

(No Model.)

H. J. MOORE.

COMBINED WEIGHT AND ENVELOPE SEALER.

No. 360,458.

Patented Apr. 5, 1887.

Fig. 1.

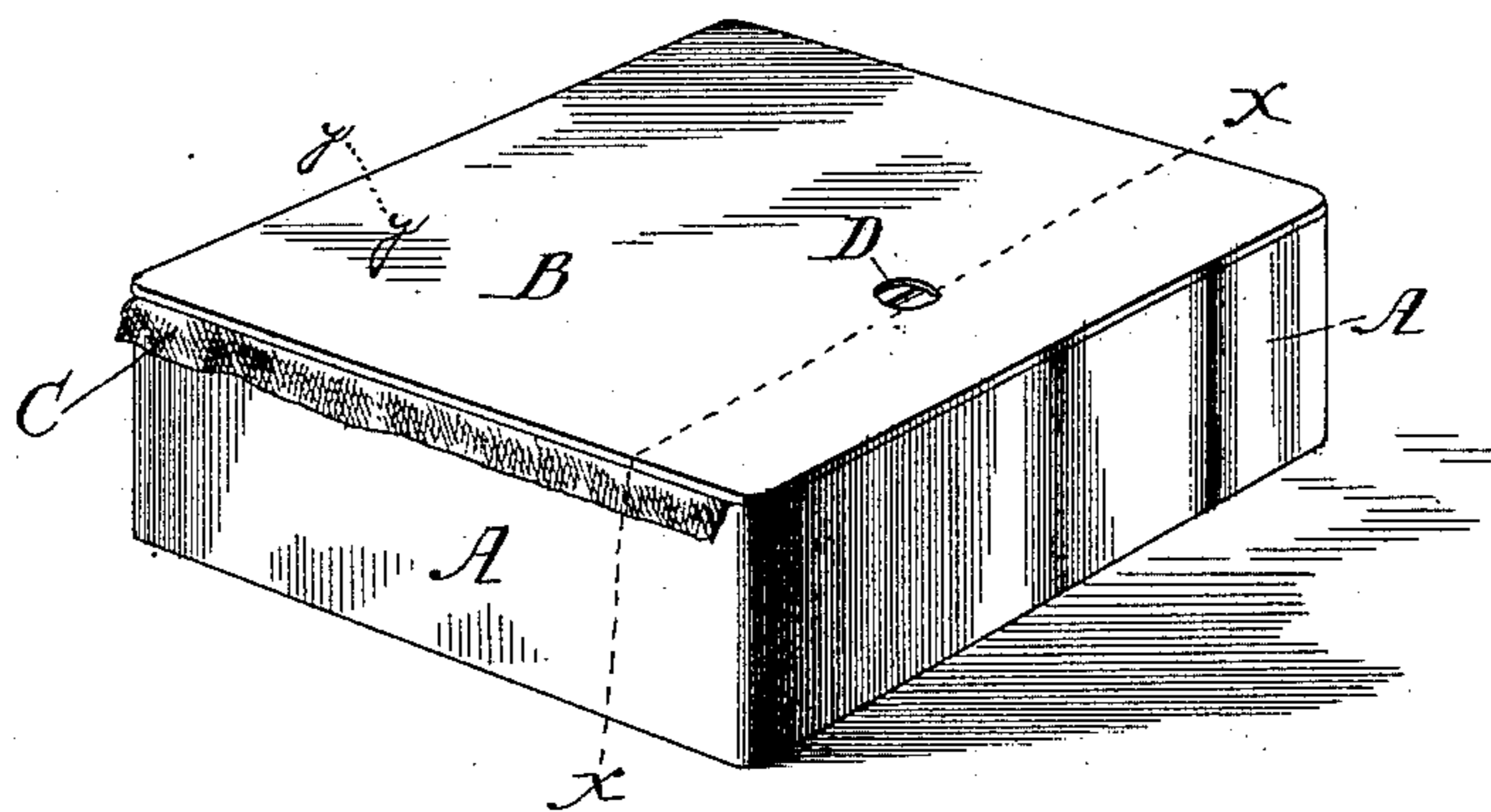


Fig. 2.

