

(No Model.)

2 Sheets—Sheet 1.

E. C. G. VON PEIN.
WINDOW GUARD.

No. 411,309.

Patented Sept. 17, 1889.

Fig-2-

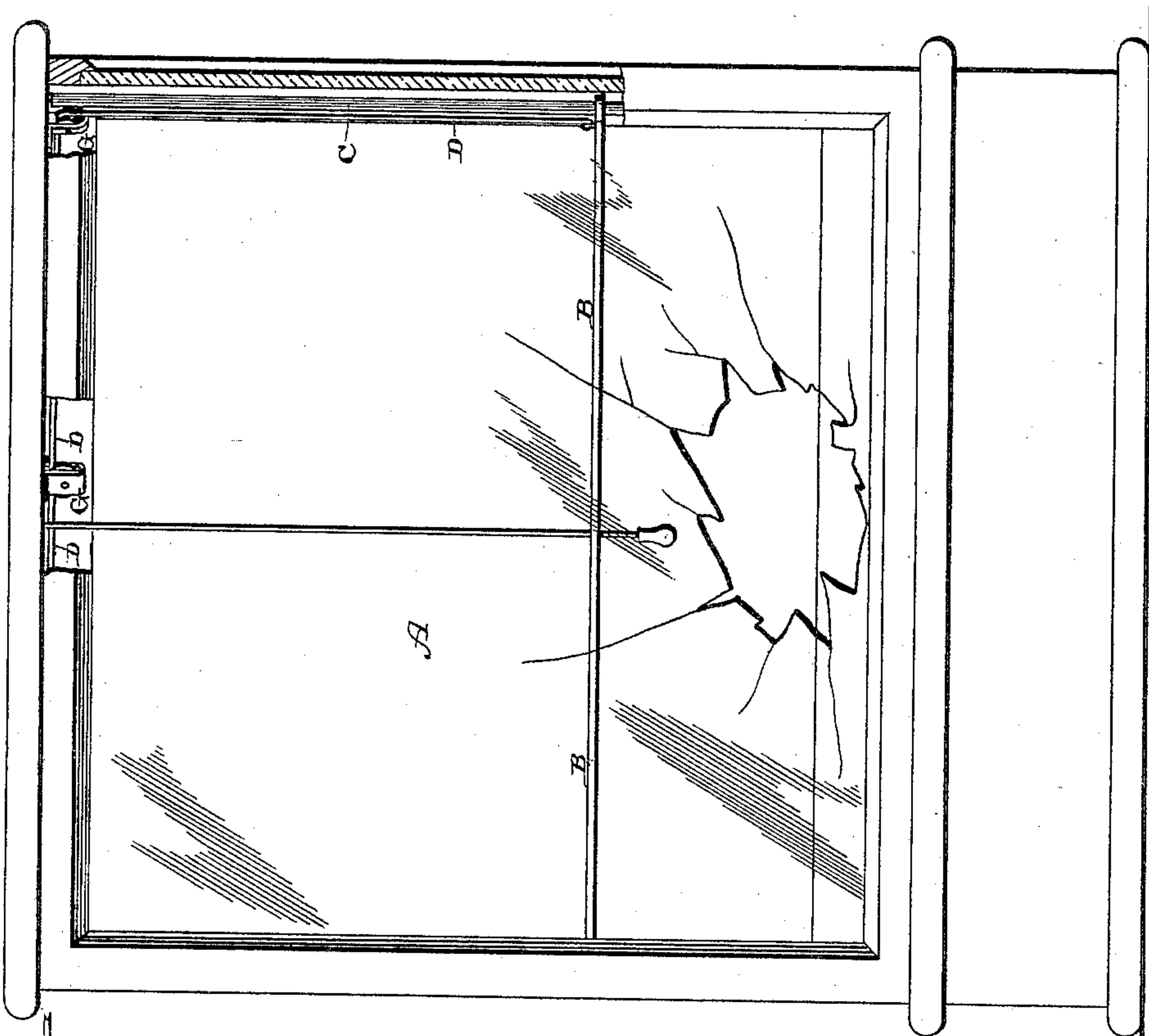
