

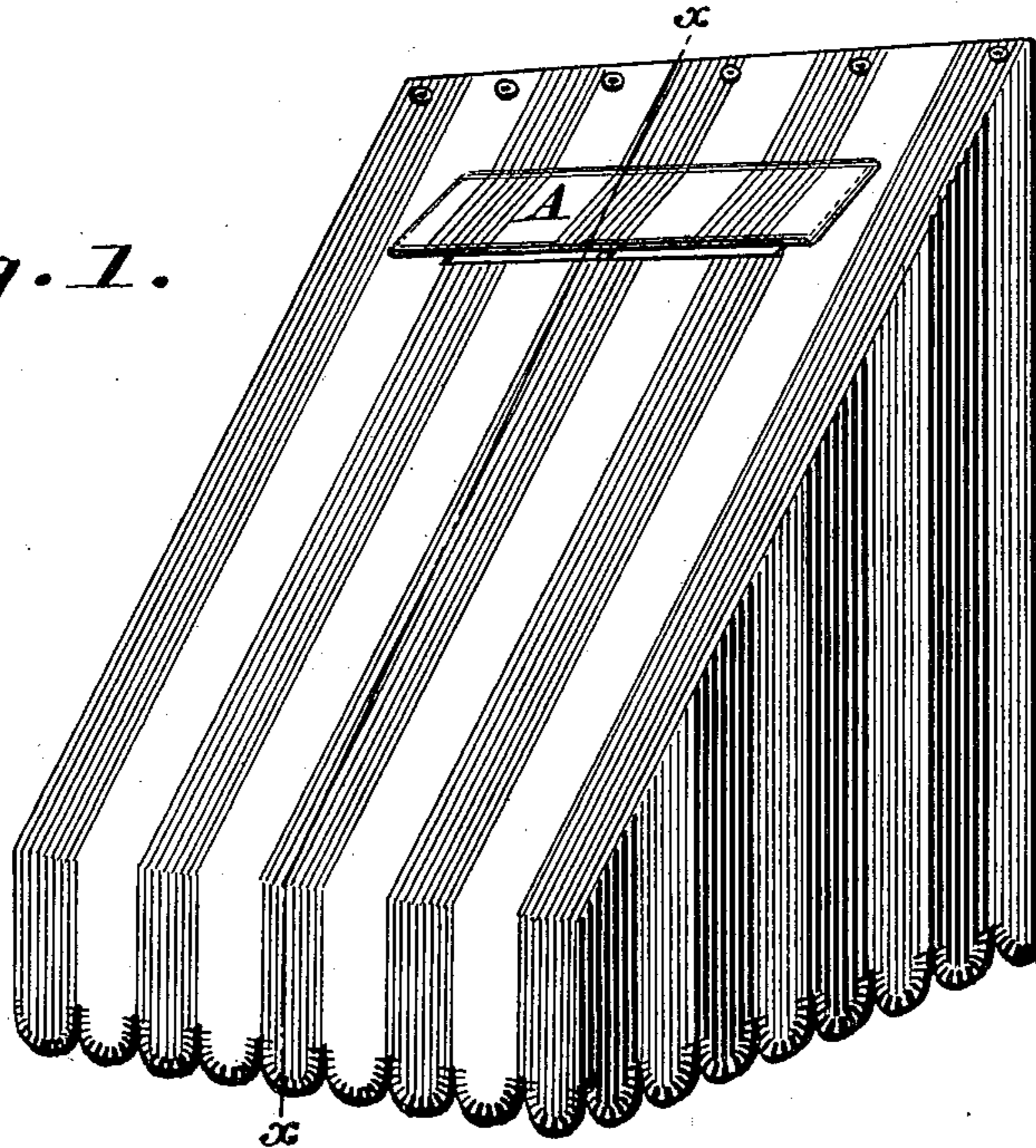
(No Model.)

