

S. COLAHAN.

WINDOW-SCREENS AND AWNINGS.

No. 188,724

Patented March 27, 1877.

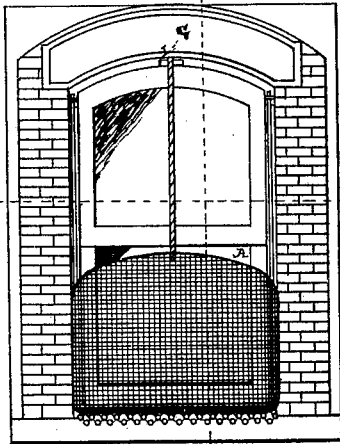


Fig 1

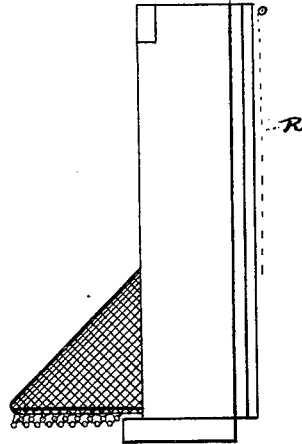


Fig 2

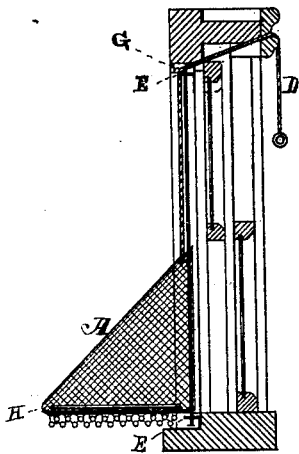


Fig 3

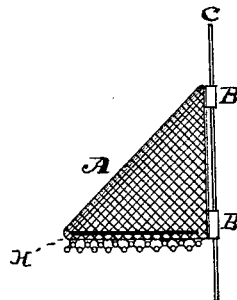


Fig 5

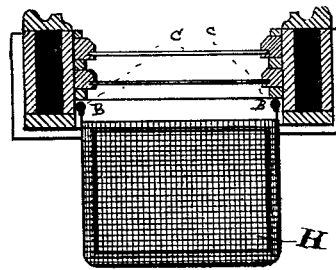


Fig 4

WITNESSES
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Jos. Colahan

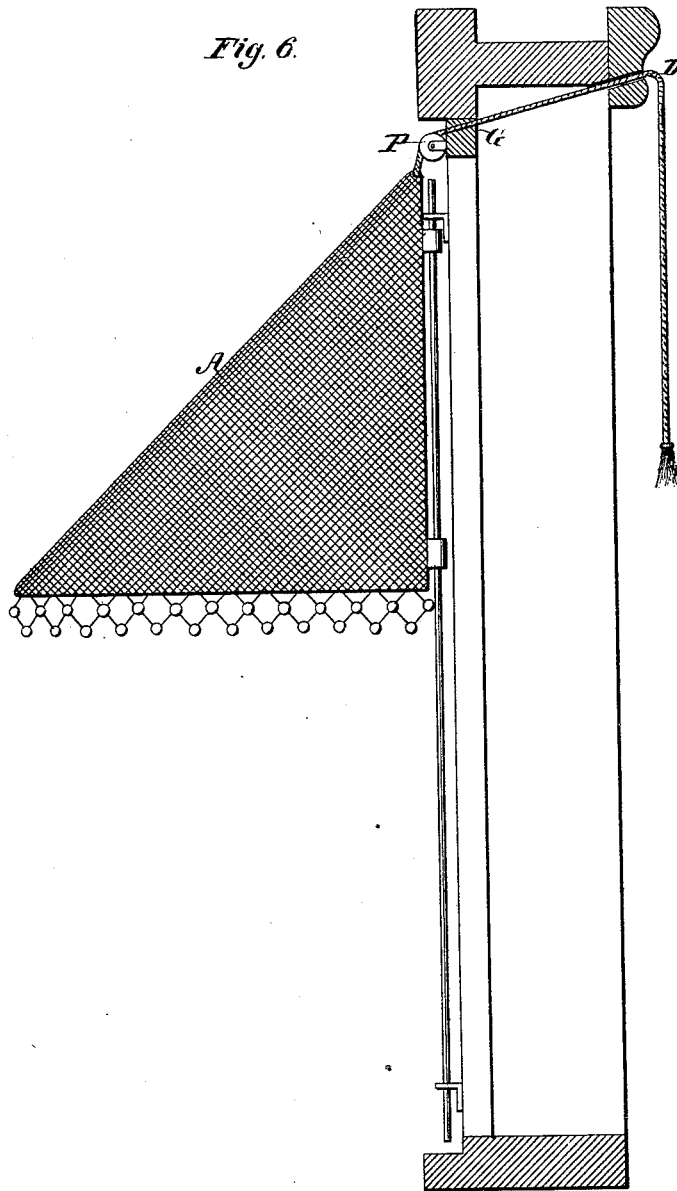
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Witnesses.