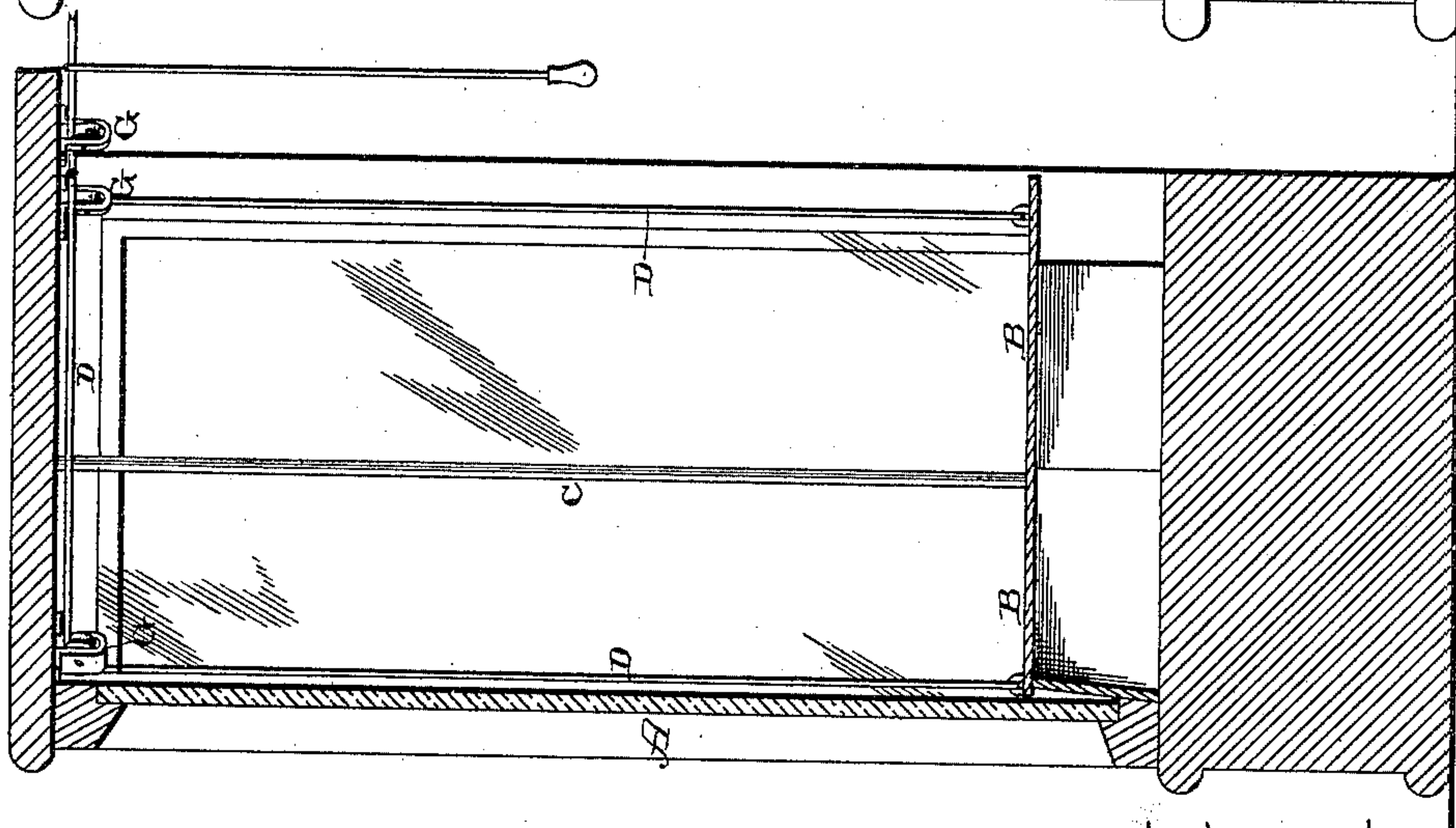


Fig-1-



Witnesses:

E. P. Ellis,
J. M. Nesbit.

Inventor:

Emil C. G. Von Pein,
per
J. A. Schmann, atty.

