

S. WEINHANDLER.
Window-Guard.

No. 217,659.

Patented July 15, 1879.

Fig. 1

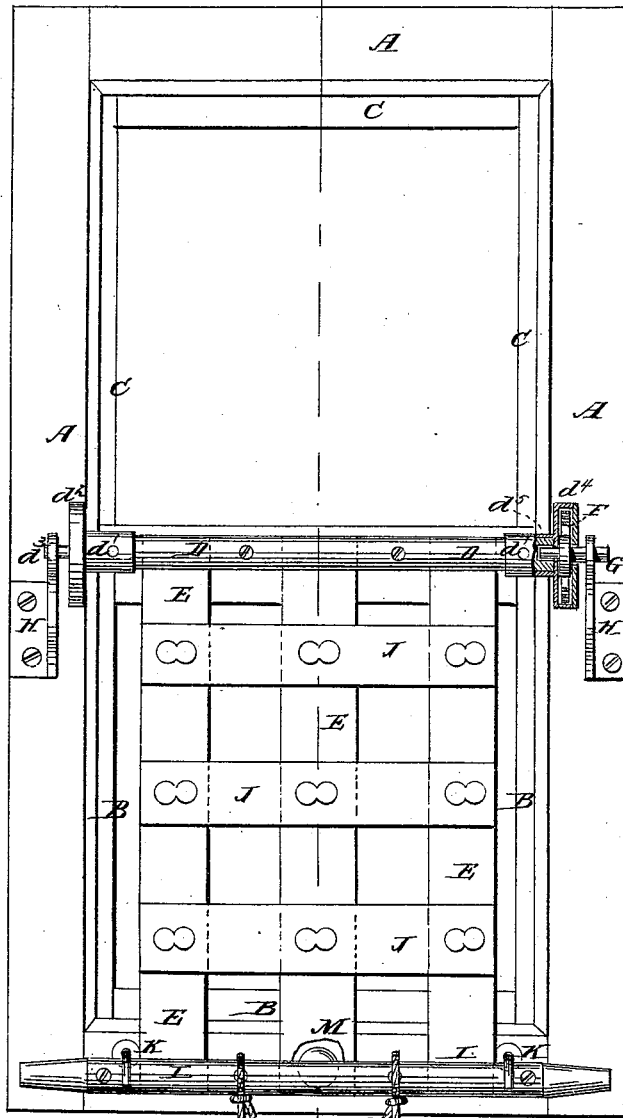


Fig. 2

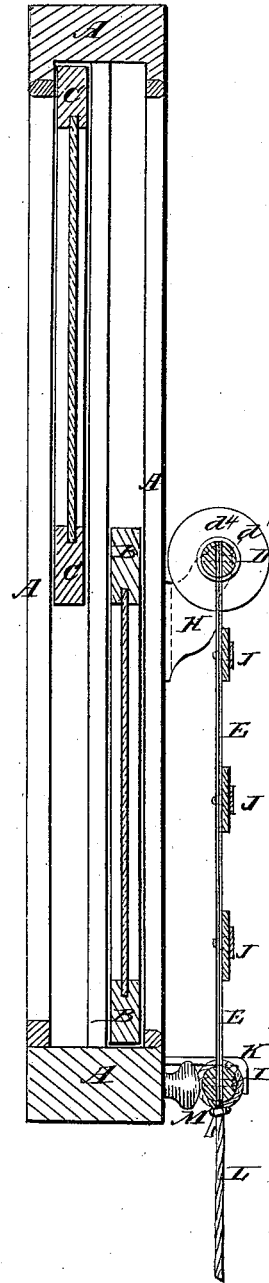
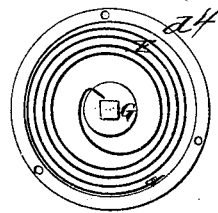


Fig. 3



WITNESSES:

F. M. Arde
C. Sedgwick

INVENTOR:

S. Weinhandler
BY *Mum Ho*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

SOLOMON WEINHANDLER, OF NEW YORK, N. Y.

