

E. A. SCHOELLER.

Car Window.

No. 112,639.

Patented March 14, 1871.

Fig. 1.

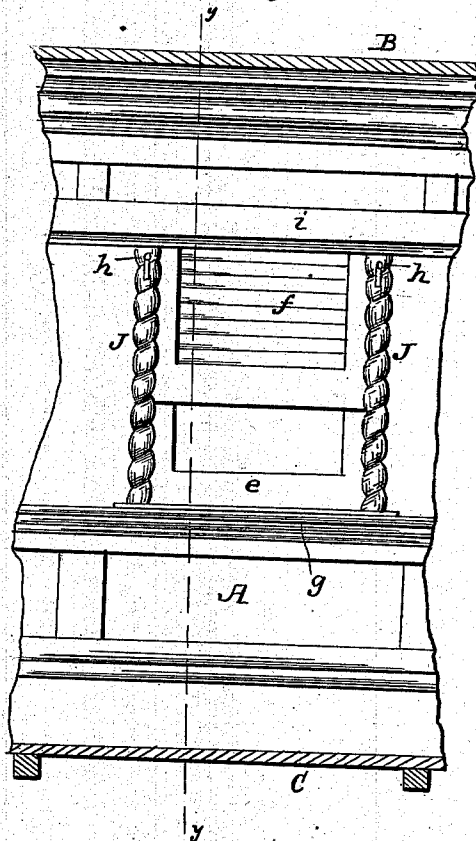
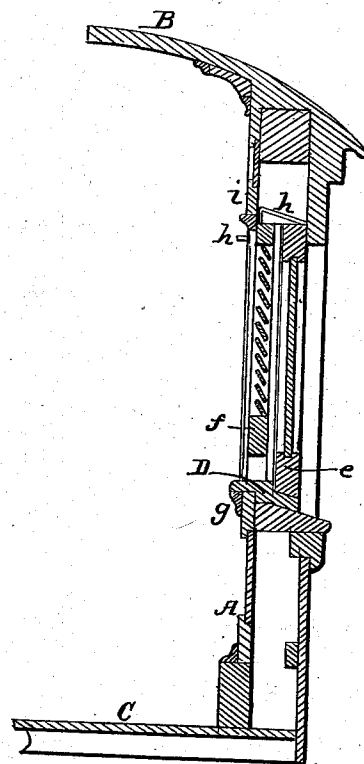


Fig. 2.



Witnesses:
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Inventor:
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United States Patent Office.

EARNEST A. SCHOELLER, OF CONNELLSVILLE, PENNSYLVANIA. #-

Letters Patent No. 112,639, dated March 14, 1871.

IMPROVEMENT IN WINDOWS FOR RAILWAY-CARS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, EARNEST A. SCHOELLER, of Conneltsville, in the county of Fayette and State of Pennsylvania, have invented a new and useful Improvement in "Fastening Windows in the Body of Railway-cars;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in securing the window-sash and blinds for the body of railway-cars in a detached frame, which is so arranged in the sides and ends of the car-body that it can be displaced and replaced with ease and facility for the purpose of washing the window-sash and blinds.

To enable others skilled in the art to make and use my invention, I will proceed to describe more fully its construction and operation.

In the accompanying drawing which forms part of my specification—

Figure 1 represents a section of the side, roof, and floor of a car-body, and represents my improvement in the window for the same.

Figure 2 is a vertical section of the same when cut through at line *y* of fig. 1.

A represents the side of a railway-car body;

B represents its roof; and

C its floor.

The frame D for the sash *e* and blind *f* is fitted in an opening made in the side or end of the car-body.

The lower bar of the frame D is rabbeted at its inner edge, so as to fit over the strip *g* on the side A.

The upper end of the frame D is provided with two springs *h*, which catch against the lining-strip *i* of the car-body.

The joints at each side of the frame D are covered by the molding J.

The upper end of the frame D is made open, so that the sash and blinds may be removed for the purpose of washing them and their frame. The frame is removed by pressing down on the springs *h*, and then drawing forward the upper end of the frame.

The advantage of my improvement consists in saving labor and expense in removing the sash and blinds from the car-body for the purpose of repairing and cleaning.

Having thus described the nature, construction, and advantages of my improvement,

What I claim as of my invention is—

The detachable frame D, provided with strips J, sash *e*, blind *f*, and springs *h*, the whole being constructed as described, and held in position through the medium of strips *g* and *i* and the springs *h*, as and for the purpose set forth.

E. A. SCHOELLER.

Witnesses:

A. C. JOHNSTON,

JAMES J. JOHNSTON.

#- Assignor to himself & Christian Balsley of same place.