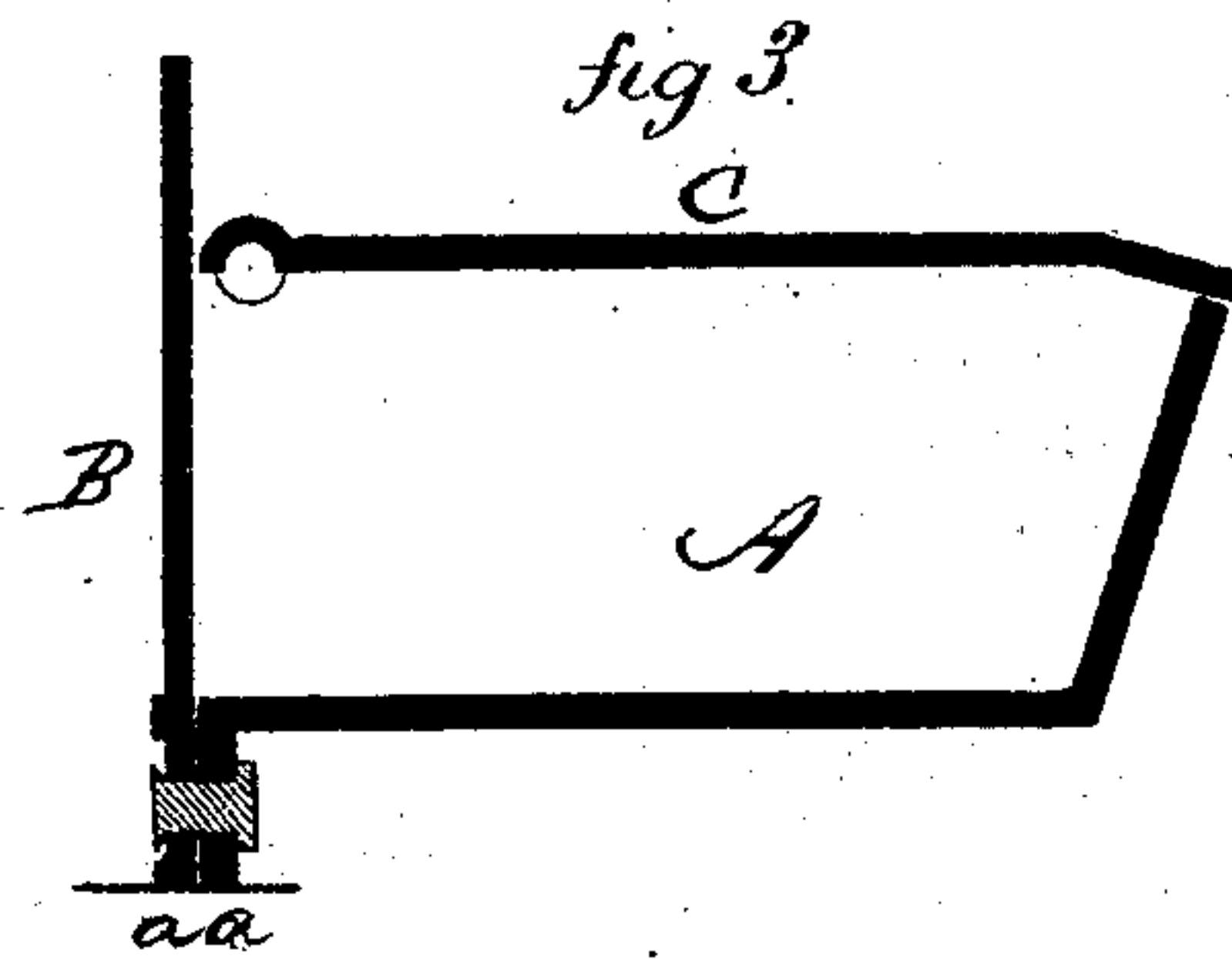
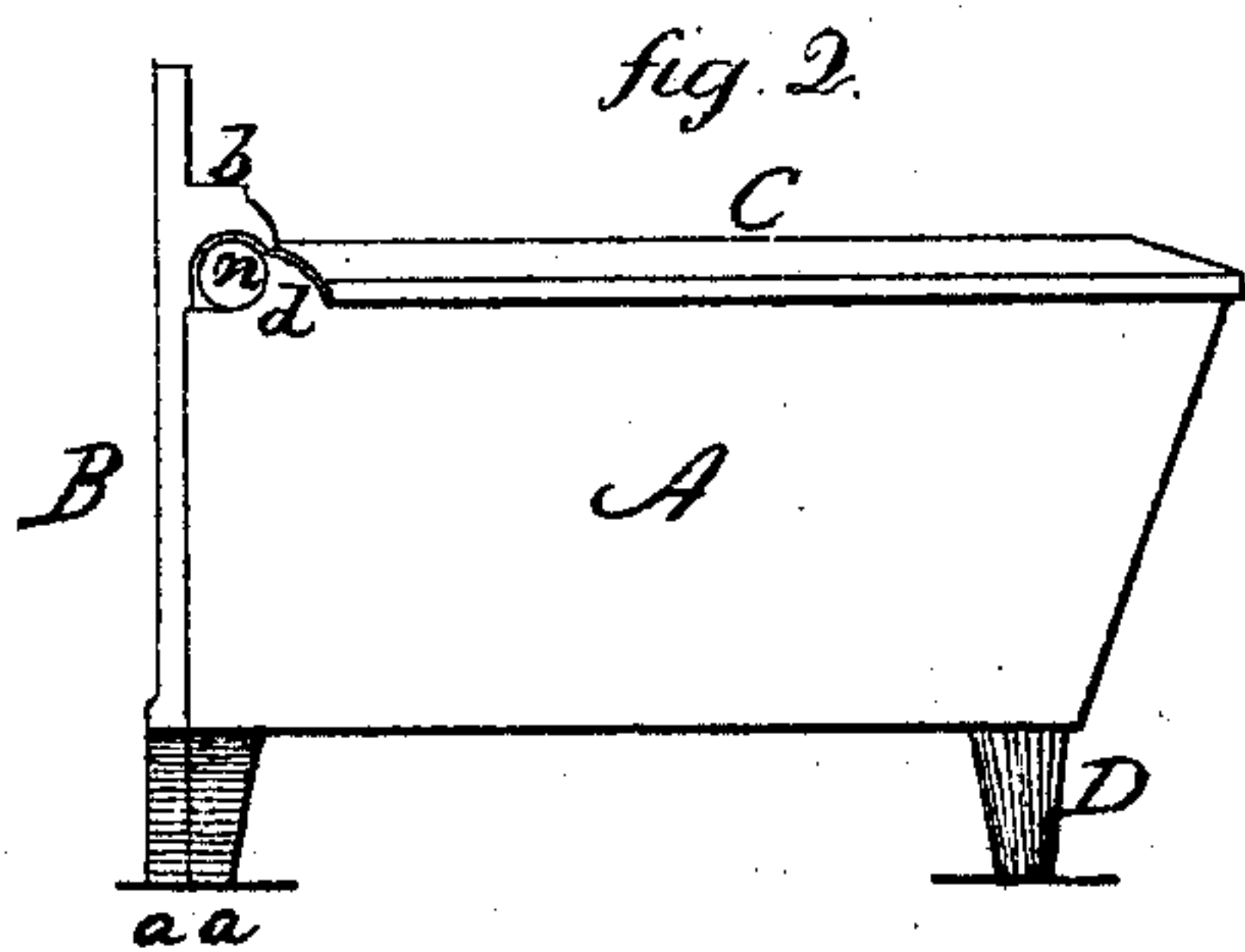