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UNITED STATES PATENT OFFICE.

SAMUEL COLAHAN, OF CLEVELAND, OHIO.

IMPROVEMENT IN WINDOW SCREENS AND AWNINGS.

Specification forming part of Letters Patent No. **188,724**, dated March 27, 1877; application filed July 25, 1876.

To all whom it may concern:

Be it known that I, SAMUEL COLAHAN, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Screens, Protectors, or Awnings; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of the specification, the different figures representing details thereof, which will be hereinafter more specifically referred to.

Similar letters of reference denote like parts in the drawings, as referred to in the specification and claims.

The object of my invention is to secure a portable, adjustable, and economical screen, awning, or frame as a protection to the window in case of storm or hail. The same is so constructed, arranged, and operated that it is capable of being readily adjusted to different heights to the window, and, when covered with a closely-woven wire fabric or other material that will exclude the rays of the sun, it may be lowered to any desired point in front of the window, and while the curtain on the inside of the window is also lowered to a point near the top of the screen, the desired protection from the outside will be secured, and the air be permitted to circulate through the window by having the sash raised, securing a free ventilation of the apartment at all desired times, while in case of storm the rain is excluded, and, when on the lower windows, the hinged door or apron on the inner side is closed down and additional protection is afforded, and said door serves as a guard from intrusion from outside.

In the drawings, Figure 1 represents the screen lowered from the top to the base of the window. Fig. 2 is a side view with the screen lowered to the base, and the curtain of the window (shown by the dotted lines R) lowered to a point near the top of the screen. Fig. 3 is a sectional view, exhibiting the mode of attaching the guide-rod to frame of window, also the cord attached to screen and passing through frame of window to apartment. Fig. 4 is a vertical view, exhibiting the hinged door or apron which closes the screen at the bottom. Fig. 5 is a sectional view, showing the sleeves or rings attaching screen or frame thereof to the guide-rods. Fig. 6, Sheet 2,

shows screen or frame raised to the top of window, with cord and pulley or sheave P at aperture G.

In operation, the screen or frame is supported from above by cord D, said cord being attached in a suitable manner at the top of screen or frame, and passes over a sheave or roller, P. At the outside of frame of window, and passing through the aperture in frame of window at G, to the apartment, and in reach of the person who may desire to adjust the same, the screen may be raised or lowered, and secured by the cord inside, as will be seen in Figs. 3 and 6.

As the screen or awning A is being adjusted, and in order to secure it to the window firmly, I have attached the same to the sleeve or ring B, said sleeve or ring B encircling the rod C, as seen in Figs. 5 and 6, there being a ring or sleeve, B, attached at each upper and lower inside corner of screen or frame, and the guide-rod C at each side of the window serve as a firm support and guides when used and operated in combination with the sleeves or rings.

Said rods C are secured at the side of the window by means of brackets E, said brackets being secured to the frame of the window at each end, above and below the sleeve, the rod passing through a hole in the bracket, where it is firmly held, and the general construction and arrangement of all the parts, as clearly exhibited in the accompanying drawings, are such as to permit the free up and down movement, as heretofore described, of said screen or awning frame.

What I claim, and desire to secure by Letters Patent as my invention, is—

1. An adjustable window-awning, disconnected at all points from the window-frame, and adapted to slide up and down on the rods C C, and to be operated by suitable mechanism, substantially in the manner and for the purpose specified.

2. The adjustable screen A, in combination with the apron or door H, constructed and operated substantially as described, and for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses: SAMUEL COLAHAN.

H. GILBERT,
JOHN COLAHAN.