

(No Model.)

E. P. BENJAMIN.
ORNAMENTING WINDOW SHADES.

No. 366,449.

Patented July 12, 1887.

Fig. 1.

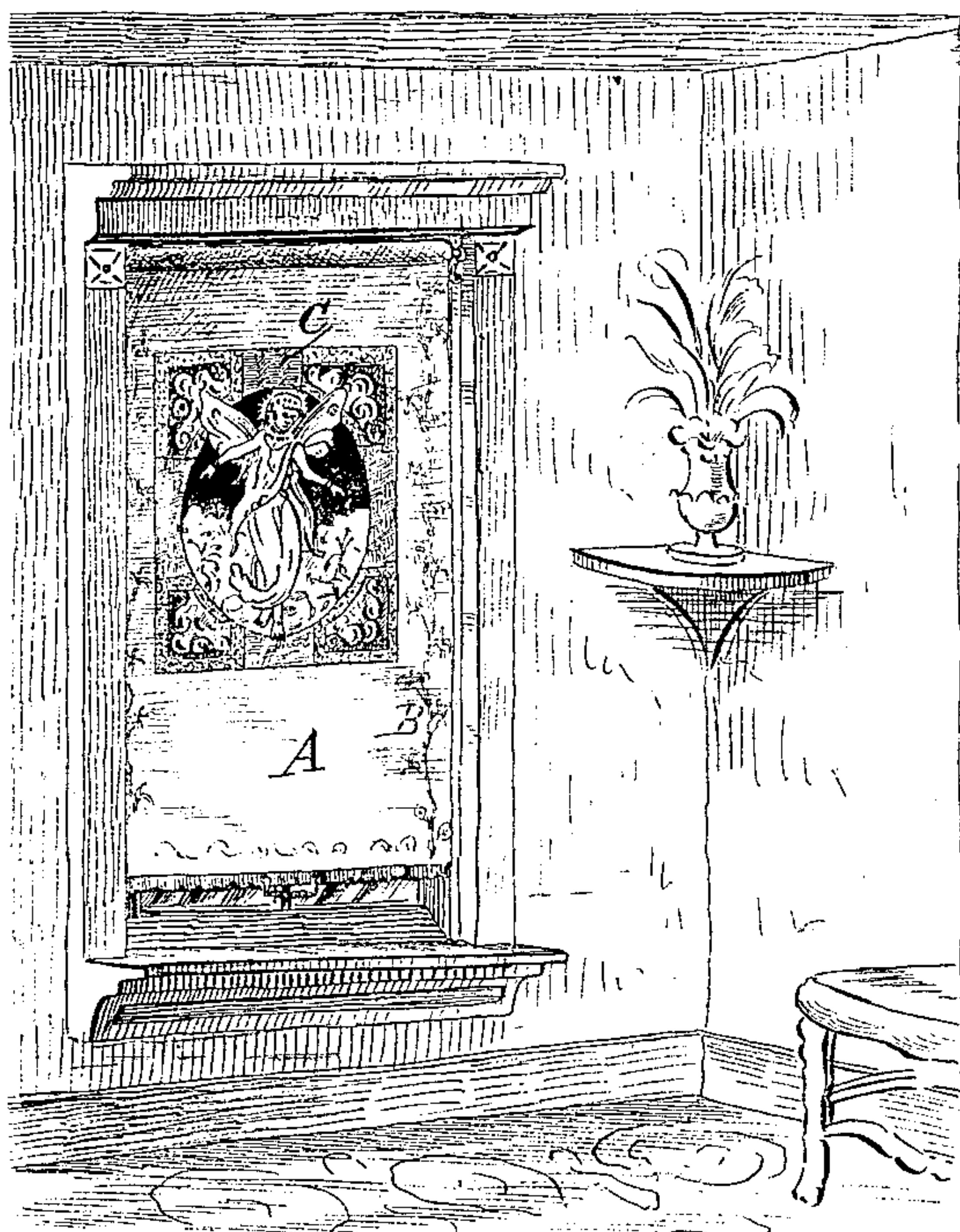


Fig. 4.