(No Model.)

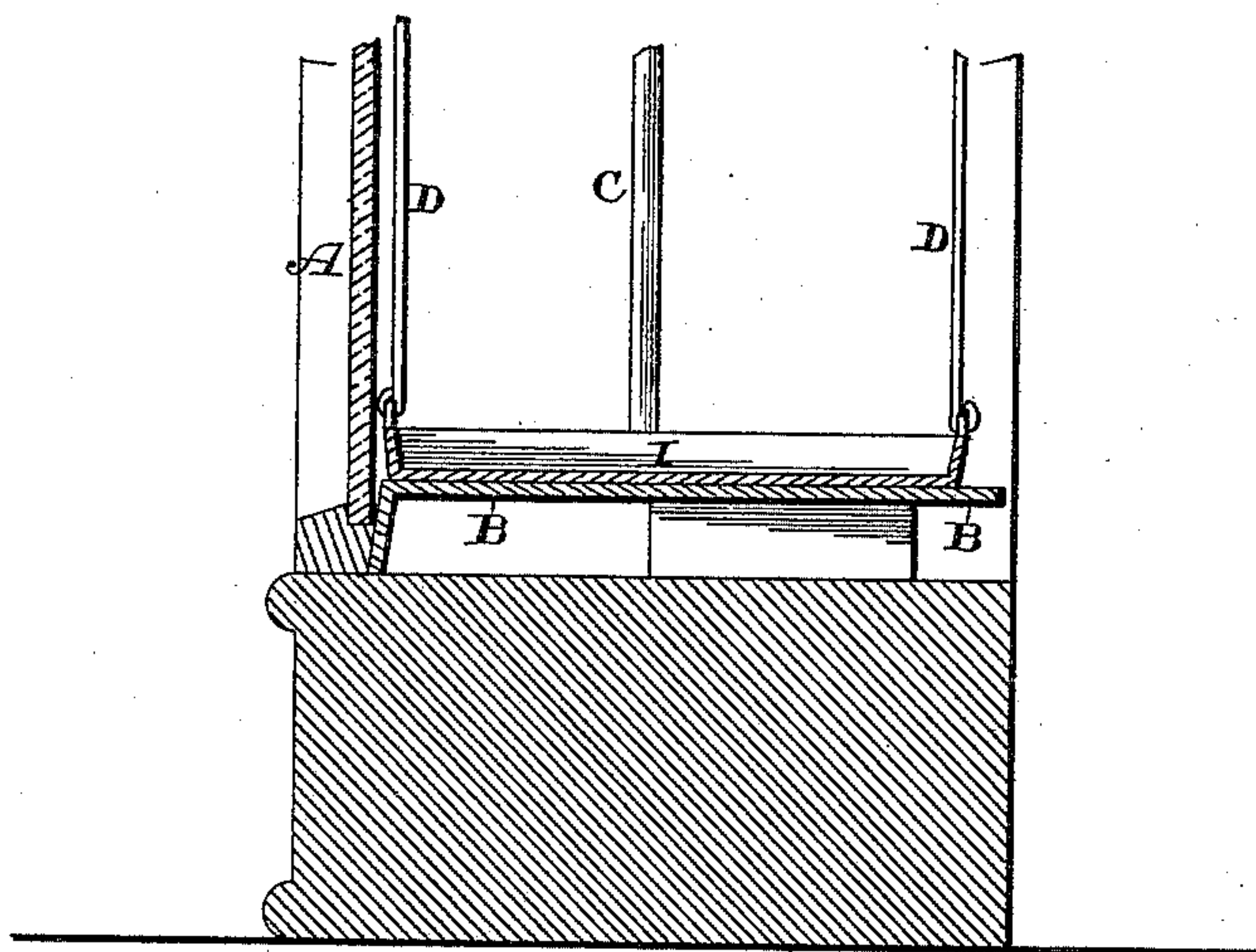
2 Sheets—Sheet 2.

