

(No Model.)

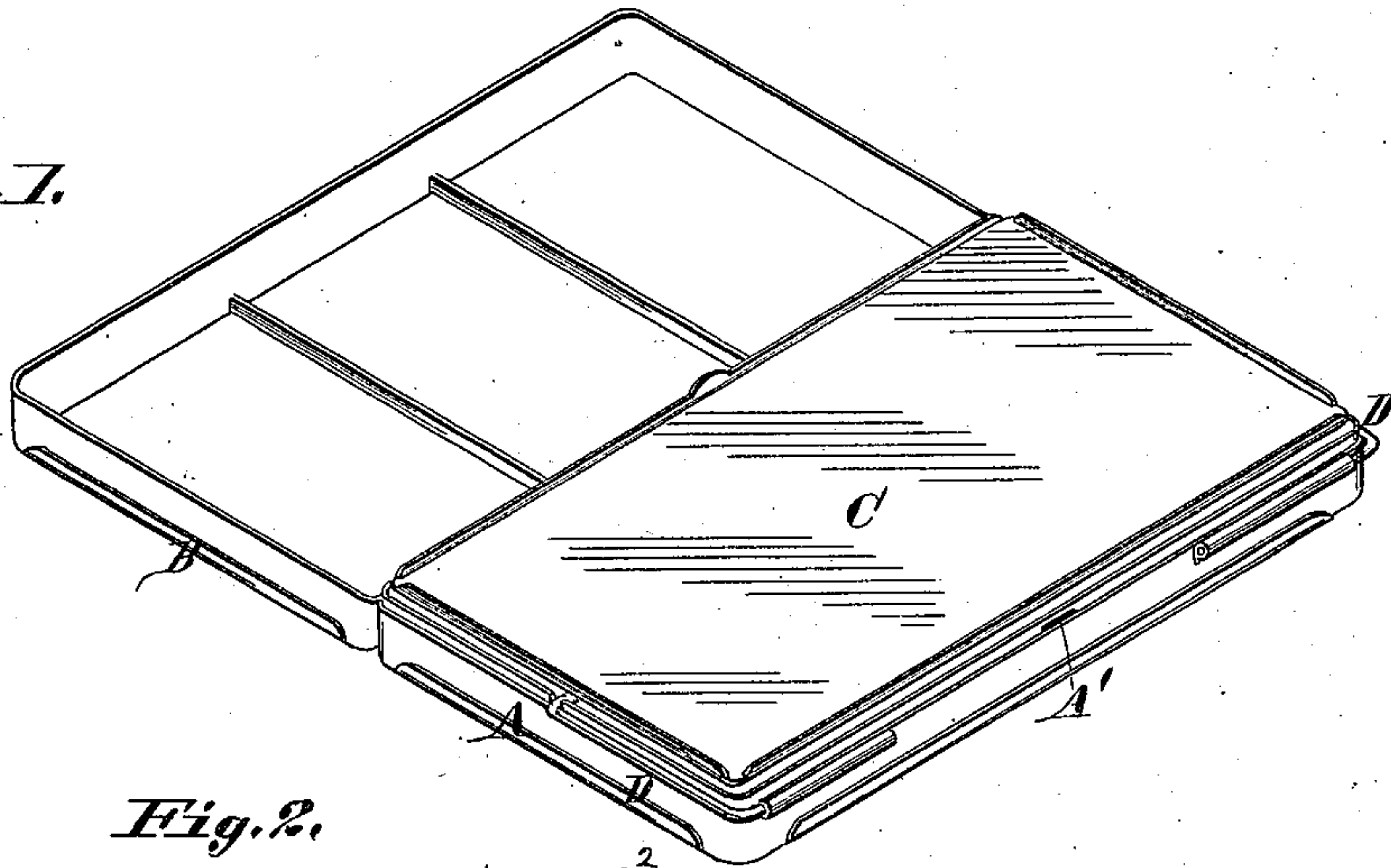
F. E. HEINIG.

