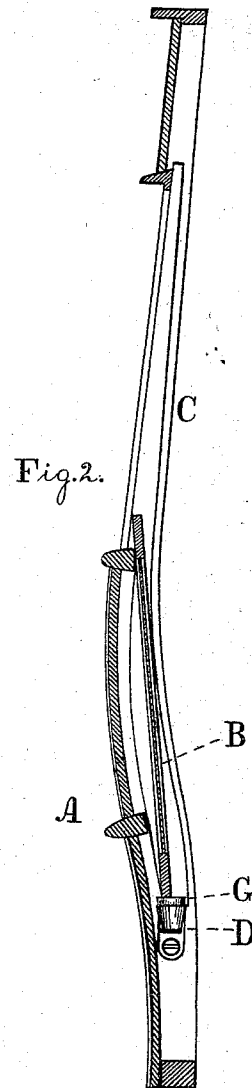
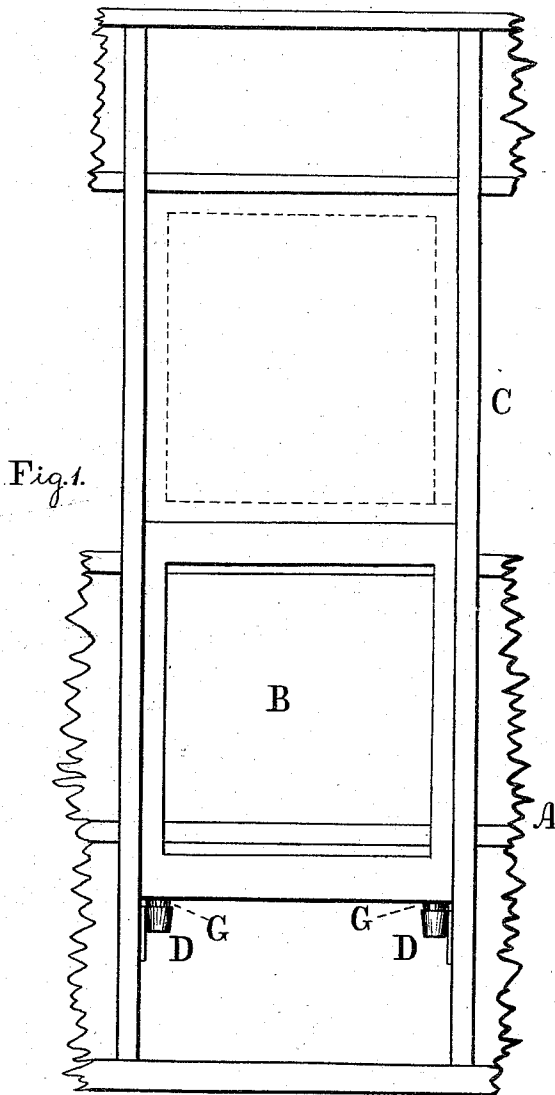


G. M. BRILL.
Car-Window Stops.

No. 156,764.

Patented Nov. 10, 1874.



Witnesses

L. F. Bruce.
A. T. Grant.

Inventor
George M. Brill,
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UNITED STATES PATENT OFFICE.

GEORGE M. BRILL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CAR-WINDOW STOPS.

Specification forming part of Letters Patent No. **156,764**, dated November 10, 1874; application filed July 31, 1874.

To all whom it may concern:

Be it known that I, GEORGE M. BRILL, of the city and county of Philadelphia, and the State of Pennsylvania, have invented a new and useful Improvement in Car-Window Stops; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a rear view of the device embodying my invention. Fig. 2 is a central vertical section thereof.

Similar letters of reference indicate corresponding parts in the two figures.

It is well known that the body of a car is constructed to admit of the windows being lowered thereinto, but, owing to the difficulty of holding and guiding said windows, they generally fall and strike with violence, thus endangering their safety. My invention is designed to remedy said defects; and consists in a novel arrangement of elastic stops, adapted to permit the windows, when being lowered, to fall thereon.

Referring to the drawings, A represents the body of a car, and B one of the windows thereof, which latter is adapted either to be lowered into the body or supported on a ledge, for respective purposes of opening and closing the window, as is well known. At or near the

bottom of the body A, at opposite sides of the grooved uprights C, on which the windows slide, I secure metallic sockets or brackets D, in which are fitted pieces G, of rubber or other elastic material, projecting upwardly, and so arranged and of such height or dimensions that the bottom of the frame of the window, when the latter is lowered, will come in contact therewith, and have a yielding bearing thereon.

It will be seen that when the window is lowered it may fall forcibly into the body of the car, but in doing so it strikes the elastic pieces G, and is thus easily and lightly checked thereby without danger of breaking the window or causing noise usually attending the descent of windows.

When the car is in motion and the window lowered, the latter, resting on the elastic stops, is prevented from rattling on said place of rest or support, owing to the elastic nature thereof, and thus another advantageous feature is added to the car.

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

The combination, with the car-body A and window B, of the elastic stops G and sockets D, applied and operating substantially as and for the purpose set forth.

GEORGE M. BRILL.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.