H. J. LENTZ & A. J. ROBINSON.  
AWNING VENTILATOR.

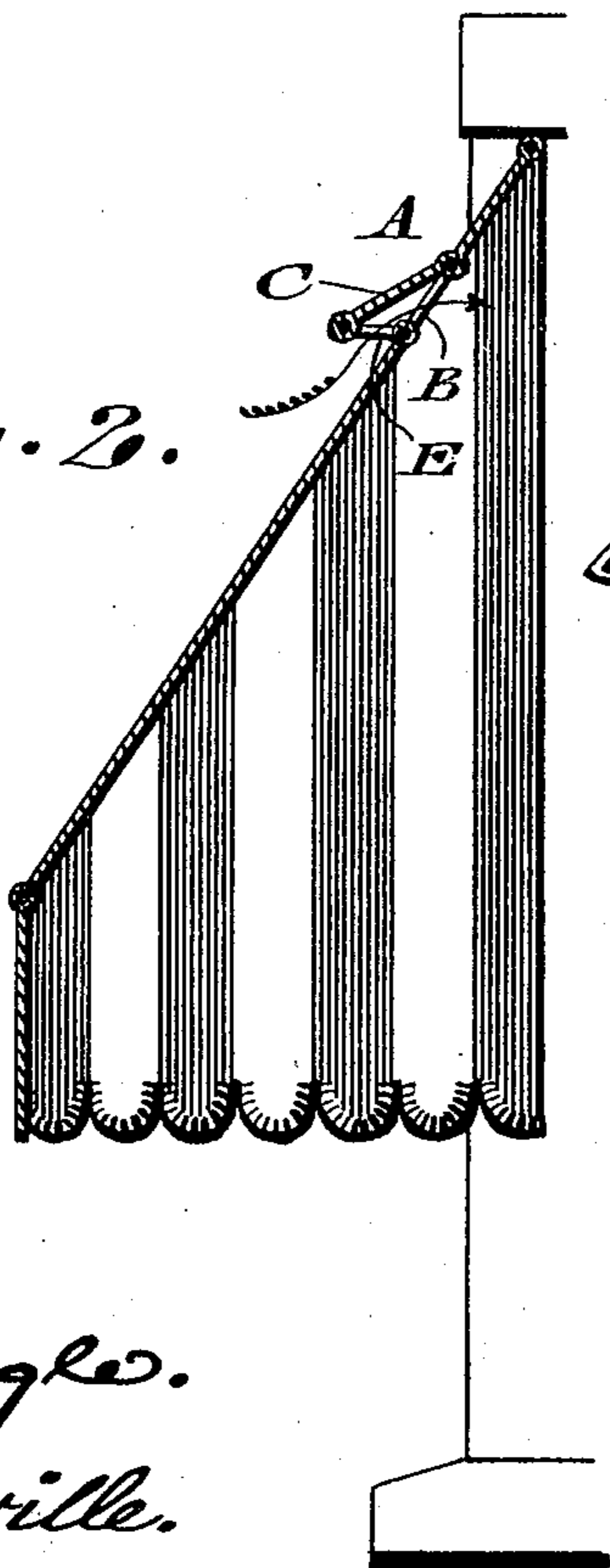
No. 590,706.

Patented Sept. 28, 1897.

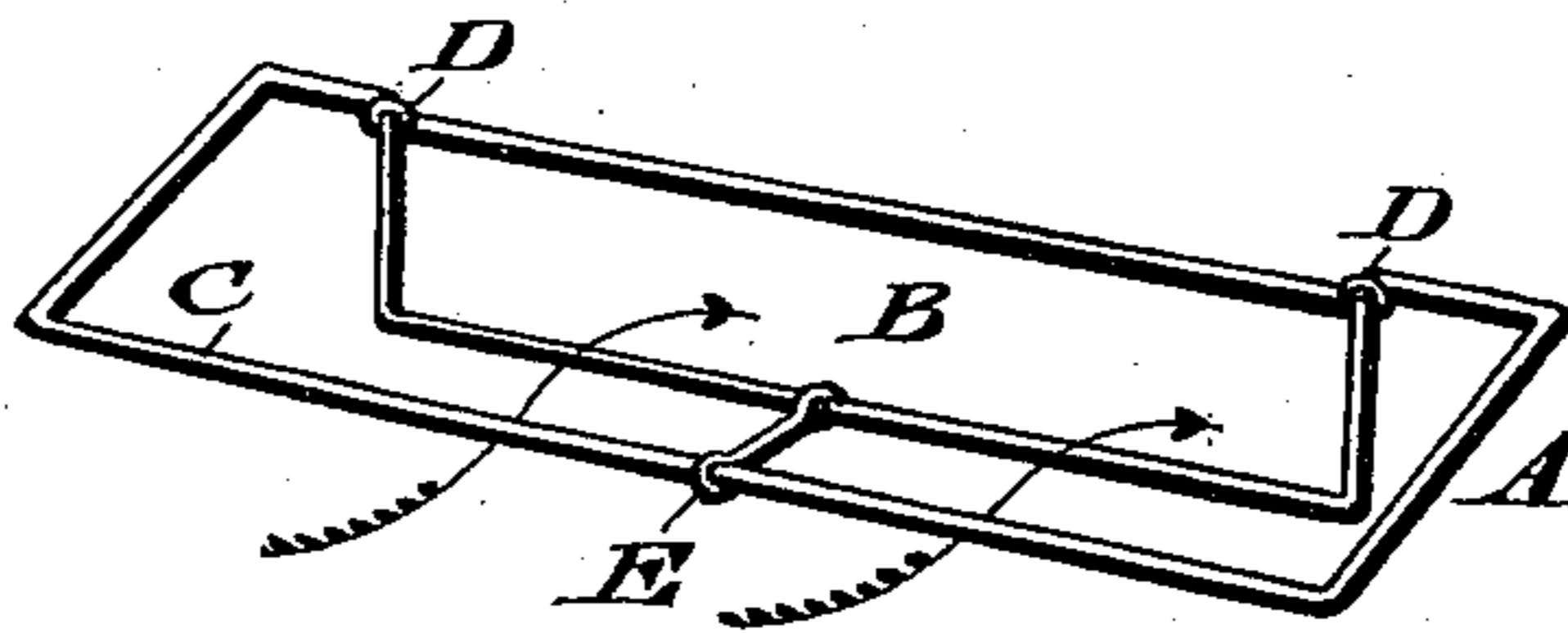
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## AWNING-VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 590,706, dated September 28, 1897.

