

(No Model.)

J. A. CRANDALL.  
Toy Molding Apparatus.

No. 232,599.

Patented Sept. 28, 1880.

Fig: 1

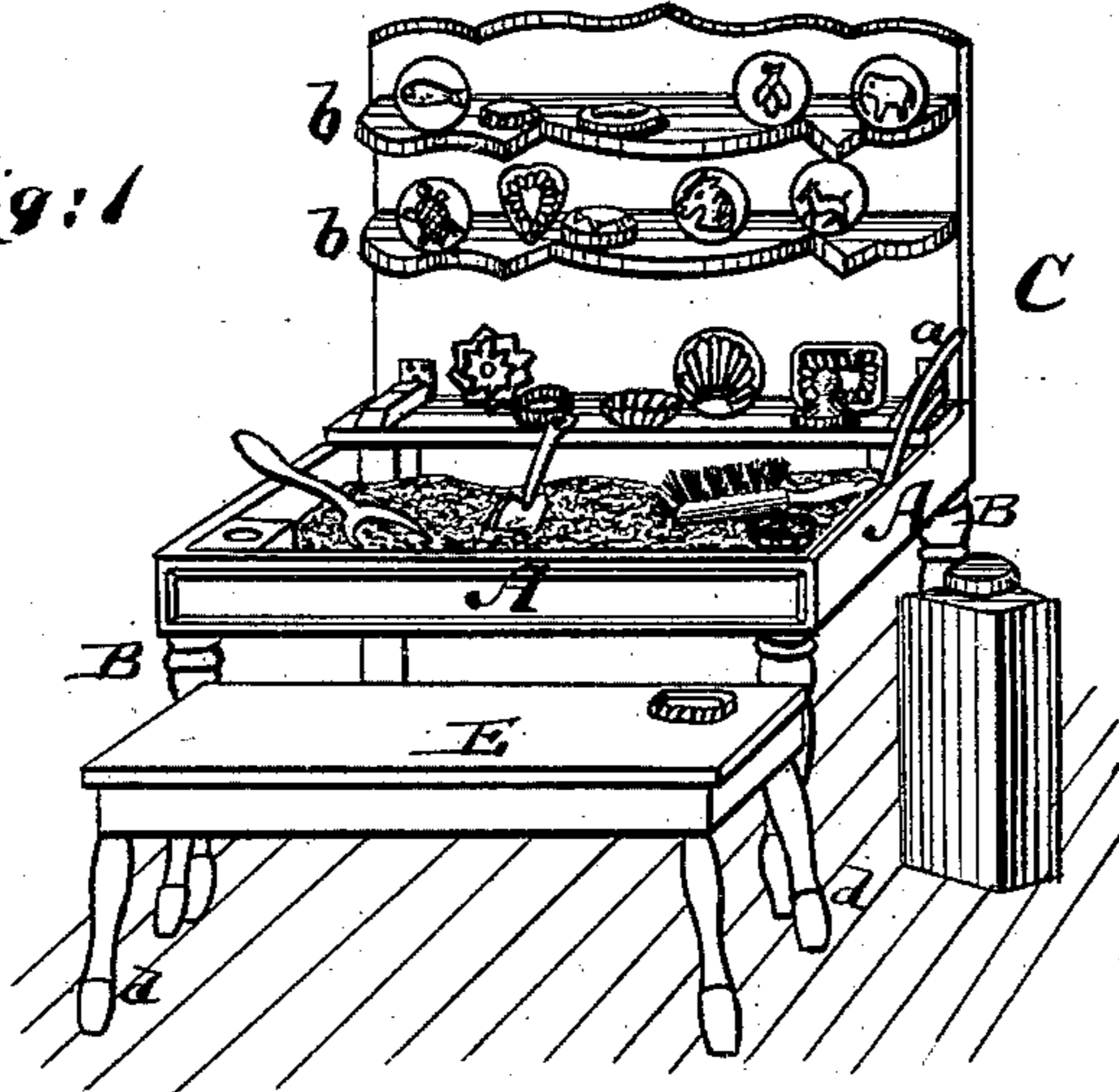


Fig: 2

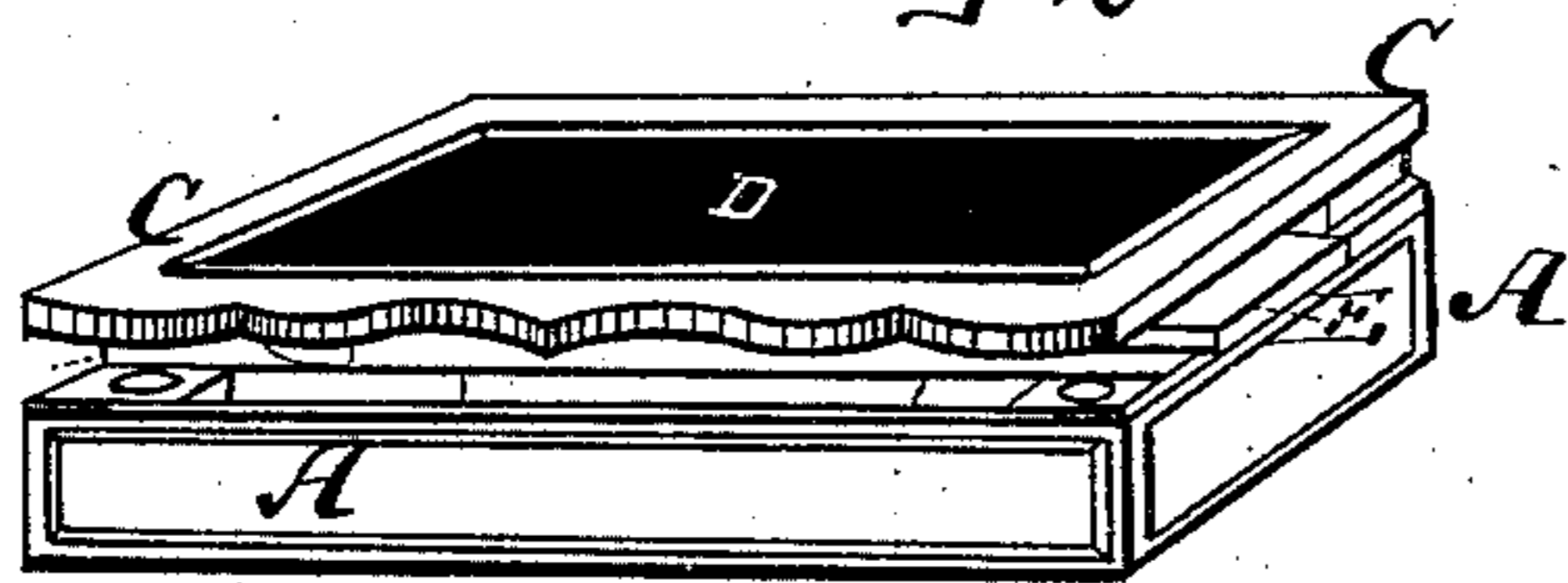
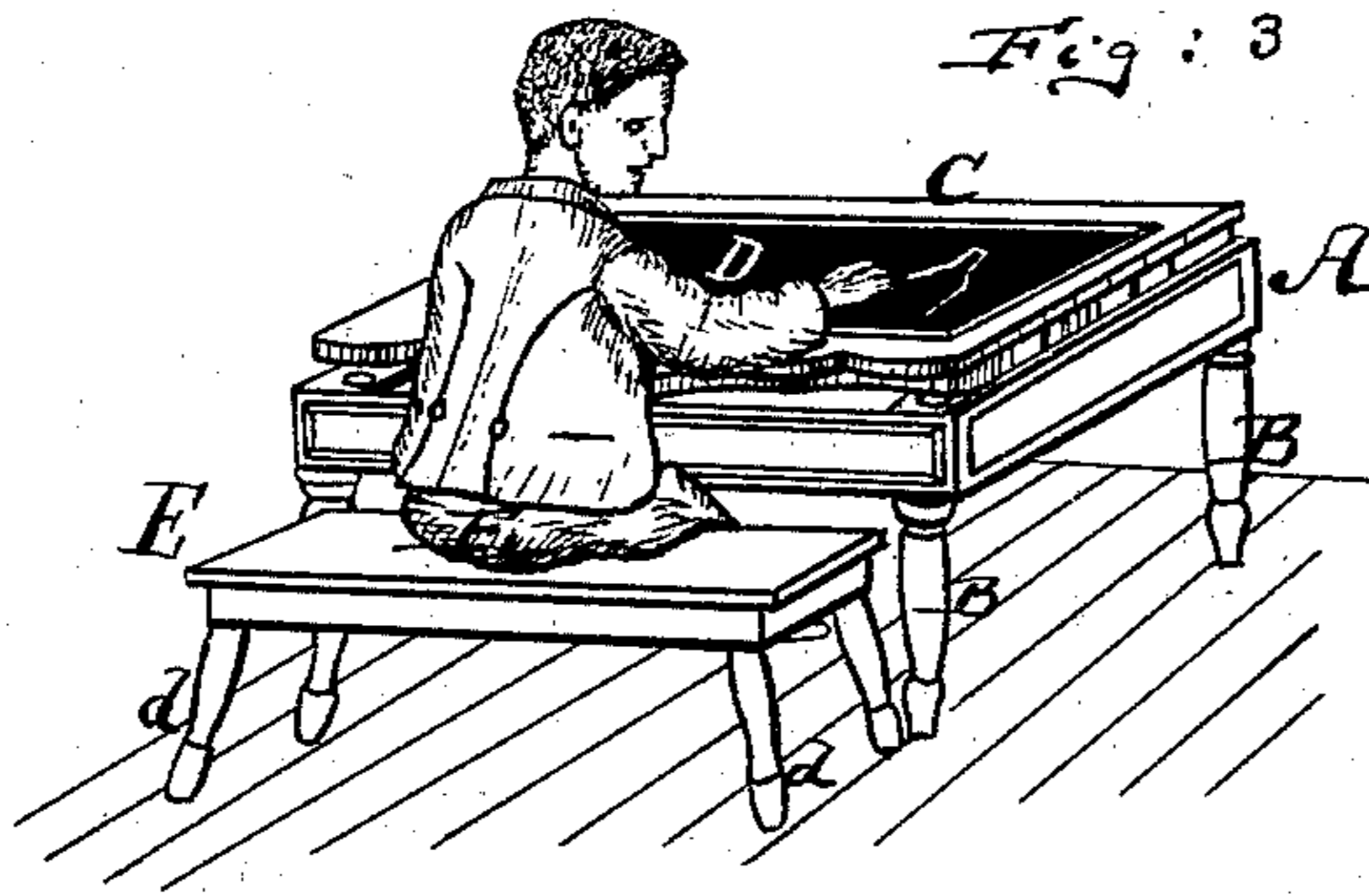


