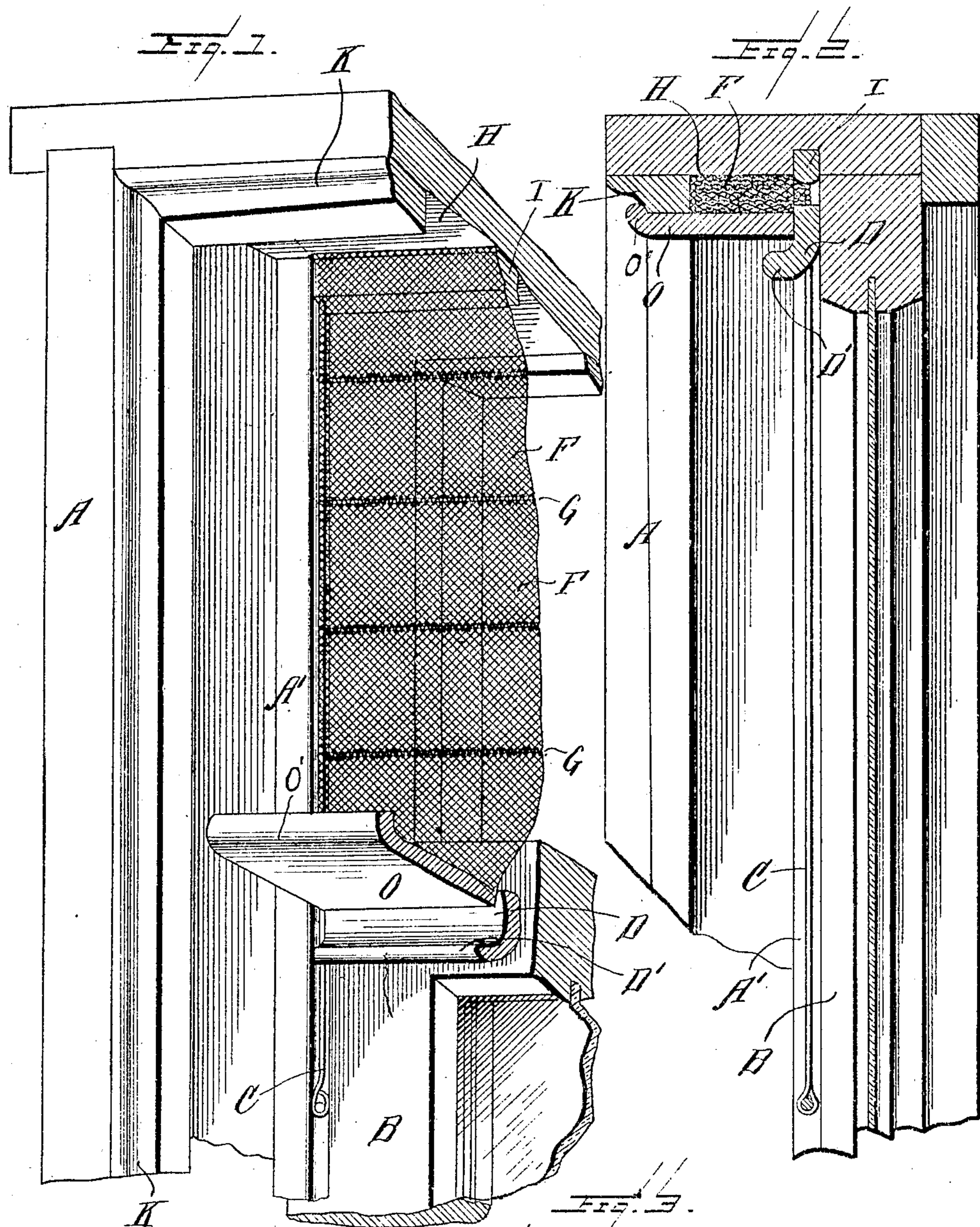


No. 875,861.

PATENTED JAN. 7, 1908.

E. S. STANCLIFT.  
AUTOMATIC FOLDING WINDOW SCREEN.

APPLICATION FILED AUG. 30, 1907.



WITNESSES:

*W. F. Hough*  
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*A* *N* *G* *F*  
*C*

BY

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# UNITED STATES PATENT OFFICE.

EVERETT S. STANCLIFT, OF BERKELEY, CALIFORNIA.