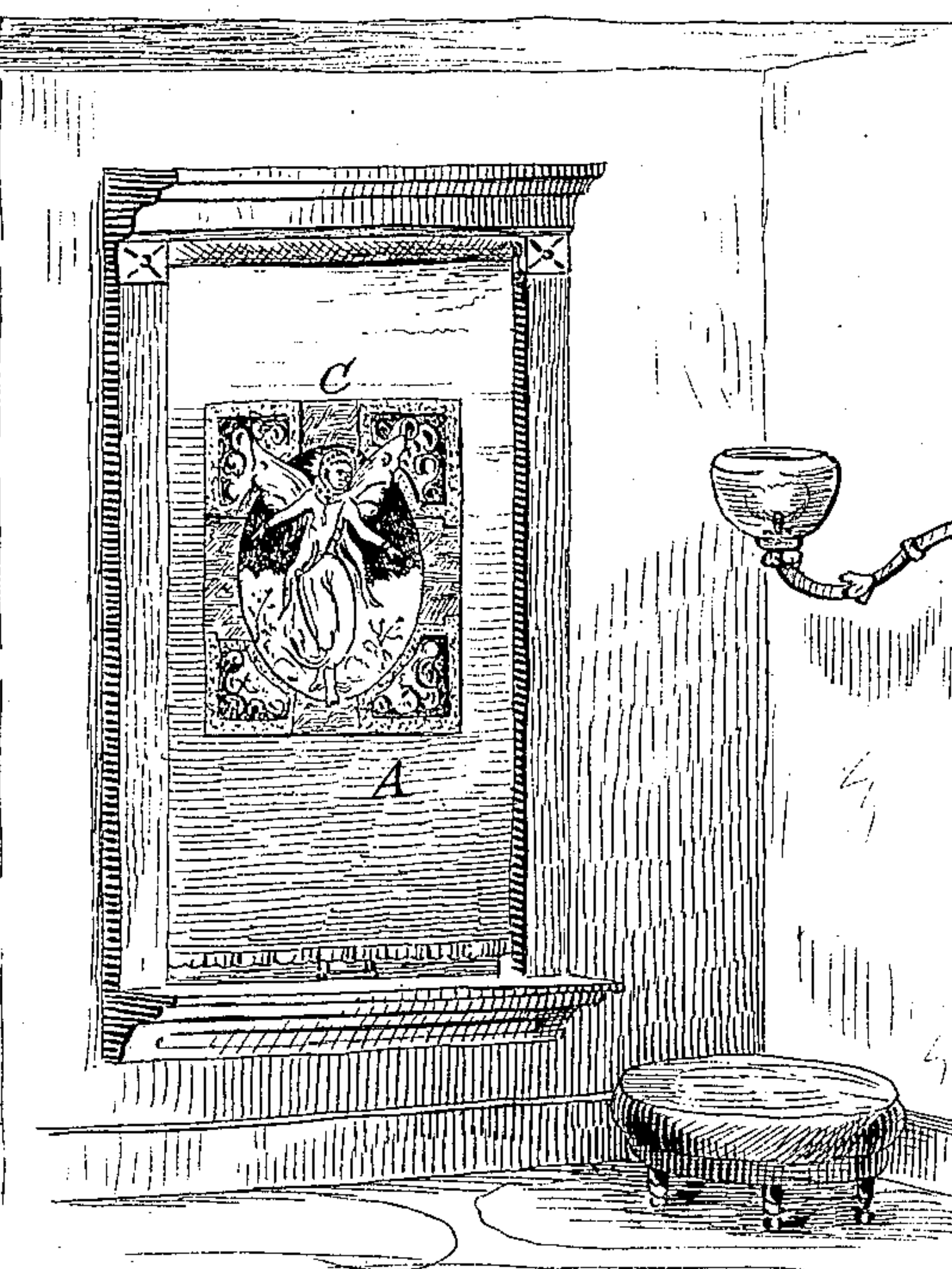


Fig. 2.

