A. BROUNE.

COLLAPSIBLE WINDOW GUARD.

APPLICATION FILED NOV. 23, 1915.

1,187,809. Patented June 20, 1916.

Fig. 1.

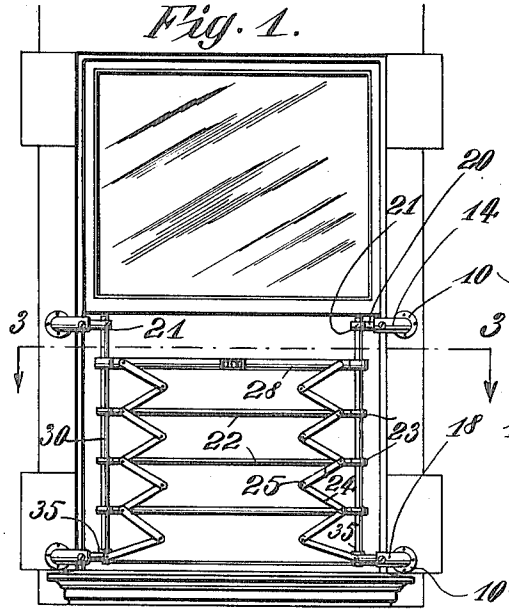
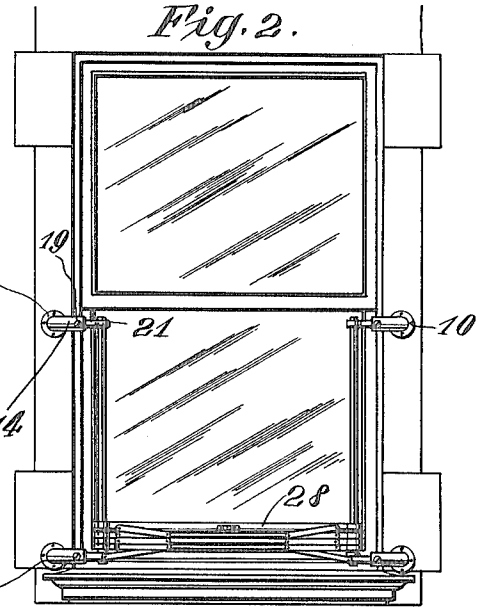



Fig. 2.



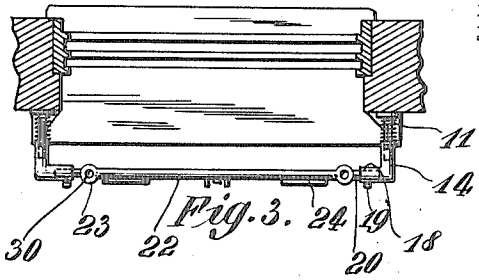




Fig. 3.

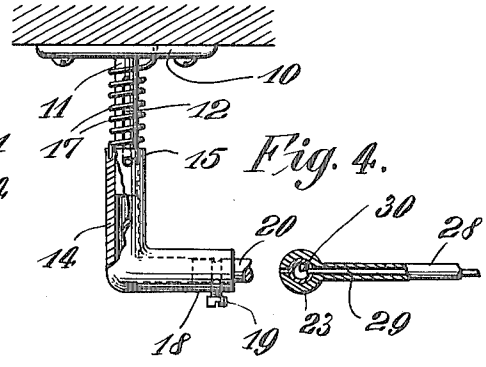



Fig. 4.

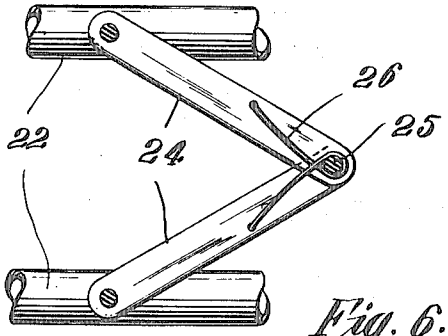



Fig. 6.

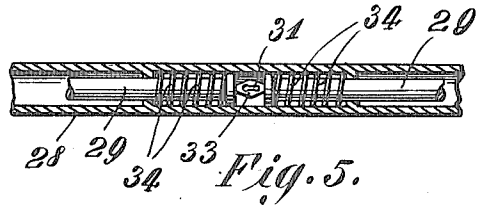



Fig. 5.

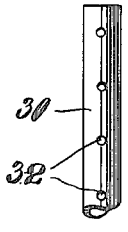



Fig. 7.

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# UNITED STATES PATENT OFFICE.

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## COLLAPSIBLE WINDOW-GUARD.