PAINT BOX.

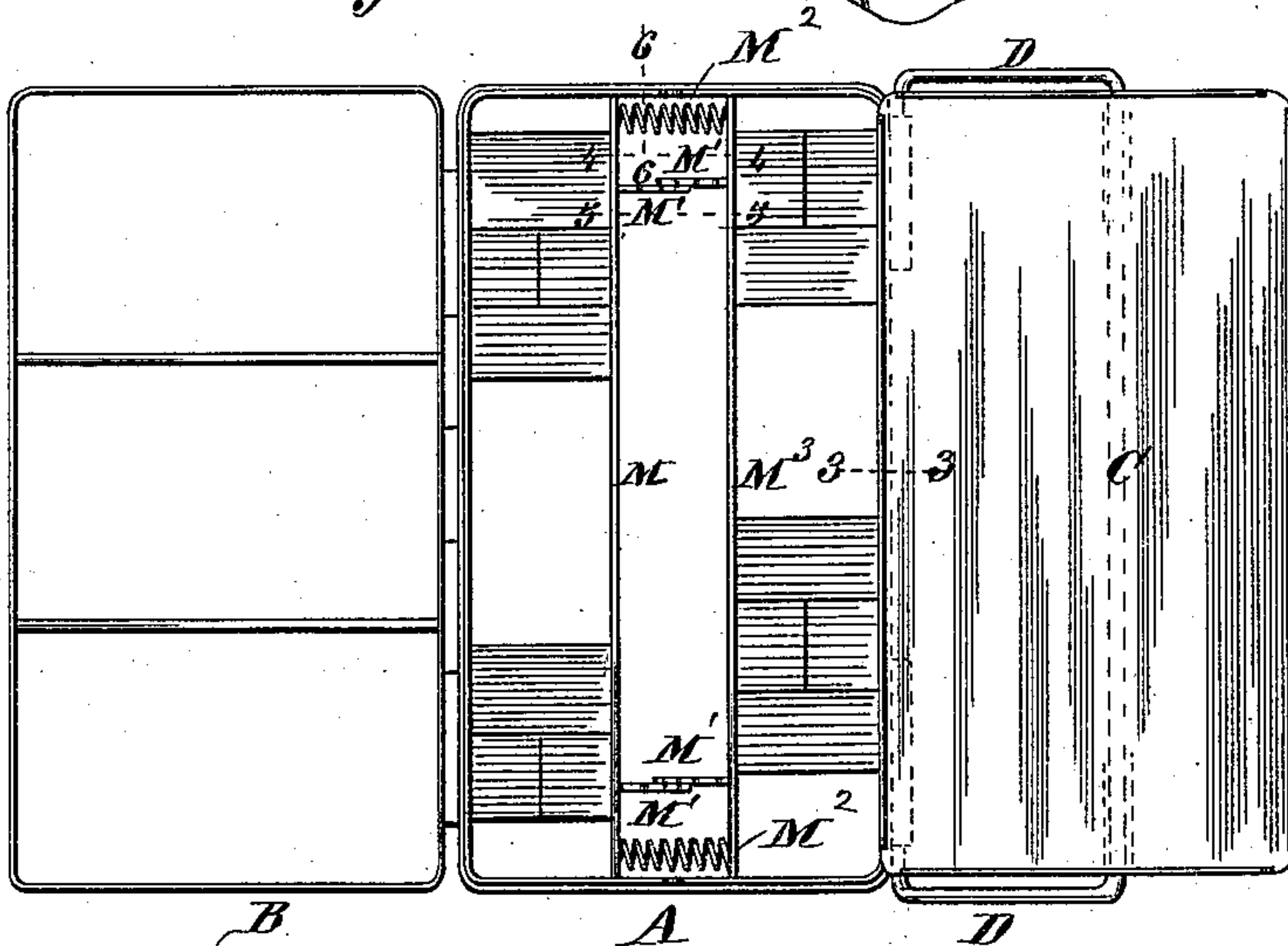
No. 363,894.

