

No. 885,140.

PATENTED APR. 21, 1908.

O. E. BROWN.
WINDOW VENTILATOR AND CURTAIN FIXTURE.
APPLICATION FILED JULY 9, 1907.

Fig. 1.

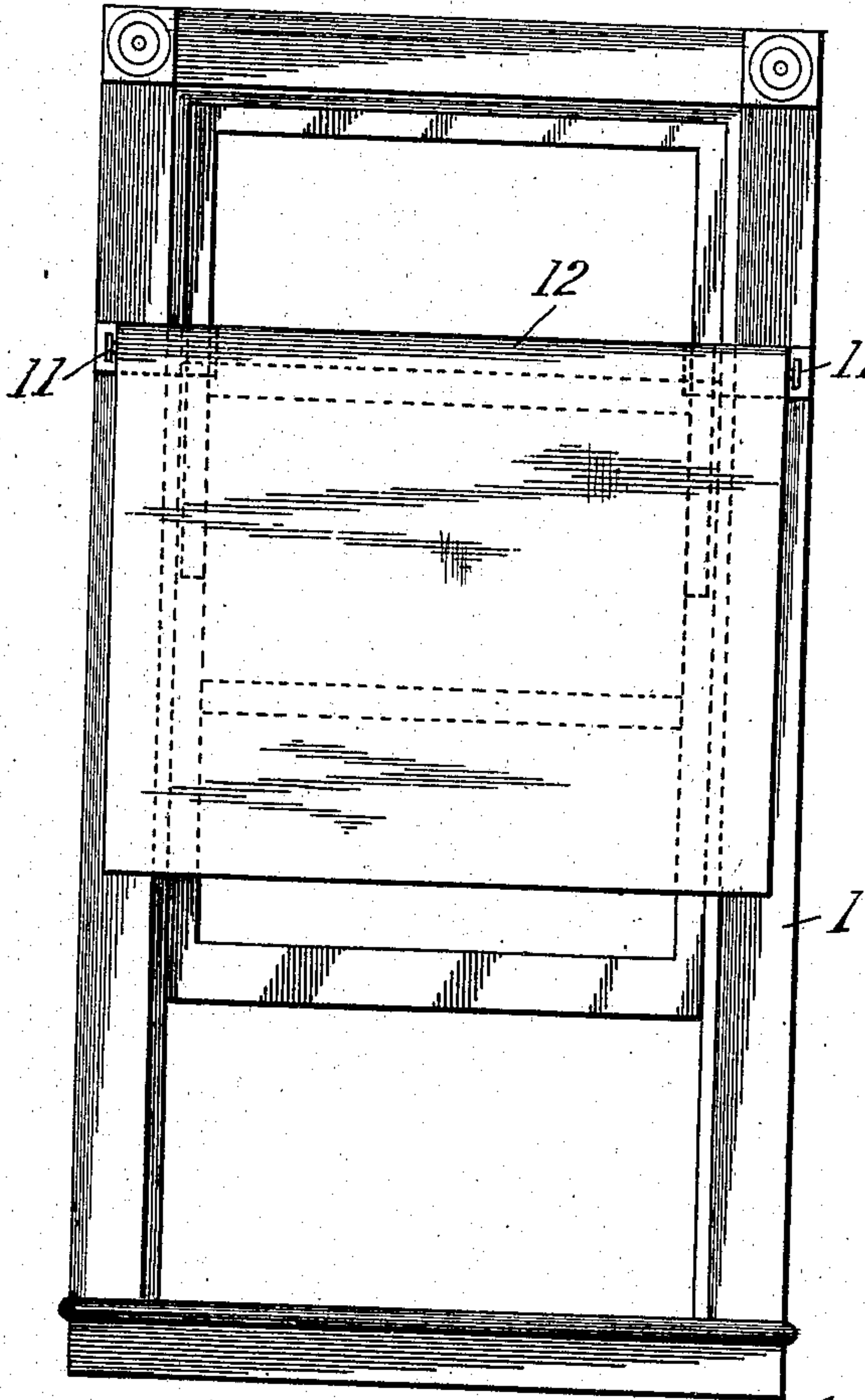


Fig. 2.