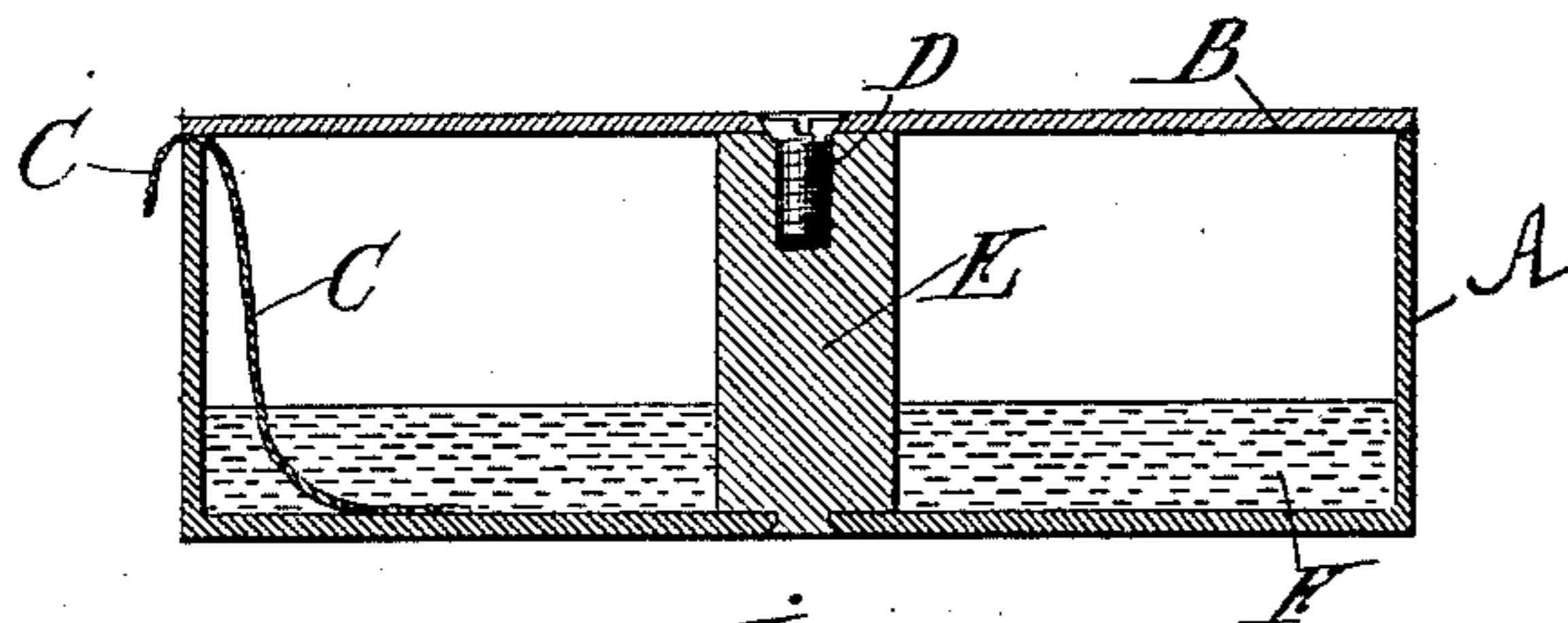


Fig. 4.