Patented May 31, 1887.

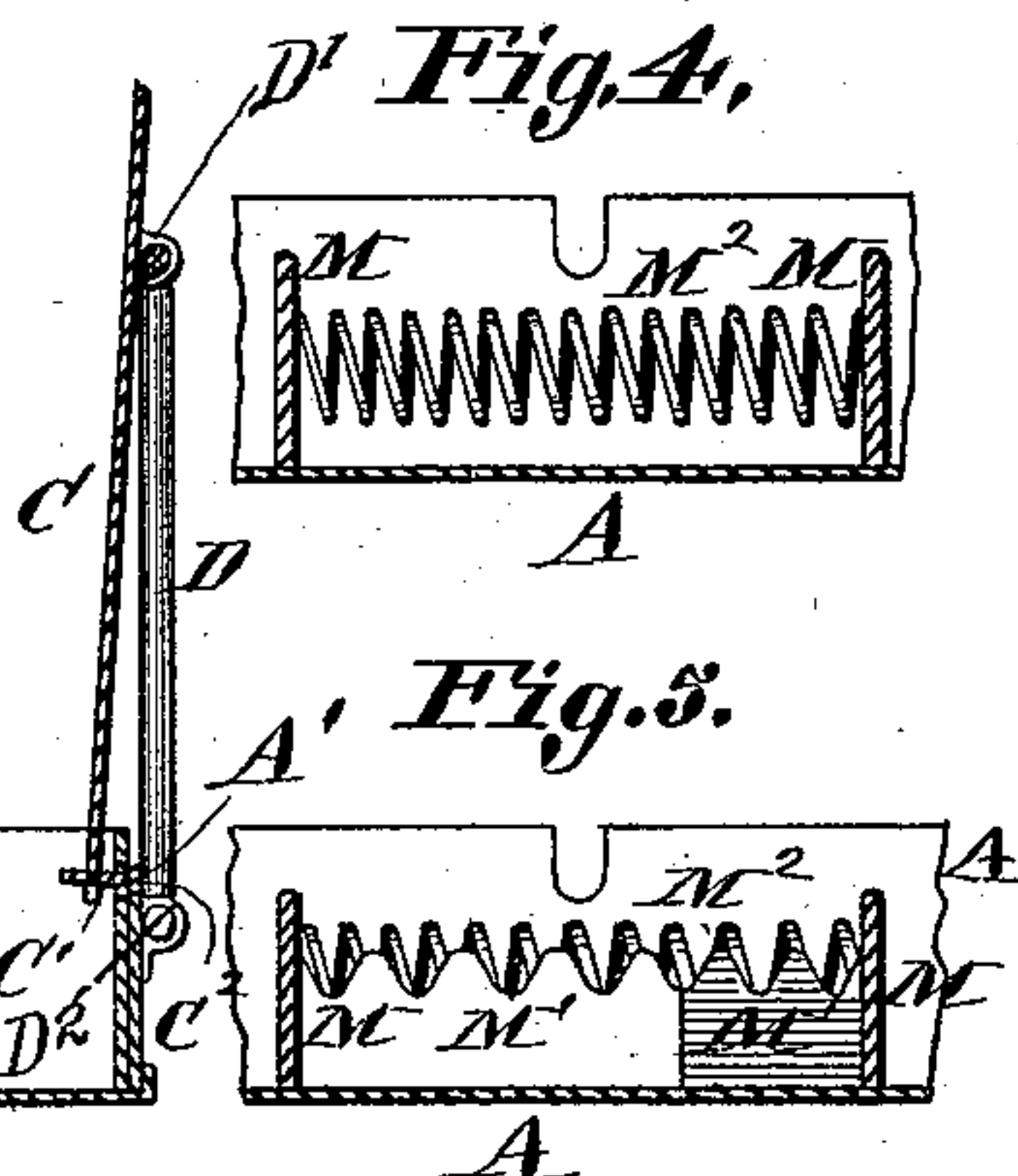
*Fig. 1.*



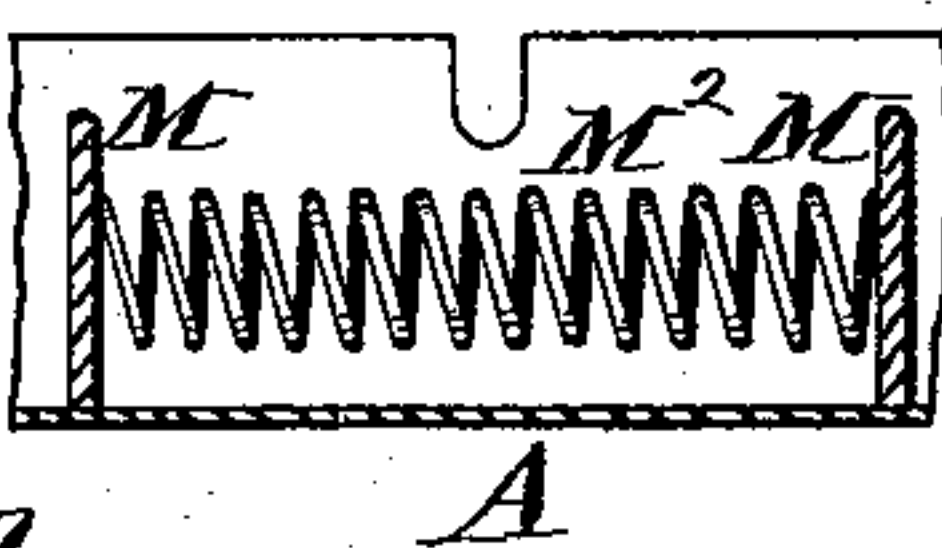
*Fig. 2.*



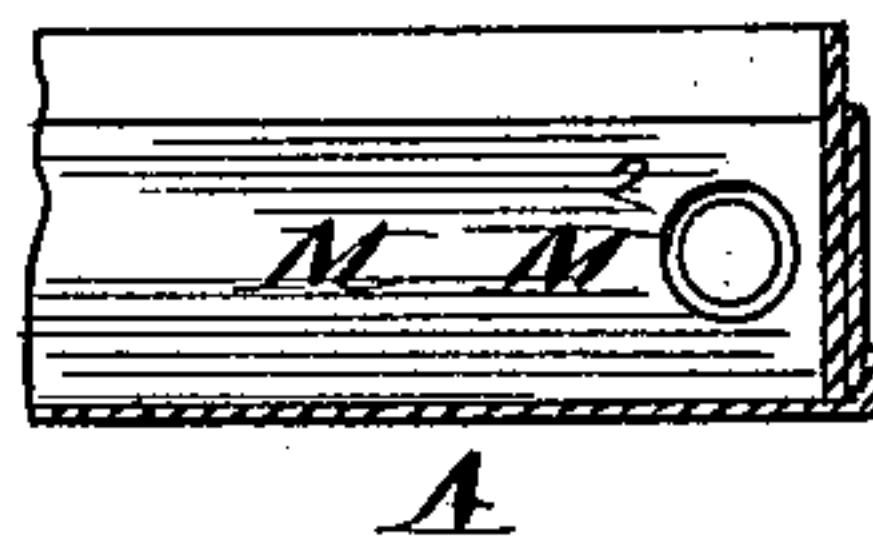
*Fig. 3.*



*Fig. 4.*



*Fig. 6.*



Attest:

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*attys*



# UNITED STATES PATENT OFFICE.

FREDERICK E. HEINIG, OF LOUISVILLE, KENTUCKY, ASSIGNOR TO HENRY U. FRANKEL AND DAVID JAMES ETLY, BOTH OF SAME PLACE.

