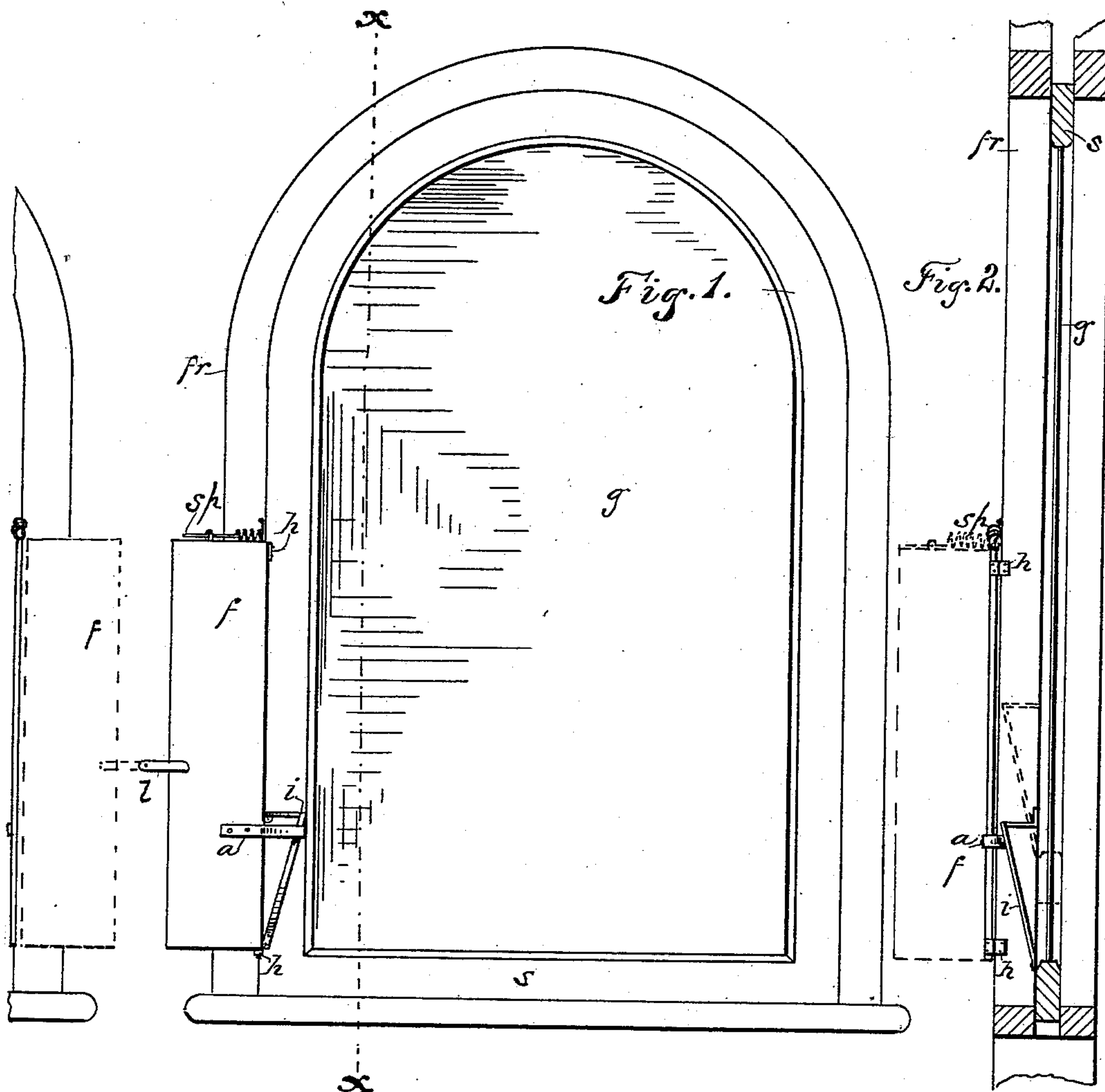


(No Model.)

O. C. RIFE.
WINDOW GUARD.

No. 379,332:

Patented Mar. 13, 1888.



WITNESSES.

Jacob M. Loeper
M. Loeper.

INVENTOR.

Obed C. Rife.

By C. F. Jacobs.
Atty.

UNITED STATES PATENT OFFICE.

OBED C. RIFE, OF INDIANAPOLIS, INDIANA.

WINDOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 379,332, dated March 13, 1888.

Application filed January 22, 1887. Serial No. 225,062. (No model.)

To all whom it may concern:

Be it known that I, OBED C. RIFE, of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful
5 Improvements in Window-Guards; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters refer to like parts.

10 My invention relates to the construction and arrangement of fenders or guards for car-windows and devices for opening them by raising and lowering the sash, and will be understood from the following description.

15 In the drawings, Figure 1 represents a car-window and a part of another, with the window guard hung upon opposite sides. Fig. 2 is a vertical section on the line *x x*.

20 In detail, *g* is the glass set in the sash *s*, *fr* being the window-frame.

f is the fender or guard hinged to each side of the casing at *h*, and *sp* is a coiled spring fastened to the casing above the fender, and having an extension which bears against a
25 small stop or projection on the upper end of the fender to throw it out at right angles to the window sash in operative position, as shown in the dotted lines in Fig. 2.

a is an arm bolted to the fender near its
30 lower end, which is pressed by a spring against the face of an inclined brace, *i*, secured to the sash, as shown in Figs. 1 and 2.

As the window-sash is raised, the incline *i* is lifted and carried away from the arm *a*, and
35 the force of the spring *sp* gradually forces the fender out until it assumes the proper operative position at right angles to the sash, forming a fender or guard and preventing cinders and dirt from entering the window from that
40 side. When the sash is lowered, the incline *i*, striking the arm *a*, forces the fender back against the side of the car, as shown in Fig. 1.

As these fenders are intended to be hinged

on each side of the casing, and only one side is to be used at a time, I provide a latch *l*, 45 (shown in Fig. 1,) which is fastened to a rod passing through the side of the car, with a knob on the end, and by turning this latch over, the fender on either side of adjacent windows may be held back against the side of the 50 car.

I am aware that dust-guards have been used upon car-windows heretofore, but know of no device wherein such guard is operated by raising or lowering the window-sash. 55

What I claim as my invention, and desire to secure by Letters Patent, is the following:

1. The guard *f*, hinged to the side of the window-frame, the spring *sp*, fastened to such frame and having an extension which operates 60 against a knob upon the top of the guard, so that the force of the spring will normally throw the guard out at right angles to the window-frame, the arm *a*, fastened to such guard near the bottom, and the incline *i*, secured 65 to the sash and in contact with the arm *a* when the sash is closed, whereby the lifting of the sash will allow the spring to exert its force to throw the guard out in operative position, substantially as shown and described. 70

2. A dust-guard hinged to the window of a car and held in normal position at right angles to such frame by a spring mechanism, a projection fastened to such guard, and a window-sash provided with an incline in contact with 75 such projection when the window is closed, whereby the lowering of the sash operates to fold the guard back parallel with the side of the car, substantially as described.

In witness whereof I have hereunto set my 80 hand this 10th day of January, 1887.

OBED C. RIFE.

Witnesses:

C. P. JACOBS,

E. J. RALSTON.