Application filed May 18, 1897. Serial No. 637,054. (No model.)

*To all whom it may concern:*

Be it known that we, HARRY J. LENTZ and ALEXANDER J. ROBINSON, citizens of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Awning-Ventilators, which improvement is fully set forth in the following specification and accompanying drawings.

Our invention consists of a ventilator for an awning, the same being constructed of a frame, one portion of which serves to preserve an opening in the awning and the other forms a guard over said opening for preventing the entrance of sun and rain therethrough.

It also consists in so constructing the guard that it prevents the entrance of rain at the sides of the ventilator.

It also consists of means for connecting the frames and bracing the same intermediate of the sides thereof.

Figure 1 represents a front view of an awning-ventilator embodying our invention. Fig. 2 represents a section thereof on line  $x x$ , Fig. 1. Fig. 3 represents a perspective view of the frame of the ventilator detached from the awning.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a ventilator consisting of the rear frame B and the front frame C, each of which is substantially of quadrilateral form and constructed of wire united in a suitable manner at the points D, it being noticed that the frame C is wider than the frame B, so as to overlap the latter, it also being noticed that an opening is formed in the awning and the frame B secured to the walls of the same, thus controlling said opening and preventing closing thereof.

The frame C is covered with suitable fabric, that of the awning preferred, and the same extends in an inclined direction over said opening downwardly and outwardly from the upper side of the frame B, so as to overhang

the opening, while, however, leaving the same open, whereby air is permitted to enter the opening from below the frame C, and thus pass through the awning to the window whereon the awning is located. It will also be noticed that the frame C is of such dimensions in the vertical direction thereof that its forward side is below the lower wall in the opening in the awning, by which provision the sun is prevented from shining through the opening and rain prevented from passing into the same. Furthermore, as the frame C is wider than the frame B the sides of the former extend laterally beyond those of the latter, and consequently those of the opening in the awning, thus forming guards which prevent dropping of rain into said opening.

In order to strengthen the frames B and C and prevent them from closing or being deflected toward each other, especially when made of wire, as above stated, there is connected with opposite parts of said frames, between the sides thereof, a cross-bar E, which acts as a brace and stiffener for said frames, especially at their lower portions, thus preventing the improper bending of the frames and closing of the opening in the awning. It will also be seen that the frames are flexible or pliable in their nature, and when the awning is raised the fabric of the awning may be readily gathered over the ventilator, the latter yielding sufficiently so as not to interfere with the proper folding of the awning.

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

1. An awning-ventilator consisting of frames which are connected with each other angularly; one frame being adapted to be connected with the walls of the opening in the awning and the other to overhang said opening, the overhanging part being of greater width than the other part, so as to overlap the latter.

2. An awning-ventilator consisting of a two-part frame provided with a brace con-

necting portions of said frame between the sides thereof.

3. A frame for an awning-ventilator consisting of two parts angularly connected with  
5 each other, one portion being adapted to be secured to the walls of an opening in the awning, and the other extending angularly outward, and to cover and overhang said

opening and a brace connecting said parts between the sides thereof.

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