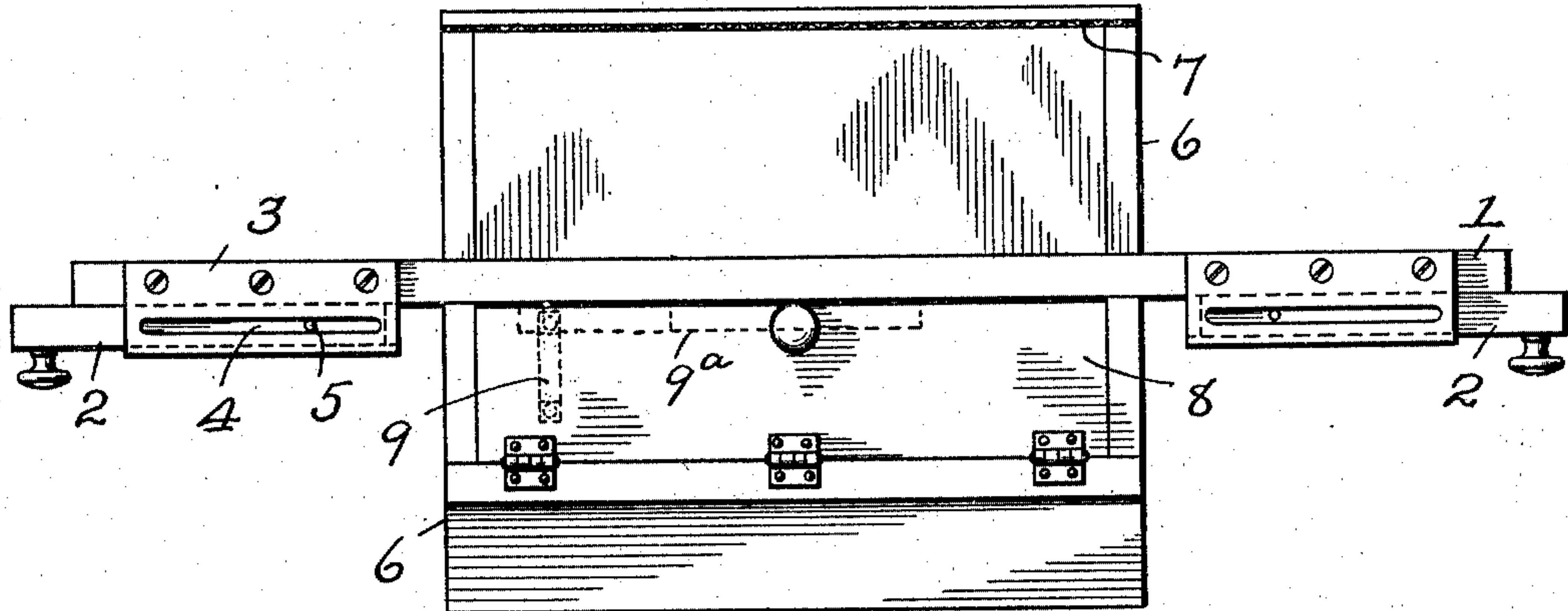


L. S. LEVI.  
VENTILATOR.  
APPLICATION FILED NOV. 3, 1909.

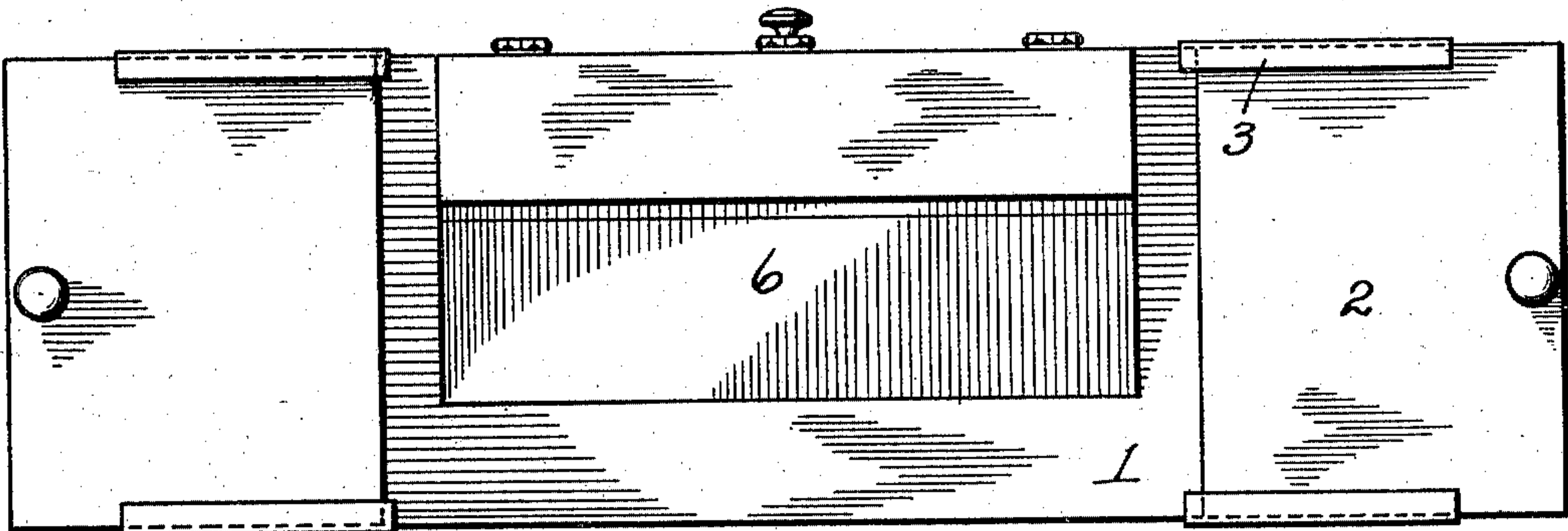
965,916.