## PAINT-BOX.

SPECIFICATION forming part of Letters Patent No. 363,894, dated May 31, 1887.

Application filed December 3, 1886. Serial No. 220,598. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK E. HEINIG, of Louisville, in the county of Jefferson and State of Kentucky, have invented a certain new and useful Improvement in Paint-Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a perspective view of my improved box, showing the lid open. Fig. 2 is a plan or top view with both the lid and the palette open. Fig. 3 is an enlarged detail transverse section, taken on line 3 3, Fig. 2, showing the palette in a vertical position. Figs. 4 and 5 are enlarged detail sections, taken on lines 4 4 and 5 5, respectively, Fig. 2. Fig. 6 is an enlarged section, taken on line 6 6, Fig. 2.

My invention relates to an improved box for holding paints or water-colors; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Referring to the drawings, A represents the box, and B the cover or lid hinged thereto.

C represents a palette connected to the opposite edge of the box from that to which the cover B is connected, by means of arms or rods D, which may, if desired, be formed in one piece, as shown. They are connected to the palette at D' and to the box at D<sup>2</sup>, so as to turn in their bearings as the palette is moved to and from over the box. When the lid is open, the palette can be raised and swung from the position shown in Fig. 1 to the position shown in Fig. 2, the upper surface of the palette remaining uppermost at all times, and upon this surface the tints are mixed by the artist.

When the palette is open, as shown in Fig. 2, a small projection, C', (see Fig. 3,) enters a hole or perforation, A', in the box, and the palette is thus held in a horizontal position while in use. When the palette is to be closed, its outer end is moved upward until the projection is out of the perforation, and the lower edge of the palette is then swung or moved toward the lid of the box and the palette pushed down upon the box, as shown in Fig.

1. To prevent the palette revolving or moving a half-turn, so that its side (which has

been used to mix the paints on) would come down upon the paints in the box, I have provided it with a projection, C', which enters the perforation A' as soon as the palette reaches the position shown in Fig. 3, and thus prevents the palette being moved toward a closed position without first swinging its lower end outward.

A practical advantage exists in so arranging a palette that it cannot revolve, for the reason, as stated, that the moist paints which are on the palette are never allowed to come in contact with the paints in the box when the palette is closed.

I prefer to hinge the palette to the outside of the box, as shown, so that, if desired, the lid can be closed, covering the paints in the box, while the palette is still open or exposed.

M represents strips located in the box, and which form a brush-holder. They are not in any way secured to the box, so that they can be removed to allow the box to be cleaned when desired. On either side, or on one side of these strips the paints are placed, as shown in Fig. 2. The strips are held a proper distance apart by springs M<sup>2</sup>, one at each end, which allows of their being compressed or forced together, if necessary, and they are provided with supports M', upon which the brushes are placed, the supports preferably being notched, as shown, and being secured to the respective strips at the opposite ends, as shown in Fig. 2.

I claim as my invention—

1. In combination with the box, a movable palette connected to the box by arms, whereby it is adapted to be moved to and from the box without being inverted, substantially as and for the purpose set forth.

2. In combination with the box, the palette and arms connecting the palette to the box, the palette being provided with means to hold it in a horizontal position when open, and means to prevent it from being inverted when closing, substantially as set forth.

3. The combination of the box provided with a slot or opening, the palette, arms connecting the palette to the box, and a projection on said palette for entering the slot or opening in the box, substantially as and for the purpose set forth.

4. In combination with the box, a brush-holder consisting of strips connected by

springs, substantially as and for the purpose set forth.

5. In combination with the box, the brush-holder removable from the box and consisting  
5 of strips connected by springs, substantially as set forth.

6. In combination with the box, a brush-

holder consisting of strips connected by springs and provided with supports M', substantially as and for the purpose set forth.

FREDERICK E. HEINIG.

In presence of—

EDW. S. KNIGHT,

JOSEPH WAHLE.