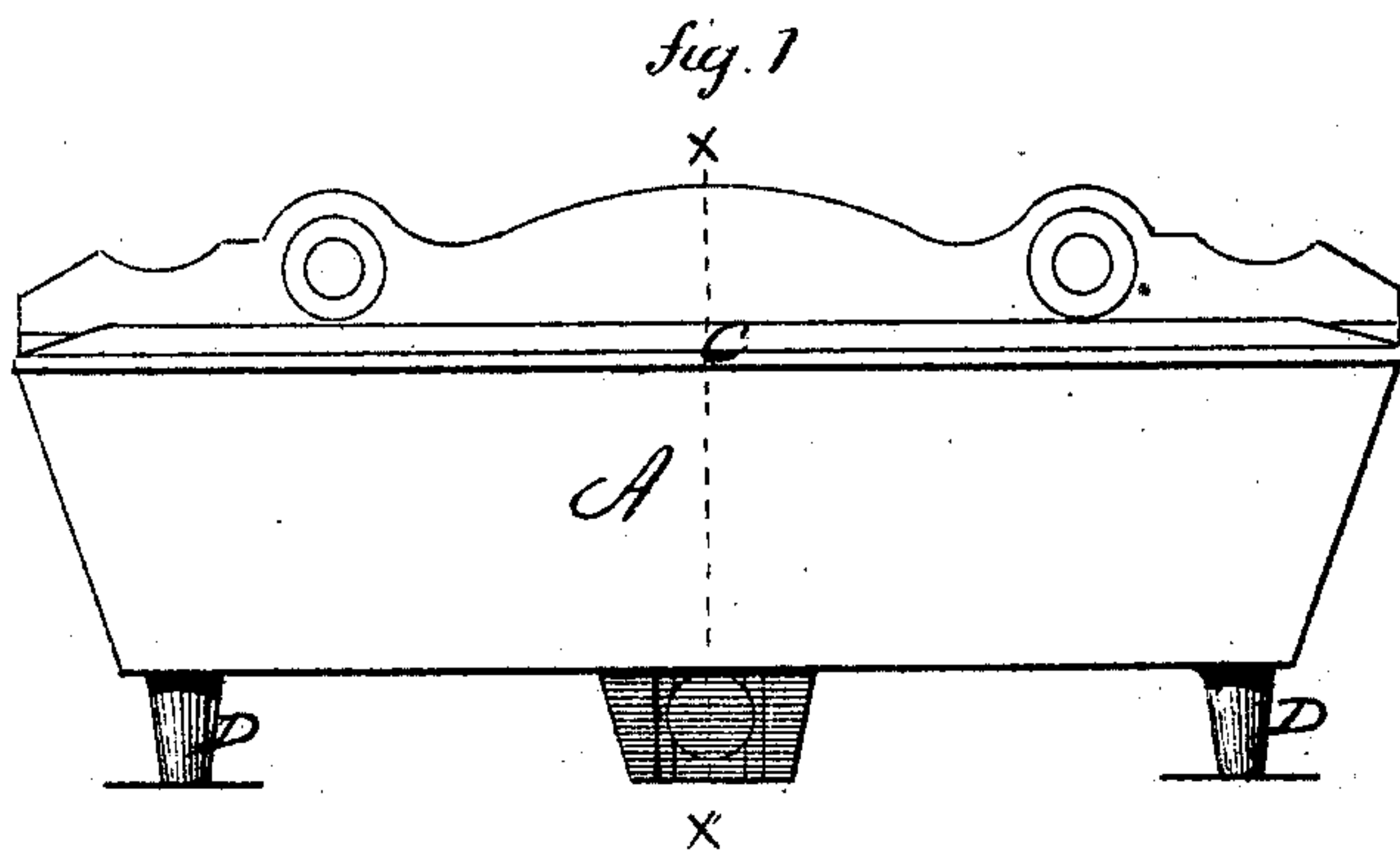
(90.)

