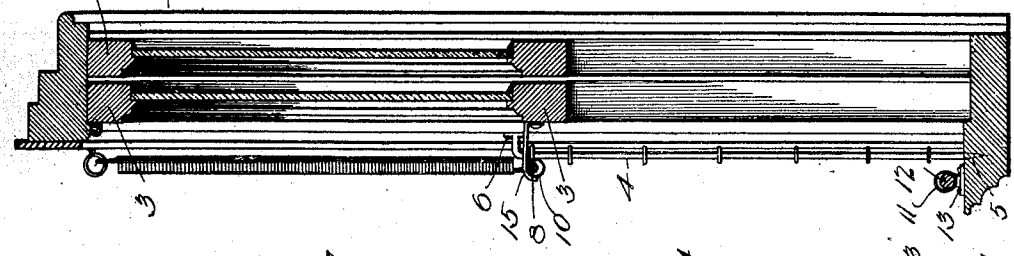
M. R. DENNHARDT.

WINDOW GUARD.

APPLICATION FILED NOV. 7, 1908.

923,153. Patented June 1, 1909.

Fig. 2.



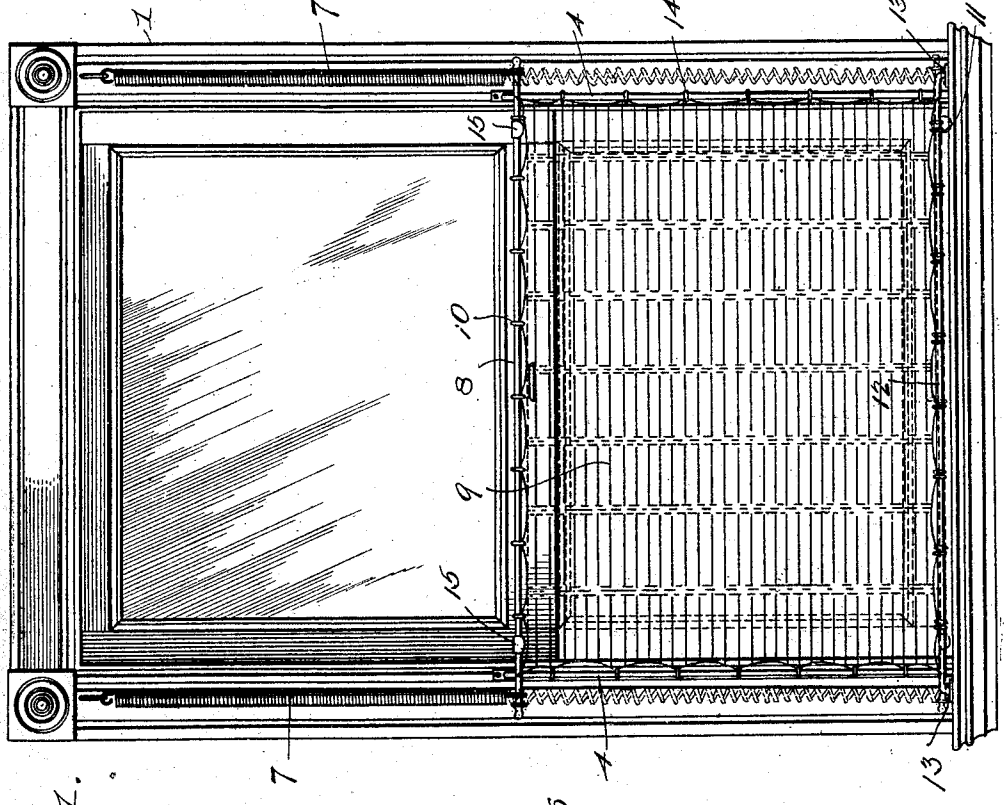
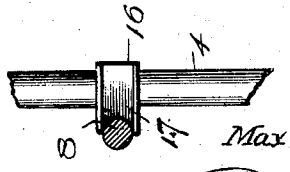


Fig. 1.

Fig. 3.



Witnesses

T. L. Woodward

J. R. Woodworth.

Inventor

Max R. Dennhardt

By Percy M. Smith

Attorney

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

MAX ROBERT DENNHARDT, OF HONESDALE, PENNSYLVANIA.

WINDOW-GUARD.

No. 923,153. Specification of Letters Patent. Patented June 1, 1909.