Fig: 3



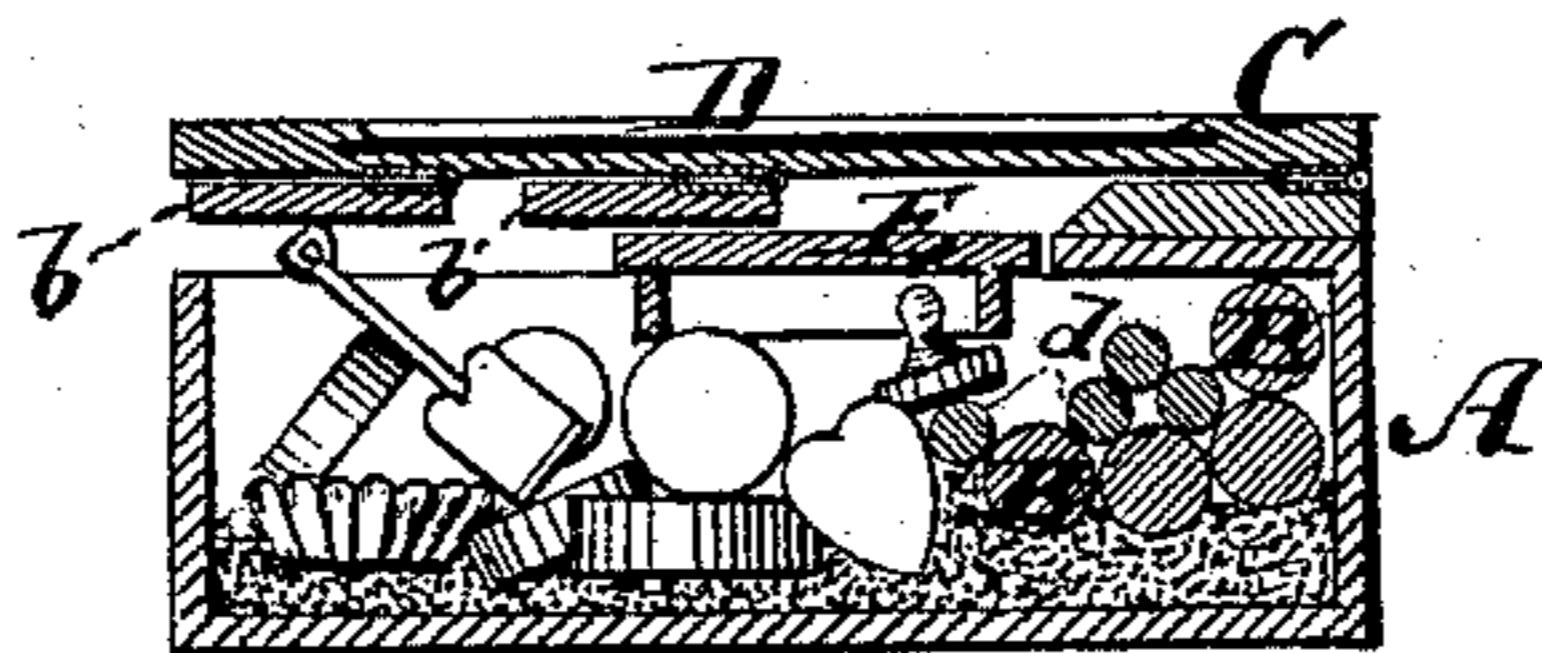
Witnesses:

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Inventor:

Jesse A. Crandall  
by his attorney  
A. B. Briesen

Fig: 4



# UNITED STATES PATENT OFFICE.

JESSE A. CRANDALL, OF BROOKLYN, NEW YORK.

## TOY MOLDING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 232,599, dated September 28, 1880.

Application filed May 4, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, JESSE A. CRANDALL, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Toy Molding Apparatus, of which the following is a specification.

Figure 1 is a perspective view of my improved toy molding apparatus, showing it folded open for use. Fig. 2 is a perspective view thereof, showing it entirely folded together. Fig. 3 is a perspective view thereof, showing it in condition for use as a writing-table. Fig. 4 is a cross-section thereof when folded together.

This invention relates to improvements in toy molding apparatus of the class described in Letters Patent No. 211,837, and in an application filed by me January 5, 1880.

The present invention consists, first, in making the back of the box folding; second, in providing said folding back with hinged shelves; and, third, in forming a blackboard on the reverse of said folding back, all as hereinafter more fully described.

In the accompanying drawings, A represents the main box or case of the toy molding apparatus. It is supported on legs B B, that are, by preference, made removable, so that they can be placed into the box A for transportation or storage, as indicated in Figs. 2 and 4. C is the folding back, which is hinged to the box A near to the rear end thereof and extends upward therefrom. A suitable brace, *a*, may serve to hold it upright. The reverse of the back C forms a blackboard, D, as shown in Figs. 2 and 3, so that when the back is folded down upon the box A it will serve as a writing or sketching desk.

To the face of the upright back C are hinged one or more shelves, *b b*.

E is the bench on which the child may be seated while playing with the things in the box A or writing on the board D. The legs *d* of this bench are removable.

When the apparatus is to be used as a toy molding apparatus, it is put in the position shown in Fig. 1—that is to say, the back C is raised and properly braced, the shelves *b b* are let down, and the bench is in front of the box A. The child can now mold the sand in the box into suitable forms, and deposit the same and the molds on the shelves *b*.

When the apparatus is to be used as a writing-desk the shelves *b* are folded against the back C, and the latter turned down on the box A, as shown in Fig. 3.

If the apparatus is to be put entirely aside, or for transportation, the legs *d* are detached from the bench, and the legs B from the box A, and all said legs placed into said box, as in Fig. 4. The seat-board of the bench is then placed across the box A, and finally the back C let down, to serve as a cover over all, as shown in Figs. 2 and 4, thus producing a compact apparatus, easy to store or convey.

I claim—

1. The combination of the box A and hinged back C with the hinged shelves *b* on one side and with the blackboard D on the other side of said back, substantially as herein shown and described.

2. The combination of the box A and hinged back C with the blackboard D, formed on the reverse of said hinged back, substantially as herein shown and described.

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Witnesses:

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