## AUTOMATIC FOLDING WINDOW-SCREEN.

No. 875,861.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed August 30, 1907. Serial No. 390,821.

*To all whom it may concern:*

Be it known that I, EVERETT S. STANCLIFT, a citizen of the United States, residing at Berkeley, in the county of Alameda and State of California, have invented certain new and useful Improvements in Automatic Folding Window-Screens; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in automatic folding window screens and the object of the invention is to produce a simple and efficient apparatus of this nature, comprising a screen made up of sections which are hinged together and adapted, when not in use, to be folded into a compact form and covered by a suitable molding, making the screen invisible and protecting the same against the elements.

My invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of my improved automatic folding screen, the same being shown partially folded in dotted lines. Fig. 2 is a sectional view through the sash and screen, showing the latter folded, and Fig. 3 is a sectional view showing the manner in which the screen is guided upon a rod fastened to the parting strip of the frame.

Reference now being had to the details of the drawings by letter, A designates the frame of a window having the usual parting strip A', and B designates the upper sash of a window adapted to have a sliding movement in the guide way provided therefor.

C designates a rod which is fastened to the outer edge of the parting strip and is parallel and spaced apart from the latter and serves as a guide rod for the screen.

D designates a plate or strip of any suitable material fastened preferably to the outer face of the upper rail of the sash and has its lower end outwardly turned as at D', serving as a handle whereby the sash may be conveniently raised or lowered.

F—F designate the sections of a screen, each of which is pivotally connected to a coiled wire G. The lower of said sections is fastened to the plate D and the upper section is fastened securely to the window frame in the recess H which is formed intermediate the strip I and the molding K.

O designates a molding, the inner end of which is fastened to the face of the strip or plate D and, projecting at right angles therefrom has its outer longitudinal edge upwardly turned, at O', and is adapted to contact with the horizontal strip of molding K when the sash is at its highest limit, thus completely closing the folded screen and obscuring the same from view. In this position, the molding O also serves as a protection to the screen by shielding the same from water or the elements. To the end of each alternate coil to which the screen sections are riveted is an eye N through which said rod passes, whereby the screen may be guided as it is unfolded or folded and said eyes also serving to hold the edges of the screen in close proximity to the outer edge of the parting strips, it being understood that each side of the window frame is similarly provided with a guide rod to which the screen sections are held.

By the provision of a screen made in accordance with my invention, it will be noted that, when the window is closed, the screen is entirely out of sight and thoroughly protected. The window sash may be lowered to any location, the screen holding the sash by the unfolding or extension of the screen sections.

What I claim to be new is:—

1. An automatic foldable window screen comprising, in combination with a window frame and sash working in suitable guide-ways therein, a screen made up of sections hinged together, one of the end sections of the screen being fastened to the frame and the other to the sash, a guide rod fastened to the frame, connections between the sections and said rod, and a molding movable with the sash and adapted to hold the sections together when the screen is folded, as set forth.

2. An automatic foldable window screen comprising, in combination with a window frame and sash working in suitable guide-ways therein, a screen made up of sections hinged together, one of the end sections of the screen being fastened to the frame and

the other to the sash, a guide rod fastened to the frame, connections between the sections and said rod; a stationary molding fixed to the frame forming a recess intermediate the same and the guideway in which the sash is mounted, a laterally projecting molding upon the sash adapted to close the said recess when the screen is folded therein, as set forth.

3. An automatic foldable window screen comprising, in combination with a window frame and sash working in suitable guideways therein, a screen made up of sections hinged together, one of the end sections of the screen being fastened to the frame and the other to the sash, a guide rod fastened to the frame, connections between the sections and said rod, a stationary molding fixed to the frame forming a recess intermediate the same and the guideway in which the sash is mounted, a laterally projecting molding upon the sash adapted to close the said recess when the screen is folded therein, and a

plate fixed to the sash and positioned adjacent to said laterally projecting molding as set forth.

4. An automatic foldable window screen comprising, in combination with a window frame and sash working in suitable guideways therein, a screen made up of sections hinged together, a guide rod fixed to the frame, connections between said rod and the sections of the screen, a strip seated in a recess in the frame, one of the end sections of the screen fastened to said strip and the other end section to the sash, a laterally projecting molding upon the sash designed to hold the sections of the screen folded, as set forth.

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

EVERETT S. STANCLIFT.

Witnesses:

W. B. MORRISH,  
E. E. NEWTON.