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Fig. 3.



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Inventor:

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UNITED STATES PATENT OFFICE.

EMIL C. G. VON PEIN, OF NEW YORK, N. Y.

WINDOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 411,309, dated September 17, 1889.

Application filed May 13, 1889. Serial No. 310,549. (No model.)

To all whom it may concern:

Be it known that I, EMIL C. G. VON PEIN, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Window-Guards; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in window-guards; and it consists in the combination, with a vertically-movable tray or bottom for a show-window, of guiding-rods upon which the tray or bottom moves, elevating cords or chains, and guide-pulleys over which the chains pass, as will be more fully described hereinafter.

The object of my invention is to provide a show-window for stores of all kinds with a vertically-movable bottom or tray which can be instantly raised above the point at which the window-glass has been broken by a thief for the purpose of seizing the articles on exhibition in the window, and thus preventing him from carrying them off.

Figure 1 is a vertical section of a show-window which embodies my invention. Fig. 2 is a front view showing the tray or bottom of the window in a raised position. Fig. 3 is a sectional view of the lower portion of a window, showing a modification.

A represents an ordinary show-window, which projects outward beyond the front line of the building in the usual manner. Instead of making the bottom B of this window stationary in the usual manner, it is supported in position upon suitable supports placed in the bottom of the window for that purpose, and is made vertically movable above the supports. Should it be desired, the bottom may be stationary, and a tray which wholly or partially covers the bottom of the window may be vertically movable above the bottom. It is immaterial whether the bottom of the window itself or a tray which is placed upon the bottom is made movable. If a tray is to be used, it need not cover the whole of the bottom of the window, and then in this tray the most valuable goods will be placed. At each end of the window or at its center is a vertical guide-rod C, upon which the tray or bottom of the window moves, and connected to

this bottom or tray, either at all four of its corners or at any other suitable points, are the elevating cords or chains D, which pass up over suitable guiding-pulleys G in the top of the window-frame, and then pass back into the store above or below the under side of the ceiling, and to this cord or chain are connected a number of hanging cords or chains, so that a person in any part of the store can instantly raise the tray or bottom to any desired height before the thief who has broken the glass has time to seize the valuable articles on exhibition in the window.

A thief in breaking the glass of a show-window for the purpose of seizing the articles on exhibition breaks the glass as near as possible just above the articles which he wishes to seize, and the object of this invention is to provide a means for enabling any one in the store to instantly raise either the bottom of the window or the tray upon which the valuable articles are placed above the break in the glass, and thus defeat the thief's object, and, if possible, to catch the arm between the top of the tray and the lower edge of the broken glass, and thus prevent him from making his escape with any article he may have seized.

I do not limit myself to any particular details of construction, for the different parts may be slightly varied from what is here shown without departing from the spirit of my invention.

Instead of having the bottom B movable vertically, as shown in Figs. 1 and 2, a tray I may be used which will partially or wholly cover the bottom B, and the elevating-cords D attached directly to the tray, as shown in Fig. 3.

Having thus described my invention, I claim—

The combination, with a show-window having longitudinal guiding-rods and pulleys secured to the upper portion thereof, of a movable bottom or tray sliding on said rods and elevating cords or chains secured to the bottom or tray and passing over the pulleys, all combined to operate in the manner described.

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

EMIL C. G. VON PEIN.

Witnesses:

J. W. EVENDEN,
F. A. LEHMANN.