Patented Aug. 2, 1910.

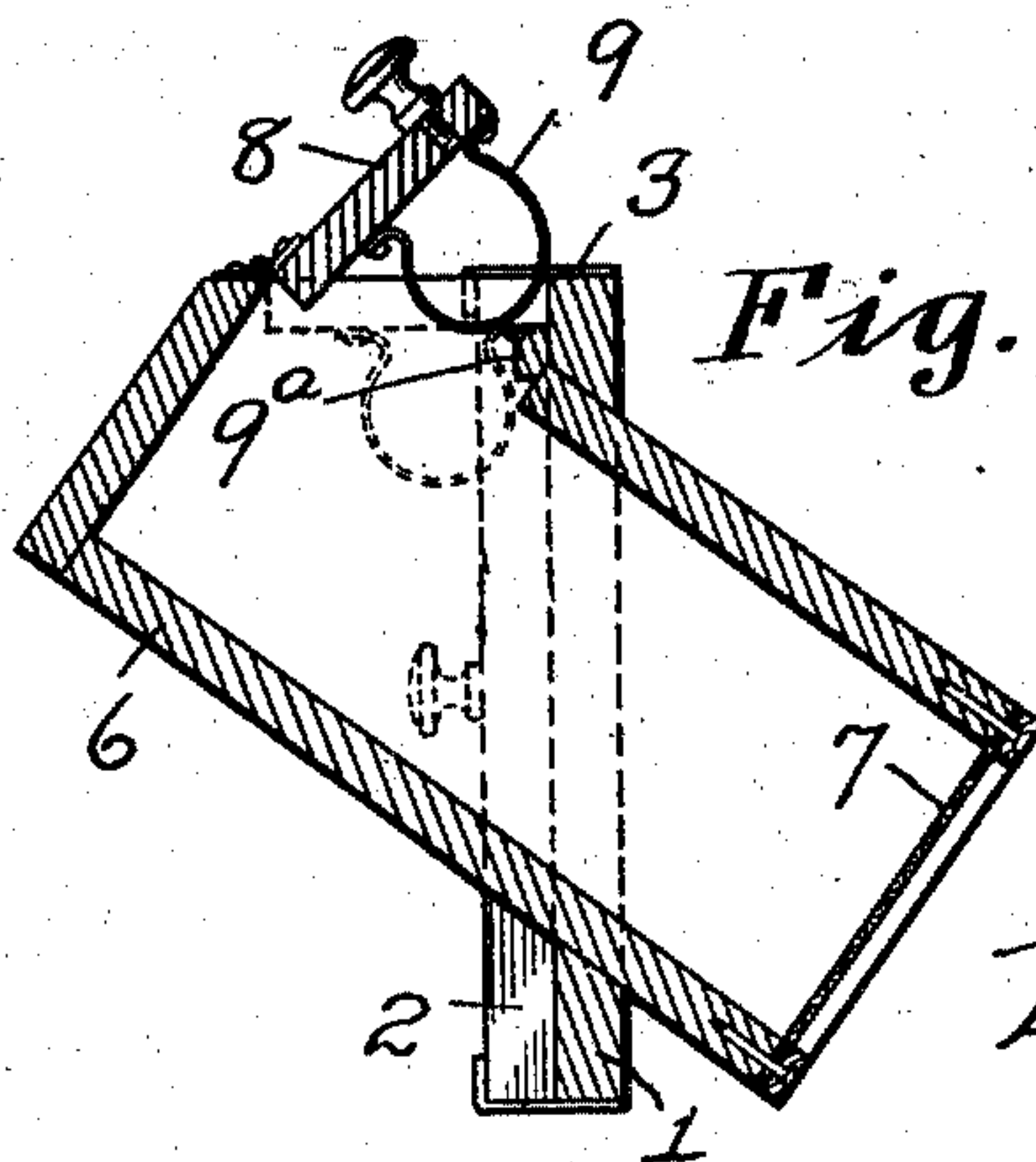
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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*Louis S. Levi,*  
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BY

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# UNITED STATES PATENT OFFICE.

