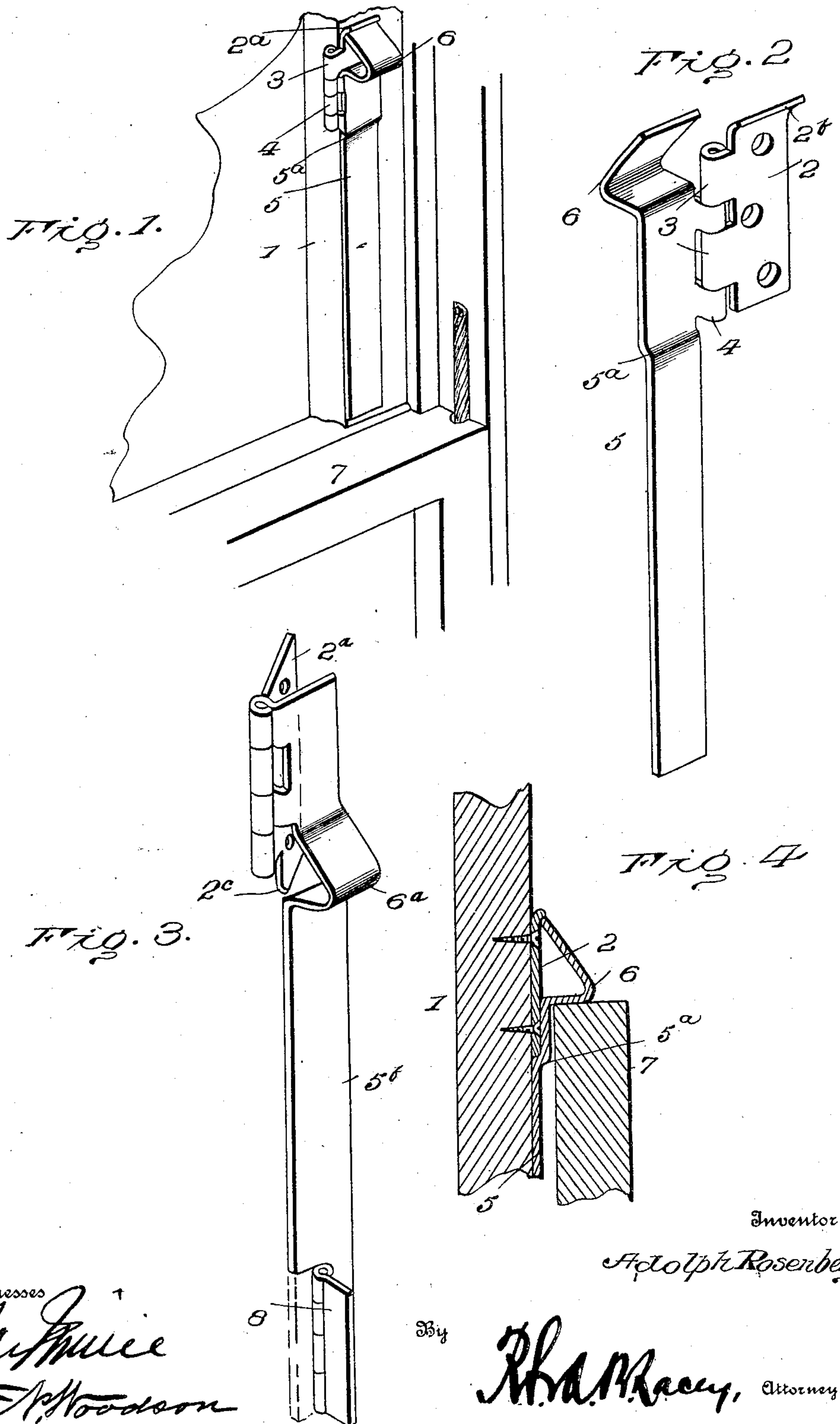


No. 888,039.

PATENTED MAY 19, 1908.

A. ROSENBERG.
SAFETY VENTILATING STOP FOR WINDOWS.
APPLICATION FILED AUG. 27, 1907.



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SAFETY VENTILATING-STOP FOR WINDOWS.

No. 888,039.

Specification of Letters Patent.

Patented May 19, 1908.

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To all whom it may concern:

Be it known that I, ADOLPH ROSENBERG, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Safety Ventilating-Stops for Windows, of which the following is a specification.

This invention has for its object a cheap, simple, durable and efficient construction of safety ventilating stop for windows, designed to be secured to one of the sashes and so arranged that it will prevent the opening of either sash of the window beyond a predetermined point sufficient for the purposes of ventilation, while at the same time it is so constructed that it may be readily swung to an inoperative position without necessitating its removal from the sash so as to permit either one or both of the sashes to be fully opened.