1,187,809. Specification of Letters Patent. Patented June 20, 1916.

Application filed November 23, 1915. Serial No. 62,991.

*To all whom it may concern:*

Be it known that I, ABRAHAM BROUNE, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Collapsible Window-Guards, of which the following is a specification.

This invention relates to improvements in window guards and particularly to such as are adapted to be disposed in the windows of dwellings, where it is desirable to prevent untoward accidents occurring to children and others from falling outwardly therefrom.

The principal object of the invention is to provide a device readily attachable to any common form of window whatever, having means whereby it may be expanded or retracted to suit any window frames of common construction.

A further object is in the provision of means whereby the protective bars may be elevated into operative position or depressed so as to present a clear space through the window opening.

A still further object is to provide means whereby the protective bars are positioned and held under tension outwardly beyond the window opening so that the sill of the same may be used for such purposes as are desired and which will permit the bending or limited leaning forward of a person without danger.

Those and other objects, such as neatness of appearance, low cost of construction, and general adaptability, are attained by the novel construction and combination of parts hereafter described and shown in the accompanying drawings, forming a material part of this specification, and in which:—

Figure 1 is a front elevation of a window, looking from the outer side thereof and having a guard attached, the parts being in operative position. Fig. 2 is a similar view, but showing the guards in a lowered or depressed position, leaving the window space open. Fig. 3 is a cross sectional view, taken on line 3—3 of Fig. 1, showing the guard supports in their outermost position. Fig. 4 is an enlarged sectional view, showing the corner securing means as extended outwardly to their extreme limit. Fig. 5 is an enlarged longitudinal sectional view, taken through the engaging means of the upper bar element. Fig. 6 is a further enlarged view, showing in detail fragments of the guard bars and operating means and Fig. 7 is a fragmental side elevation of the upper end of vertical guide members.

The invention, as disclosed in Figs. 1 and 2, is seen to be attached to the exterior of an ordinary window by means of the flanges 10, the lower of which are secured to the frame of the window, immediately above the sill, while the upper flanges are midway of the window, approximately at the bottom of the upper sash; these flanges have rigid stems 11, and slidable on the stems are hollow elbows 14. In order to maintain the elbows on the stems, the latter have slots 12 formed lengthwise and slidable in the slots are pins 15 set rigidly in the elbows, near one end, the pins also operating to maintain the elbows so that their inner, facing ends 18 are in alinement. Stiff coiled pull springs 17, encircle the stems 11 and have their ends firmly engaged respectively with the flanges and extreme ends of the elbows so as to draw the latter inward toward the window when extended. In the other opening at the end 18 of the elbows are received the stems 20 of the supports 21, the stems being grooved annularly so that the points of the set screws 19 may seat therein and be firmly held. While the foregoing specifically describes the construction shown in the drawing, it will be obvious that other supports differently constructed may be used. These supports are rigidly affixed to the tubes 30 extending vertical, parallel with each other and with the window.

A series of horizontal bars 22 are provided at their ends with ring elements 23, adapted to freely slide upon the vertical tubes 30 and are normally constrained toward each other by reason of the links 24, pivoted to them and which are hinged as at 25, at their opposite end and provided with springs 26, exerting their tension to close the links together in the manner of a pair of shears, except the last link which is pivoted to the lower support.

The upper element 28, in addition to its encircling ring about the tube, contains plunger rods 29, movable outwardly by reason of the cam 33 opposing the spiral push springs 34, the ends of the rods 29 being adapted to engage with a plurality of spaced openings 32 formed through the wall of the tubular members 30. Thus by turning the cam 33, which is provided with an opening

31 to receive a key by which it is operated, the rods 29 will be retracted, allowing the bars 22 to be raised or lowered as desired, and held in position by again turning the cam 33, allowing the springs to push the plungers 29, into engagement with others of the openings 32 in the tube 30.

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

1. In a window guard, a plurality of horizontal rods disposed across the window space, guide bars upon which said rods move vertically, supports for said guide bars, said supports being rigidly attached to the outside of the window frame, and resilient means interposed between said supports and said bars permitting said bars to move limitedly outward beyond their normal position.

2. In a window guard, a plurality of horizontal rods, support bars upon which said rods are vertically slidable, said support bars being limitedly movable to or from the window and disposed exteriorly thereto, links pivoted at one end to said rods in pairs, the opposite ends of said link pairs being pivoted together, means combined with each of said pairs of links adapted to draw said rods closely together, and means for engaging the uppermost of said rods with said support bars at different heights relative to the window space.

In testimony whereof I have signed my name to this specification.

ABRAHAM BROUNE.