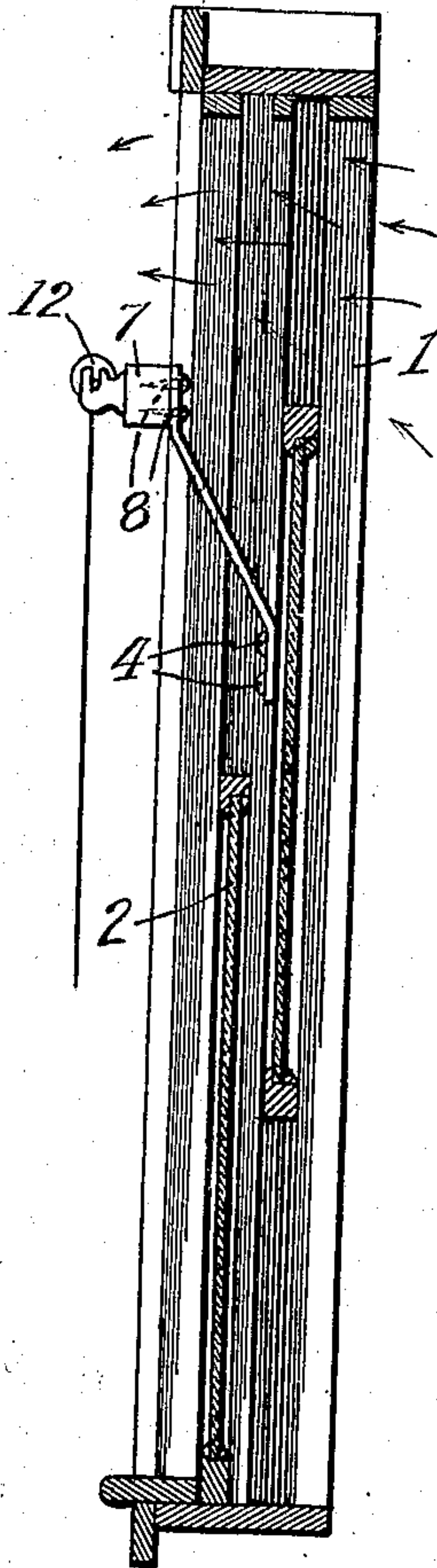
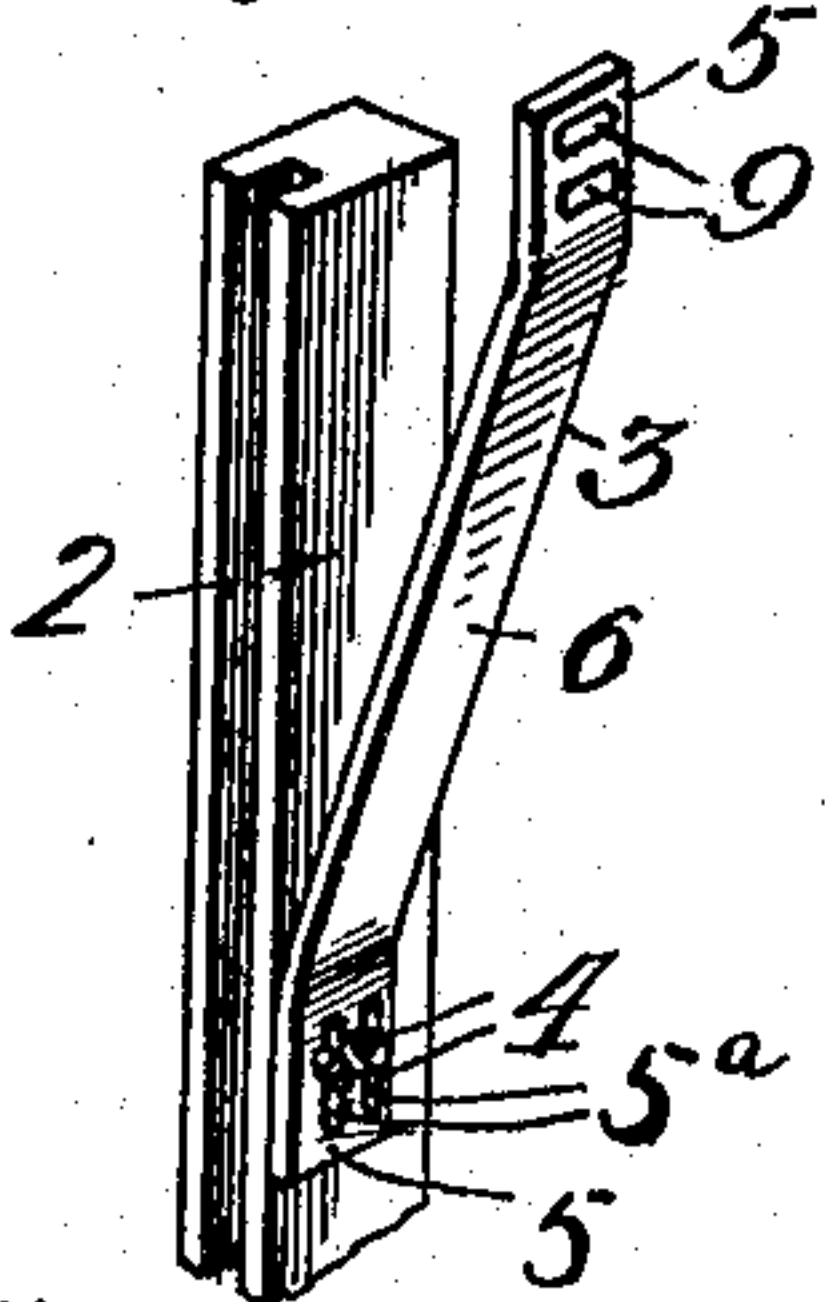