LOUIS S. LEVI, OF READING, PENNSYLVANIA.

## VENTILATOR.

965,916.

Specification of Letters Patent.

Patented Aug. 2, 1910.

Application filed November 3, 1909. Serial No. 526,005.

*To all whom it may concern:*

Be it known that I, LOUIS S. LEVI, citizen of the United States, residing at Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Ventilators, of which the following is a specification.

This invention relates to improvements in ventilators and the object in the present instance is to produce a device that may be applied to windows of various widths in either buildings or passenger cars.

The invention consists of a longitudinally adjustable board or body portion having an air chute passing through it at an angle; means for regulating the passage of air through said chute and means for purifying and filtering the air that passes therethrough.

The invention is more fully described in the following specification and clearly illustrated in the accompanying drawing, in which:—

Figure 1 is a plan view; Fig. 2 is a longitudinal elevation, showing the inside and Fig. 3 is a central cross-sectional view of my device.

The numeral 1 designates the board or body of the ventilator. This may be of any convenient height and it is provided at either one or both ends with sliding extension pieces 2. These extension pieces are adapted to slide longitudinally on the board by means of guides 3, having longitudinal slots 4 therein, secured to the board and pins 5 secured to the top of the extension pieces, which pins travel in said slots and tend not only to limit the movement thereof but to aid in retaining the proper alinement of the parts. These extension pieces provide the means for adjusting the device to windows of varied widths.

The numeral 6 designates the air chute. This chute passes through the body portion 1 at about its center, and at an angle other than right angles; the lowermost end being placed on the outside of the window. The outside end of the chute is normally open, but is covered by a screen 7. This screen is of such a fine mesh that all solid foreign matter will be prevented from entering the chute.

The inner or upper end of the chute is provided with a closure 8. This closure is hinged at one edge to the chute and it is provided with a resilient member 9 adapted

to contact with a stop 9<sup>a</sup> secured to the inner wall of the chute, when the closure is lowered into position. This member 9 is in the form of a steel band, both ends of which are secured to the closure, leaving the rounded body to contact with the chute and hold the closure in any position in which it may be placed, by its contact. This will permit a very fine adjustment of the ventilator opening. This resilient member also serves to prevent noise or shock in the event of the closure being dropped into position accidentally.

It is evident that with my device, the air entering an apartment may be regulated with a nicety not ordinarily possible with devices of this class and at the same time insuring the entrance of only purified and filtered air. Its adaptability to windows of varied widths and to windows of passenger cars as well as to windows of buildings, is also quite evident.

Having thus fully described my invention and its operation, what I claim and desire to secure by Letters Patent is:—

1. In a longitudinally adjustable window ventilator, a straight body portion having a sliding extension piece at each end; top and bottom guides for said extension pieces provided with elongated slots; pins on said extension pieces adapted to travel in said slots; a rectangular air chute passing through the body portion at an angle other than right angles thereto; a screen covering the outside opening to said chute; a closure for the inside opening of the chute, hinged to the inner edge of the opening, and a resilient member in the form of a steel spring band permanently secured to said closure near one end, adapted to contact with the inner portion of the chute and thus hold the closure at any position of adjustment, determining the volume of air passing through the chute.

2. In a longitudinally adjustable window ventilator, a straight body portion having a central rectangular opening and a sliding extension piece at each end; top and bottom guides for said extension pieces provided with elongated slots; pins on said extension pieces adapted to travel in the slots; a rectangular air chute located in said opening at an angle other than right angles to the body portion, said chute having its upper corner cut away to form a flat top; a screen



covering the outside opening to said chute;  
a closure for the inside opening of the chute  
hinged to the inner edge of the opening, and  
a resilient member in the form of a spring  
5 steel band permanently secured to said clo-  
sure near one end, adapted to contact with  
the inner portion of the chute at all posi-  
tions of adjustment and to thus hold the

closure in any position to determine the vol-  
ume of air that is to pass through the chute. 10

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

LOUIS S. LEVI.

Witnesses:

CLARA E. YOUNG,  
LOUIS A. SAXXAMAN.