

J. H. REYNOLDS.
Dust-Guard for Car-Window.

No. 218,064.

Patented July 29, 1879.

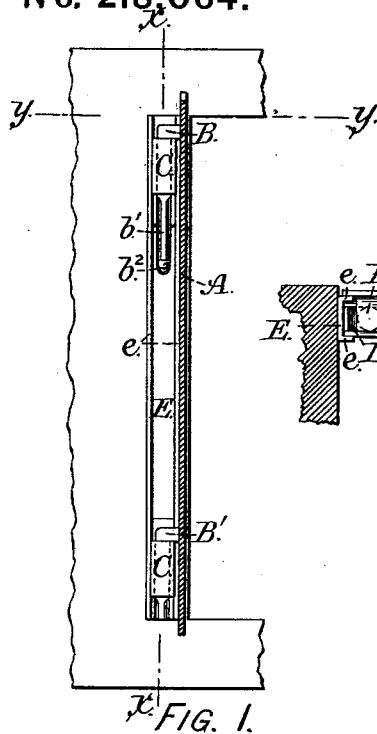


FIG. 1.

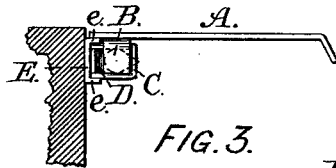


FIG. 3.

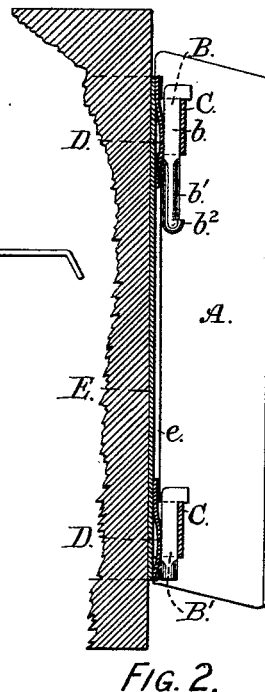


FIG. 2.

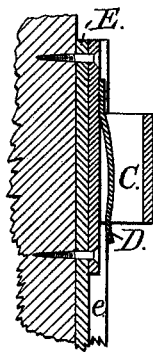


FIG. 4.

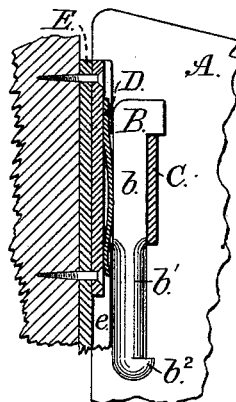


FIG. 5.

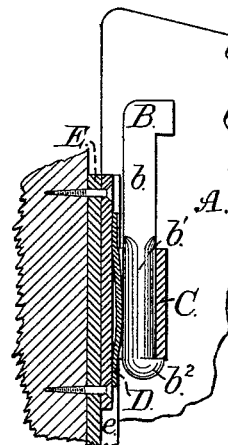


FIG. 6.

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IMPROVEMENT IN DUST-GUARDS FOR CAR-WINDOWS.

Specification forming part of Letters Patent No. **218,064**, dated July 29, 1879; application filed June 11, 1879.

To all whom it may concern:

Be it known that I, JOHN H. REYNOLDS, of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements on Dust-Guards for Car-Windows, of which the following is a full and exact description.

My invention relates to certain improvements on the device described in the Letters Patent of the United States No. 211,523, granted to me on the 21st day of January, 1879; and its object is to remedy certain defects existing in that device, wherein I have found that when the pivoted edge of the dust-guard is brought sufficiently close to the side of the car to form a joint close enough to exclude the dust from passing through it the paint on the side of the car will be chafed and damaged by the movement of the guard to such degree as to appear unsightly when the guard is removed or turned back against the side of the car.

To remedy this defect my invention consists in making the guard so that its pivoted edge will not come in contact with the side of the car, and closing the space thus left by means of a stationary flange-piece secured to the side of the car, and so arranged that the side of the pivoted edge of the guard will form a dust-tight joint therewith.

It further consists in combining with the pintles and sockets springs arranged to keep the pintles in close contact with the sockets, so as to prevent the rattling noise usually produced by them.

In the accompanying drawings, which form a part of this specification, and to which reference is herein made, Figure 1 is an elevation of one side of a car-window, showing the extended dust-guard in section; Fig. 2, a vertical section at the line *x x*, Fig. 1; Fig. 3, a horizontal section at the line *y y*, Fig. 1; and Figs. 4, 5, and 6, enlarged details, showing the construction of the pintles and sockets.

As shown in the drawings, A is the dust-guard, made substantially as described in my patent hereinbefore referred to. Secured to

the back of said guard are the pintles B and B', whose upper parts, *b*, are made with a cross-section of rectangular or other suitable form for locking the guard in position. Their lower parts, *b'*, are made of a cylindrical form to serve as hinge-pins.

The pintle B is provided at its lower end with a stop, *b²*, projecting in a line with the guard A, and arranged at sufficient distance from the square part *b* of the pintle to permit the cylindrical part *b'* to turn in the socket.

The sockets C are made with a rectangular opening for receiving the square parts *b* of the pintles. At the back side of the opening a spring, D, is arranged to press the square of the pintle against the front of the opening, and, by keeping these parts in close contact, prevent the rattling of them.

E is a guard-strip, provided with a standing flange, *e*, at one or both edges. This strip I preferably adapt to receive the sockets C, as shown in the drawings.

The guard-strip, sockets, and dust-guard are severally arranged so that the pivoted side of the dust-guard will lie snugly against the face of the flange *e* when the guard is extended, and the rear edge of the guard will be kept away from the side of the car, as shown in Fig. 3. In this manner a dust-tight joint is formed without endangering the external ornamentation of the car.

The operation of closing, extending, and removing the dust-guard is fully described in my former patent above referred to.

What I claim as my invention is—

1. The combination, with a hinged dust-guard, of a guard-strip, E, provided with one or more standing flanges, *e*, adapted to form a dust-tight joint with said dust-guard, as herein specified.

2. The combination, with the pintle B, of the socket C, provided with the spring D, as and for the purpose herein specified.

JOHN H. REYNOLDS.

Witnesses:

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