With this and other objects in view, as will more fully appear as the description proceeds, the invention consists of certain constructions and arrangements of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a perspective view showing the application of my improved safety ventilating stop to the upper sash of a window. Fig. 2 is a similar view of the stop detached and with the movable leaf of the device thrown open to an inoperative position. Fig. 3 is a similar view of a modified form of stop. Fig. 4 is a sectional view of the device.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawing, the numeral 1 designates a stile of an upper sash to which the relatively stationary leaf 2 of my improved safety ventilating stop is intended to be secured, said leaf for this purpose, preferably being formed with screw holes, as shown. The leaf 2 is also formed on one edge with spaced knuckles 3 designed to coact with the knuckles 4 to receive a pintle, whereby to hingedly connect the movable leaf 5 to the stationary leaf 2. The movable leaf 5 is extended downwardly below the stationary leaf 2, as clearly illustrated in the drawing.

The movable leaf 5 is formed with an off-

set or projecting portion 6, which constitutes an abutment, and which may be formed as illustrated in the embodiment of the invention shown in Figs. 1 and 2 by bending one end of the leaf outwardly and thence upwardly and backwardly. The leaf 5 is also slightly offset as indicated at 5^a so that the stationary leaf 2 will engage said offset when the movable leaf is swung or turned to lie against the stationary leaf, and the latter may be formed at its upper end with an out-turned edge 2^b extending over the upper extremity of the movable leaf, as best seen in Fig. 1.

In the practical application of my improved safety ventilating stop the leaf 2 is screwed or otherwise secured to the stile 1, preferably at such a point above the meeting rail of the sashes, that the lower edge of the movable leaf 5 will just clear the upper surfaces of said rails when the sashes are in fully closed position. In order to permit the window to be opened a certain distance to provide for ventilation, while at the same time prevent the opening of either sash beyond such predetermined point the movable leaf 5 is swung over upon the face of the stationary leaf 2, in which position the abutment 6 will project inwardly in the path of movement of the meeting rail 7 of the lower sash. Hence, it is manifest that the upper sash may be lowered or the lower sash may be raised until the meeting rail of the lower sash and the abutment contact, which prevents any further relative movement of either sash towards the open position. To permit the sashes to be fully opened, it is only necessary to swing the movable leaf 5 away from the stationary leaf 2, where it will assume a position within the margin of the stile of the upper sash.

In order that my improved safety ventilating stop may serve the additional function of a locking device for holding the sashes completely closed, the device may be made in the form illustrated in Fig. 3, in which 2^a designates the relatively stationary leaf, 5^b being the movable leaf, and 6^a the abutment. In this form of the invention, the lower end of the leaf 5^b may be provided with a hinged section 8 which obviously may be swung outwardly over the meeting rail of the upper sash so as to prevent any movement whatever of the sashes or either of them towards the open position. This modification also illustrates the fact that my invention is not

limited to the exact form or location of the abutment 6^a, in that the modified form shows said abutment as being formed by bending or extending outwardly an intermediate portion of the movable leaf.

The stationary leaf 2^a is, as seen in Fig. 3, formed with a lower offset edge 2^c designed to engage the inner side of the abutment 6^a of the leaf 5^b when the latter is swung over into operative position on the outer face of the leaf 2^a.

From the foregoing description in connection with the accompanying drawing, it will be seen that I have provided a very simple and effective device which, when secured to a stile of the upper sash of a window and swung to an operative position will permit the lower sash to be raised or the upper sash to be lowered until the meeting rail of the former strikes the projected abutment of the movable leaf. At this point the movement of either sash towards the open position is limited and no one can insert anything between the sashes, nor reach over or under the partially open sash to swing open the hinge, nor can one detach the device, as it is to be particularly noted that the screw or other fastening devices of the stationary leaf 2 are covered by the relatively movable leaf. It is also to be particularly noted that the outturned edge 2^b of the leaf 2, or the out-turned edge 2^c of the leaf 2^a, will engage with the abutments of the respective movable leaves, when the latter are swung over against the face of the stationary leaf to operative position, which insures an additional feature of security in that this engagement will resist any forcing of the locking device, thereby materially strengthening the same.

Having thus described the invention, what is claimed as new is:

1. A ventilating stop for windows or the like, comprising a relatively stationary leaf and a relatively movable leaf hingedly con-

nected together, said movable leaf being formed with an abutment and being adapted to be swung over on the stationary leaf with the abutment projecting outwardly therefrom, the said abutment and stationary leaf being formed for interlocking engagement in such position of the leaves.

2. A ventilating stop for windows or the like, comprising a relatively stationary leaf and a relatively movable leaf hingedly connected together, said movable leaf being formed with an offset portion constituting an abutment, and being adapted to be swung over on the stationary leaf with the abutment projecting outwardly therefrom, one edge of the stationary leaf being offset and designed to engage the abutment.

3. A safety ventilating stop for windows or the like, comprising a relatively stationary leaf and a relatively movable leaf hingedly connected together, said movable leaf being formed with an offset portion constituting an abutment, and being adapted to be swung over on the stationary leaf with the abutment projecting therefrom, said movable leaf being also formed with another offset portion adapted to engage the lower edge of the stationary leaf, and the upper edge of the stationary leaf being offset and adapted to engage the abutment.

4. A safety ventilating stop for windows or the like, comprising a relatively stationary leaf and a relatively movable leaf hingedly connected together, the movable leaf being formed with an abutment, and the stationary leaf being formed with an offset edge designed to engage said abutment.

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

ADOLPH ROSENBERG. [L. S.]

Witnesses:

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