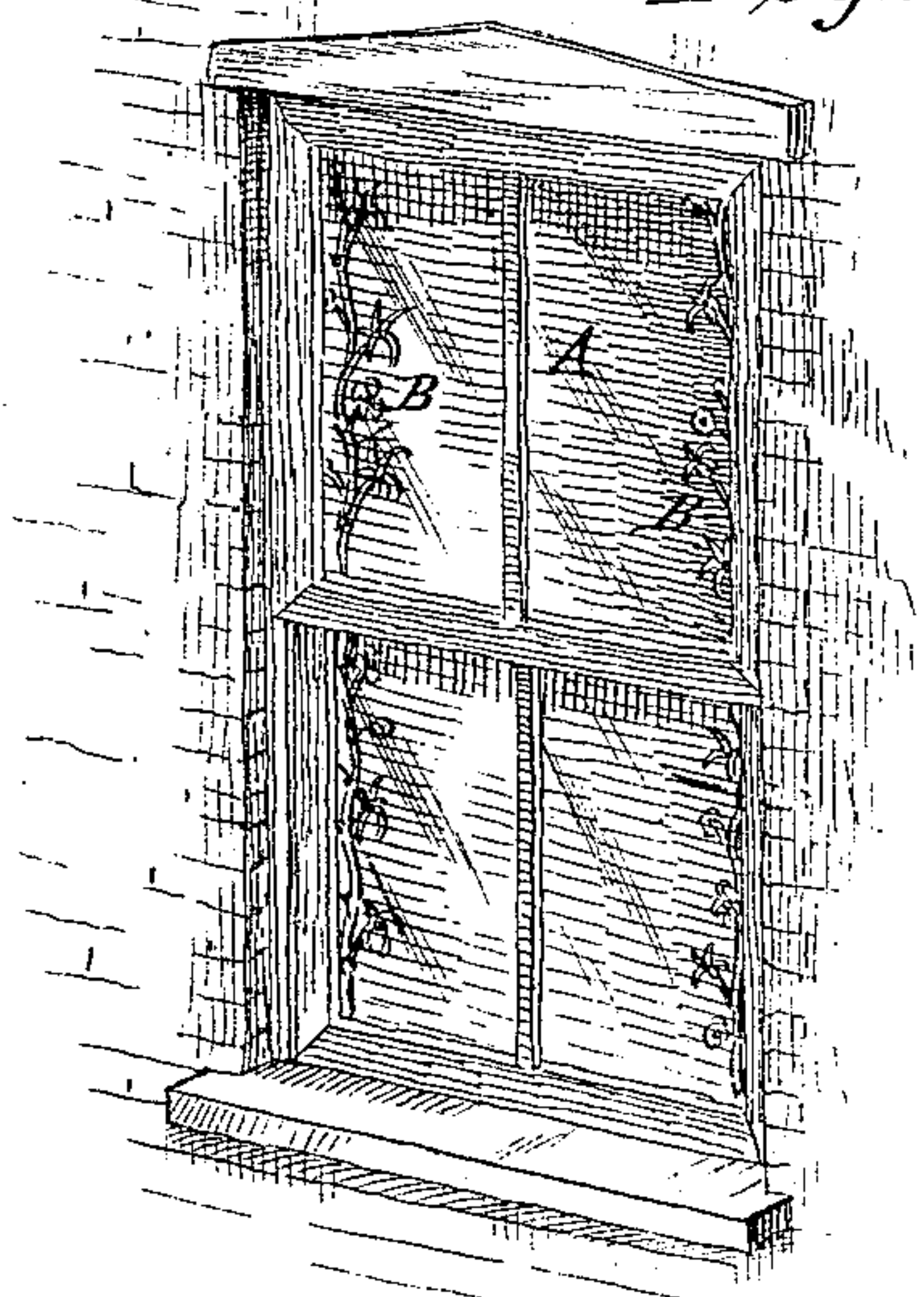
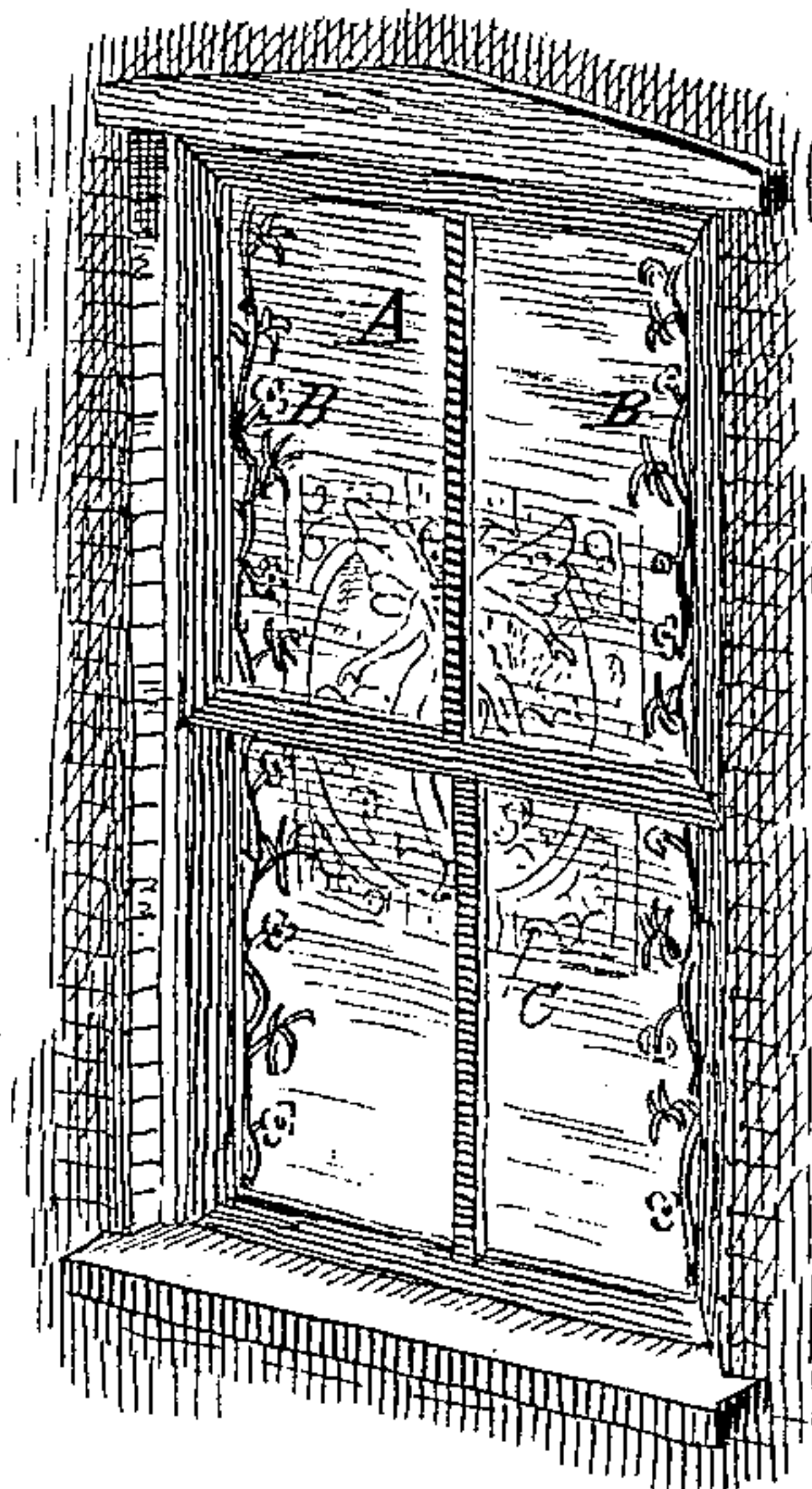