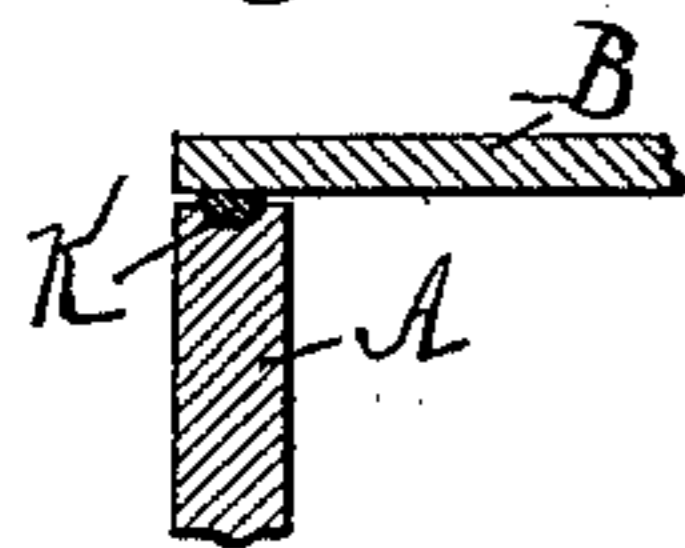
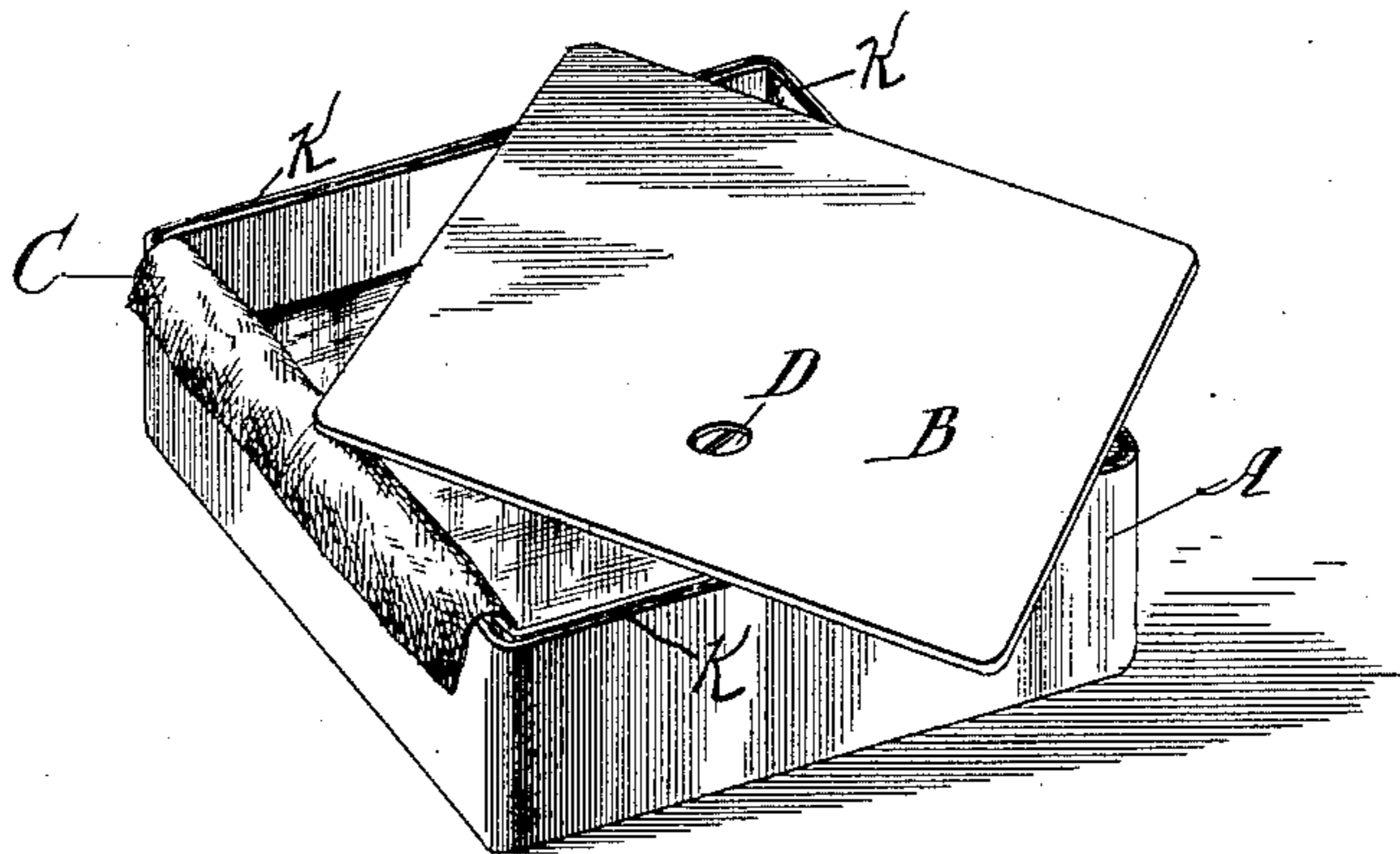


Fig. 3.