Fig. 3.



Witnesses

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Fig. 5.

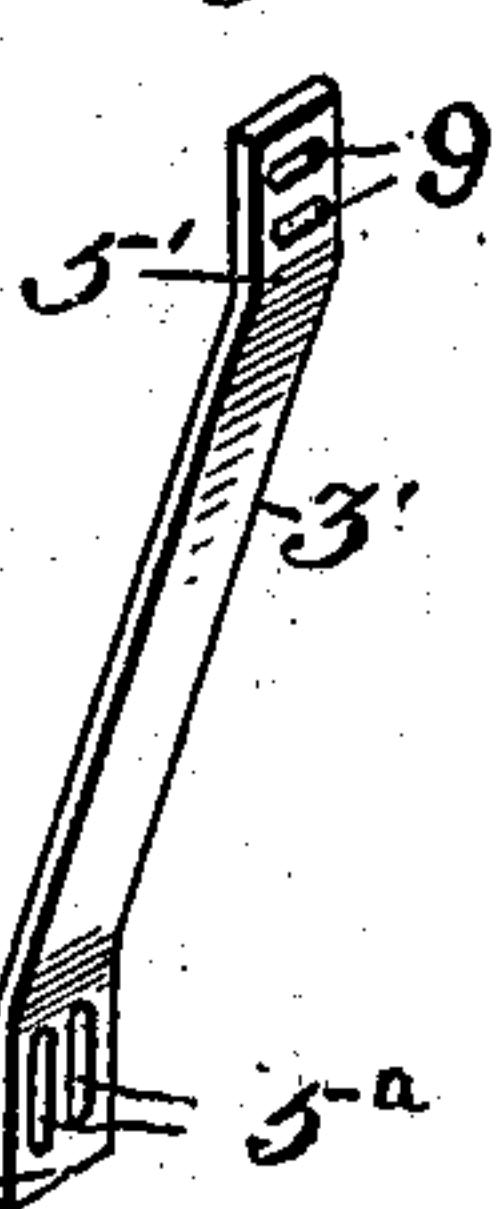
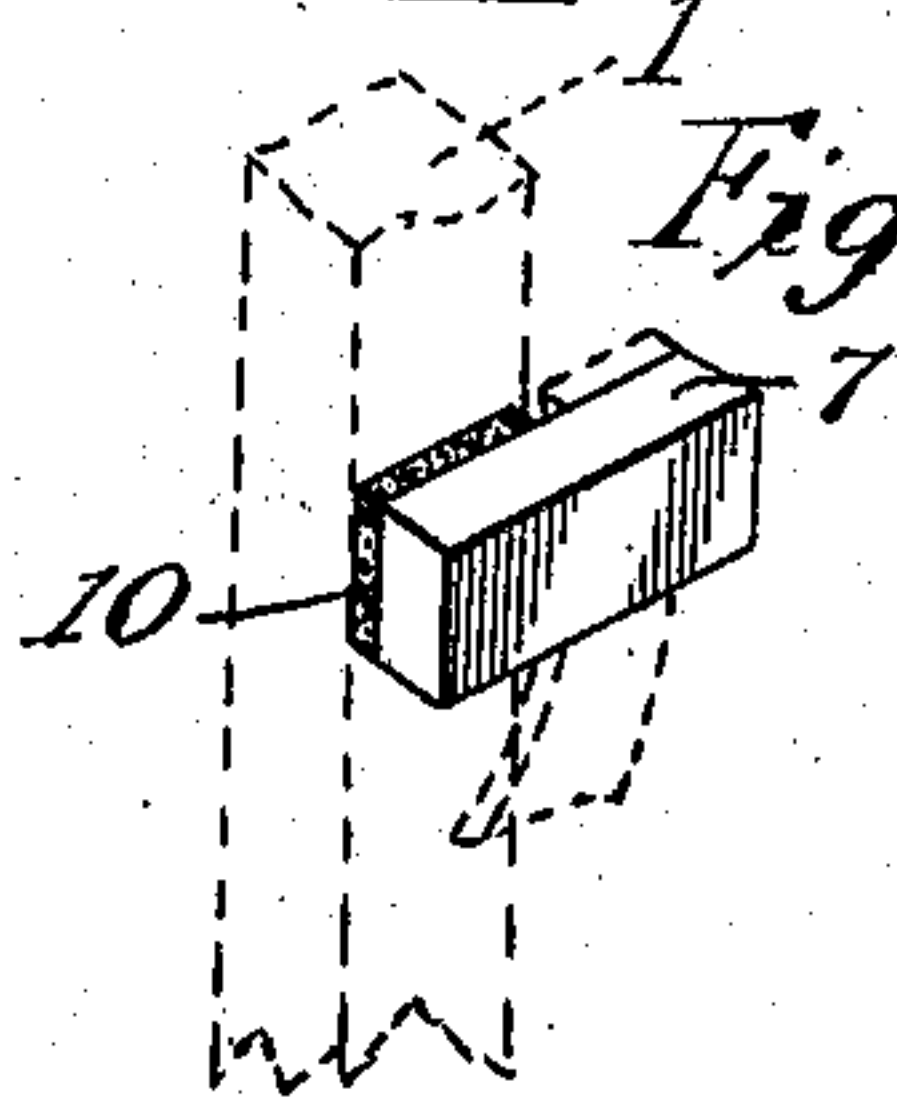


Fig. 4.



Inventor

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UNITED STATES PATENT OFFICE.

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WINDOW-VENTILATOR AND CURTAIN-FIXTURE.

No. 885,140.

Specification of Letters Patent.

Patented April 21, 1908.

Application filed July 9, 1907. Serial No. 382,866.

To all whom it may concern:

Be it known that I, OLIVER E. BROWN, a citizen of the United States, residing at Washington, in the county of Washington and State of Iowa, have invented certain new and useful Improvements in Window-Ventilators and Curtain-Fixtures, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to an improvement in combined window-ventilator and curtain-fixture, and has for its object the provision of peculiarly-constructed means, whereby a curtain-shade or lace curtain is supported directly upon, preferably, the upper sash, whereby, when the upper sash is lowered, the curtain will also be synchronously moved or lowered, thereby permitting a room to be ventilated by air passing in and out over the top or upper edge of the sash without disturbing the curtain.

Another object of the invention is the provision of means for facilitating the supporting of a window-shade or curtain, upon a vertical support.