A. D. JUDD.

Match Box.

No. 122,836.

Patented Jan. 16, 1872.



Witnesses.

*J. W. Shumway*  
*A. J. Tibbitts*

*Albert D Judd*  
*Inventor*

*By his Atty.*

*Thos. E. Earle*

# UNITED STATES PATENT OFFICE.

ALBERT D. JUDD, OF NEW HAVEN, CONNECTICUT.

## IMPROVEMENT IN MATCH-BOXES.

Specification forming part of Letters Patent No. 122,836, dated January 16, 1872.

*To all whom it may concern:*

Be it known that I, ALBERT D. JUDD, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Match-Boxes; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification and represents, in—

Figure 1, a front view; Fig. 2, an end view; and in Fig. 3, a section on line *x x*.

This invention relates to an improvement in that class of match-boxes which are provided with a swinging or hinged cover; and consists in the peculiar manner hereinafter described of forming the hinged connection between the box and cover.

A is the box proper; C, the cover; B, the back. The back is made separate from the box, and each formed with a corresponding ear or lug, *a a*, upon the bottom, so that when set together and a rivet inserted through the two they are firmly secured together and made as one piece. On each end of the box, in the process of casting, I form a lug, *d*, and on the back, at each end, another lug, *b*, as seen in

Fig. 2, so that when set together the space between the lugs corresponds to a trunnion, *n*, on the end of the cover.

Previous to securing the back to the box the cover is placed in position, the trunnion *n* set onto the lug *d*, then the back placed in position, the lug *b* covering the trunnion, so that when secured together, as before described, the two lugs *b d* form a bearing for the trunnion to allow the cover to swing freely.

The great advantage of this construction is, that I am enabled to cast the parts complete, so as to be set together without the necessary finishing or tool-work of any character, other than that of setting the rivet.

As a convenience for setting the box upon a shelf or in any other position, I form, upon the front, legs D corresponding in height to the lugs *a* in the rear.

I claim as my invention—

The herein-described match-box, consisting of the box A, back B, and cover C, constructed and united together substantially in the manner specified.

ALBERT D. JUDD.

Witnesses:

A. J. TIBBITS,  
J. H. SHUMWAY.

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