Witnesses:
Frank Blanchard
Howard Hallock.

Inventor:
Homer J. Moore
By E. L. Harpham
Attorney.

UNITED STATES PATENT OFFICE.

HOMER J. MOORE, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE BRYANT & STRATTON MECHANICAL APPLIANCE COMPANY, OF SAME PLACE.

COMBINED WEIGHT AND ENVELOPE-SEALER.

SPECIFICATION forming part of Letters Patent No. 360,458, dated April 5, 1887.

Application filed August 23, 1886. Serial No. 211,659. (No model.)

To all whom it may concern:

Be it known that I, HOMER J. MOORE, residing at No. 209 Washington Boulevard, in the city of Chicago, in the county of Cook and State of Illinois, and a citizen of the United States, have invented new and useful Improvements in a Device for a Combination Paper-Weight and Envelope-Sealer; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of the device as it appears when partly filled with water and ready for operation. Fig. 2 is a cross-section on the line *x x* of Fig. 1. Fig. 3 is a perspective view of the device with the upper plate or cover turned upon the screw as a pivot. Fig. 4 is a cross-section on the line *y y* of Fig. 1, the section extending only partially down the side of the device.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to devices which act as a combination paper-weight and envelope-sealer, having for its object the convenience of a paper-weight combined with a device for moistening the gummed flap of envelopes; and it consists, essentially, of a closed hollow metallic box partially filled with water and having a piece of woven fabric or analogous material protruding from one side, the other end of the same being in the water on the inside of the box, the latter being provided with a groove in the upper edge of three of its perpendicular sides, in which is fastened, by glue or other adhesive material, a string or other absorbing substance, which, when the close-fitting cover is fastened on, renders the device water-tight.

Referring to the drawings, A represents the hollow box partially filled with water F.

E is a metallic cylindrical upright rising from the bottom of the box A, and into which the screw D passes, holding the close-fitting cover B, upon which screw D the cover B turns when force is applied.

C represents the cloth or woven fabric, and

its lower part lies loosely in the water F, while its upper part projects from the box A. This projecting part of the woven fabric C is wet by capillary attraction, and remains constantly moist as long as the box A contains any water F. The box A is provided on the upper surface of three of its sides with a groove, in which groove is laid or glued the string K. The cover B, when fastened by the screw D, fits so closely upon the string K and woven fabric C as to render the device water-tight, and hence there is no possibility of the water escaping from the hollow interior of the box A, even when it is inverted, thus affording a convenient paper-weight.

To seal an envelope, the gummed flap of the envelope, which has already been bent back when the letter was inserted, is rubbed loosely by a motion of the hand—drawing the envelope toward the operator—against the moistened projecting part of the woven fabric C, the device having been turned so that the woven fabric C is farthest from the operator, and by a reverse motion is pressed down upon the top of the cover B, whence, by exerting pressure by the hand or fingers upon the face of the envelope, the gummed flap, having already been moistened by its contact with the moistened fabric C, is caused to adhere to the back of the envelope, thus sealing the envelope.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A device for moistening the gummed surface of an envelope-flap, comprising a receptacle or box, A, with the upper surface of three of its perpendicular sides grooved and containing a string, K, for holding water F, in combination with a strip of woven fabric or analogous material, C, partly within and partly without the receptacle or box A, whereby when the internal portion is immersed in water the external portion will be maintained in a moist condition by capillary attraction, substantially as described.

2. A device for moistening the gummed surface of an envelope-flap, comprising a receptacle or box, A, with the upper surface of three of its sides grooved and containing a

string, K, for holding water F, provided with a close-fitting cover, B, in combination with a strip of woven fabric or analogous material, C, within the receptacle or box A, and having a portion emerging therefrom, substantially as set forth.

3. A combined water-tight paper-weight and moistening device for envelopes, consisting of the box or receptacle A, with the upper surface of three of its sides grooved and containing a string, K, for containing water F, provided with the close-fitting cover B, in combi-

nation with the strip of woven fabric or analogous material C within the box A, and emerging therefrom between the body of the box A and the close-fitting cover B, substantially as set forth.

Subscribed to on this 16th day of August 1886.

HOMER J. MOORE.

Witnesses:

JAMES A. HARPHAM,
H. W. BRYANT.