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN P. BENJAMIN, OF MINETTO, ASSIGNOR OF ONE-HALF TO THE MINETTO
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ORNAMENTING WINDOW-SHADES.

SPECIFICATION forming part of Letters Patent No. 366,449, dated July 12, 1887.

Application filed September 9, 1886. Serial No. 213,148. (No model.)

To all whom it may concern:

Be it known that I, EDWIN P. BENJAMIN, of Minetto, in the county of Oswego and State of New York, have invented certain new and useful Improvements in Ornamenting Window-Shades, of which the following is a specification.

My invention relates to that class of shades known as "hollands" and "opaques," which have heretofore been ornamented ordinarily by a design printed upon one side only, though both sides have been ornamented by the same design in register, so that but one design would appear, no matter from which side the shade was viewed.

My invention consists in ornamenting the opposite sides of the translucent fabric with designs out of register with each other.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a view from the inside of the room, showing the shade ornamented in accordance with my invention as it appears in daylight. Fig. 2 is a view from the outside of the room, showing the shade as it appears during the day. Fig. 3 is a view from the outside of the room, showing the shade as it would appear at night when the room was supplied with light. Fig. 4 is a view showing the shade from the inside of the room, it being dark without and light within the room.

A represents the shade, which is ornamented with the design C on its inner side, and with the design or pattern B on its outer face. The shade is made of translucent fabric, so that at certain times the inner design only will be visible, at other times only the outer design, and then again both designs will show, as will be readily understood from the accompanying drawings.

When it is light within and dark without the room, the design C only will be visible from the inside of the room, while from the outside both designs will show; and the reverse is true when it is dark within and light without the room—that is to say, the two designs will be

visible from the inside and only the outer design from the outside.

The designs may be varied to suit various tastes, though in every instance the designs on the opposite faces of the shade must be out of register, in order that the desired result may be produced, though both sides might have the same design. The best effect, however, is produced by having different designs on the opposite faces.

I am aware that a window-shade has been formed of a starched fabric having one side ornamented with elastic water-proof sizing and flock or metallic powder, the other side of the fabric being plain or free from discoloration; also, that a translucent window-shade has been provided on its opposite faces with the same designs in register one with the other; also, that a window-shade has been provided with translucent ornamented paper upon both sides, the designs on said papers registering; also, that a window-shade has been formed of opaque material having a translucent portion made by inserting an ornamented piece, and I do not claim the same as of my invention.

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

1. The improvement in the art of ornamenting window-shade fabric, which consists in applying patterns or designs to the opposite sides of the fabric out of register with each other, substantially as set forth.

2. The shade herein described, formed of translucent fabric having designs on its opposite faces, the said designs being out of register, substantially as set forth.

3. The shade herein shown and described, formed of translucent fabric having different designs on its opposite faces, the said different designs being out of register, substantially as set forth.

EDWIN P. BENJAMIN.

Witnesses:

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J. L. MCAULIFFE.