Application filed November 7, 1908. Serial No. 461,543.

To all whom it may concern:

Be it known that I, MAX ROBERT DENNHARDT, a citizen of the United States, residing at Honesdale, in the county of Wayne and State of Pennsylvania, have invented a certain new and useful Window-Guard, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to window guards, the object of the invention being to provide a simple, practical and safe device of the character referred to which may be readily applied to any sliding sash and window frame so that in raising the lower sash, the guard, which is flexible, is simultaneously elevated with the sliding sash and spread across the opening thereby left beneath the raised sash of the window.

The guard when in place admits of perfect ventilation and yet prevents persons from leaning out of the window and falling therefrom. The guard also prevents persons from surreptitiously entering an apartment protected by means of the guard.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts as herein fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a view in elevation, showing the guard applied to a window, with the sash raised. Fig. 2 is a vertical cross section through the same. Fig. 3 is an enlarged detail section showing one of the runners and a portion of one of the guides.

Referring to the drawings, 1 designates a window frame or casing, 2 the upper sash thereof and 3 the lower sash, the said parts being of the usual construction and arrangement.

In carrying out the present invention, the guides 4 in the form of rods are secured to the opposite sides of the window frame as shown in Fig. 1, said guides consisting of rods of suitable length having their lower ends secured to or in the window sill as shown at 5 and their upper ends bent inward and secured to the adjacent part of the window casing as shown at 6. The guides 4 are thus held fixed.

Supported by means of lifting springs 7 arranged at opposite sides of the window opening, is a traveler bar or rod 8 to which is connected the upper edge of a flexible guard 9 consisting of any suitable fabric such as open net work to allow for proper ventilation. The flexible guard 9 may be provided with rings or eyes 10 strung along and upon the traveler bar 8 as indicated in Figs. 1 and 2. The lower edge of the flexible guard is likewise provided with eyes or rings 11 which are strung upon a stay bar 12 secured at its opposite ends to the window sill as shown at 13. Along its opposite side edges, the flexible guard is provided with eyes or rings 14 which travel up and down on the guides 4 hereinabove referred to. Thus the flexible guard is secured along all four of its sides or edges.

In order to cause the traveler bar 8 to move up and down with the upper sliding bar 3, said sash is provided with outwardly extending fingers or clips 15 the outer ends of which are hooked downward to embrace said traveler bar as clearly shown in Fig. 2. Thus, as the sash is slid downward, the fingers or clips 15 act to depress the traveler bar 8 and when the sash is raised, the traveler bar 8 pushes upward against the clips or fingers 15, the elevating springs 7 serving to assist in the upward sliding movement of the sash.

Any suitable means may be employed for locking or fastening the window sash, such means forming no part of the present invention. When the lower sash is in its downward or closed position, the flexible guard folds down snugly and lies upon the window sill.

In order to provide for the free sliding of the traveler bar 8, said bar is provided adjacent to its opposite ends with runners 16 embracing the guides 4 and flanged or provided with grooves 17 in which the traveler bar 8 is received, the bar 8 being fastened in any suitable manner as by welding in the grooves 17 of the runners.

I claim:—

1. The combination with a sliding window sash, of a traveler bar adapted to move therewith, springs acting to elevate said bar, means on the sash adapted to depress said bar in opposition to the resistance of the springs as the sash is lowered, and a flexible guard secured at its upper edge to the traveler bar and at its lower edge to the window sill, and adapted to be raised and lowered by a corresponding movement of the window sash to which it is connected.

2. The combination with a sliding window sash provided with outwardly extending clips or fingers, of a traveler bar engaging said fingers, elevating springs operating to sus-

tain the traveler bar in contact with said clips or fingers, and a flexible guard connected at its upper edge to said traveler bar and at its lower edge to the window sill, substantially as described.

3. The combination of a sliding window sash, of clips or fingers extending outward therefrom, a traveler bar, elevating springs for sustaining said traveler bar in engagement with said clips or fingers, a stay bar secured to the window sill, guides extending vertically at opposite sides of the window opening, and a flexible guard having its top and bottom edges secured respectively to the traveler bar and stay bar and the side edges thereof strung upon the vertical guides, substantially as described.

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

MAX ROBERT DENNHARDT.

Witnesses:
PHILIP KRANTZ,
ROBT. A. SMITH.