With these and other objects in view, the invention consists of certain novel constructions, combinations, and arrangements of parts, as will be hereinafter fully described and claimed.

30 In the drawings: Figure 1 is a view in front elevation of a device constructed in accordance with the present invention. Fig. 2 is a transverse, vertical sectional view of the structure depicted in Fig. 1. Fig. 3 is a fragmentary view of the vertically-movable sash to which is secured an arm constructed in accordance with the present invention. Fig. 4 is a fragmentary, perspective view of a portion of the structure depicted in Fig. 1, and showing particularly one of the blocks. Fig. 5 is a perspective view of one of the brackets.

Referring to the drawings by numerals, 45 1 designates, preferably, a window-frame, within which is slidably mounted a sash 2, which sash constitutes a vertically-movable support. A pair of spring-arms 3 are secured to the sash 2, near its upper end, preferably, by means of any suitable fastening means, as for instance, screws 4 being passed through the lower portion, as clearly seen in Figs. 2 and 3. Each spring-arm 3 comprises parallel end portions or brackets 55 5, 5 connected by a substantially straight, central portion 6. The arm is formed from

a single-piece of, preferably, resilient material, so that while the lower portion 5 thereof is secured parallel with and to the sash, the upper end 5 will be left free to hold block 7 parallel to and contiguous with the front face of the frame 1. The blocks 7 are, preferably, slightly longer than the width of the brackets 5, and are secured to said brackets by any suitable fastening means, as for instance, screws 8, Fig. 2, positioned in apertures 9. In some instances, it is desirable to place a yieldable buffer or pad between that portion of the inner face of each block 7, which would normally engage the front face of the frame 1, so that while the blocks will be permitted to slide parallel with the frame, and contiguous thereto, no noise will be made during the adjustment of the sash 2; besides, these yieldable buffers or pads 10, will also prevent the face of the frame from being scratched or marred. Therefore, it will be obvious that I have produced a noiseless structure, which is easy to operate. Each block is, preferably, provided with any suitable shade-holder 11, which is engaged by the shade 12.

It will be obvious that the shade or curtain-holders 11 may be attached, by any suitable fastening means, as for instance, screws, nails, or the like, owing to the fact that the oblong blocks 10 are, preferably, constructed of wood; by reason of the wooden structure of the blocks, the same produces a very light device, as well as minimizing the cost of construction.

Each upper bracket is provided with horizontal, elongated apertures or slots 9, while lower bracket 5 is provided with a plurality of vertical, elongated apertures 5^a. By reason of the elongated structures of the apertures 9, if a curtain or shade is too wide, or narrow, to accommodate a particular window, the fastening means 8 can be loosened and the blocks 7 adjusted transversely upon the brackets to a desired position for accommodating the particular curtain or shade. Furthermore, by reason of the elongated, vertical apertures 9, the brackets may be adjusted vertically to obtain a nice adjustment of the curtain or shade to accommodate the top of any peculiarly-constructed window-frame.

It will be noted that when the sash is lowered, the shade will also be adjusted accordingly, thereby permitting the entrance or escape of air from the room without interfering with, or blowing, or rustling the cur-

tain or shade. Furthermore, when it is desired to remove the shade or curtain, or examine the same, this can be much more easily done than with an ordinarily constructed or supported shade, as it will be much easier to lower the sash, whereas with an ordinarily supported curtain, the operator will have to have some auxiliary means to stand upon, as for instance, a ladder, etc.

10 What I claim is:

In combination, a window-frame with a vertically-movable sash therein, a block slidable on each front face of the frame, a cushion on each rear face of the block, and curtain fixtures on each front face thereof, spring arms each having a bracket at their

upper ends provided with a plurality of parallel, elongated, transverse slots, secured to the blocks, said arms being also provided at their lower ends with brackets having a plurality of parallel, elongated, vertical slots, said arms being adjustable on the blocks and sash to permit vertical and lateral adjustment of the brackets, substantially as described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

OLIVER E. BROWN,

Witnesses:

J. P. THOMAS,

JOHN K. STEEN,