IMPROVEMENT IN WINDOW-GUARDS.

Specification forming part of Letters Patent No. **217,659**, dated July 15, 1879; application filed March 11, 1879.

To all whom it may concern:

Be it known that I, SOLOMON WEINHANDLER, of the city, county, and State of New York, have invented a new and useful Improvement in Window-Guards, of which the following is a specification.

Figure 1 is a front view of my improved device, shown as applied to a window, the spring and cap being shown in cross-section. Fig. 2 is a vertical section of the same, taken through the line *x x*, Fig. 1. Fig. 3 is a detail view of the spring.

The object of this invention is to furnish an improved device for attachment to windows to serve as a guard to the window when open to prevent children from falling out through it, and which shall be so constructed that it will rise out of the way when not required for use and when released from its fastenings, and which, when in use will allow the air to pass through freely.

The invention consists in the guard formed of the longitudinal rubber strips, the cross rubber strips, and the bar, in combination with the roller and the coiled spring, the stationary pivot, the bearings, and the hooks or catches, as hereinafter fully described.

Similar letters of reference indicate corresponding parts.

A represents the casing of a window. B is the lower sash, and C is the upper sash, about the construction of which parts there is nothing new. D is a roller, to which is attached the upper ends of a number of strips, E, of rubber.

The roller D is made in two halves. The ends of the rubber strips E are placed between their flat sides, and they are then fastened together with screws.

The ends of the roller D are inserted in sockets *d*¹. One of the sockets *d*¹ has a flange, *d*², and pivot *d*³ formed upon its outer end. The other socket *d*¹ has a flange, *d*⁴, and a pivot-hole, *d*⁵, formed upon it. The outer side of the flange *d*⁴ is recessed to receive a coiled spring, F, the outer end of which is secured to the rim of the said flange *d*⁴.

The inner end of the spring F is secured to a small flange formed upon the pivot G.

The inner end of the pivot G enters the pivot-hole *d*⁵ in the socket *d*¹. The outer end of the pivot G is made square or flat, to enter a similarly-shaped hole in the bearing H, so that the said pivot will be held still while the roller D revolves upon it.

The other pivot, *d*³, revolves in a notch in the other bearing H, where it may be secured in place by a pin passed into the said bearing above the said pivot.

The bearings H are designed to be attached to the casing A in such positions that the said roller D may be about opposite the meeting-rails of the sashes B C.

The lower ends of the rubber strips E are attached to a bar, I, which is made in two parts or halves, secured to each other by screws, and clamping the ends of the said strips E between them. The ends of the bar I may be rounded off, or may have ornamental-cap sockets placed upon them.

To the longitudinal rubber strips E are attached, at suitable distances apart, cross-strips J, of rubber, as shown in Figs. 1 and 2.

The rubber strips E J should be made of such strength that they cannot be pulled or pushed out of the way.

The bar I, when drawn down, is hooked upon hooks K, or other fastenings, attached to the lower part or sill of the casing.

The longitudinal rubber strips E should be made of such a length that when the bar I is hooked upon its fastenings they will have sufficient tension to keep them in place.

With this construction, when the bar I is drawn down the revolution of the roller D will wind up or coil the spring F, so that when the said bar I is released from its fastenings K the uncoiling of the said spring F will wind up the guard E J upon the said roller D.

To the bar I is attached a cord, L, for convenience in drawing the guard down, when desired, and which, when the said guard is rolled up, may be caught upon, or fastened to, a knob, M, or other fastening attached to the window-sill.

The roller D and its attachments may also be used with a shade, if desired.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

The guard formed of the longitudinal rubber strips E, the cross rubber strips J, and the bar I, in combination with the roller D and the coiled spring F, the stationary pivot

G, the bearings H, and the hooks or catches K, substantially as herein shown and described.

SOLOMON WEINHANDLER.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.