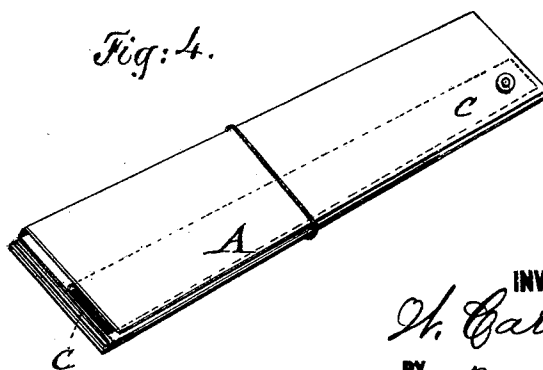
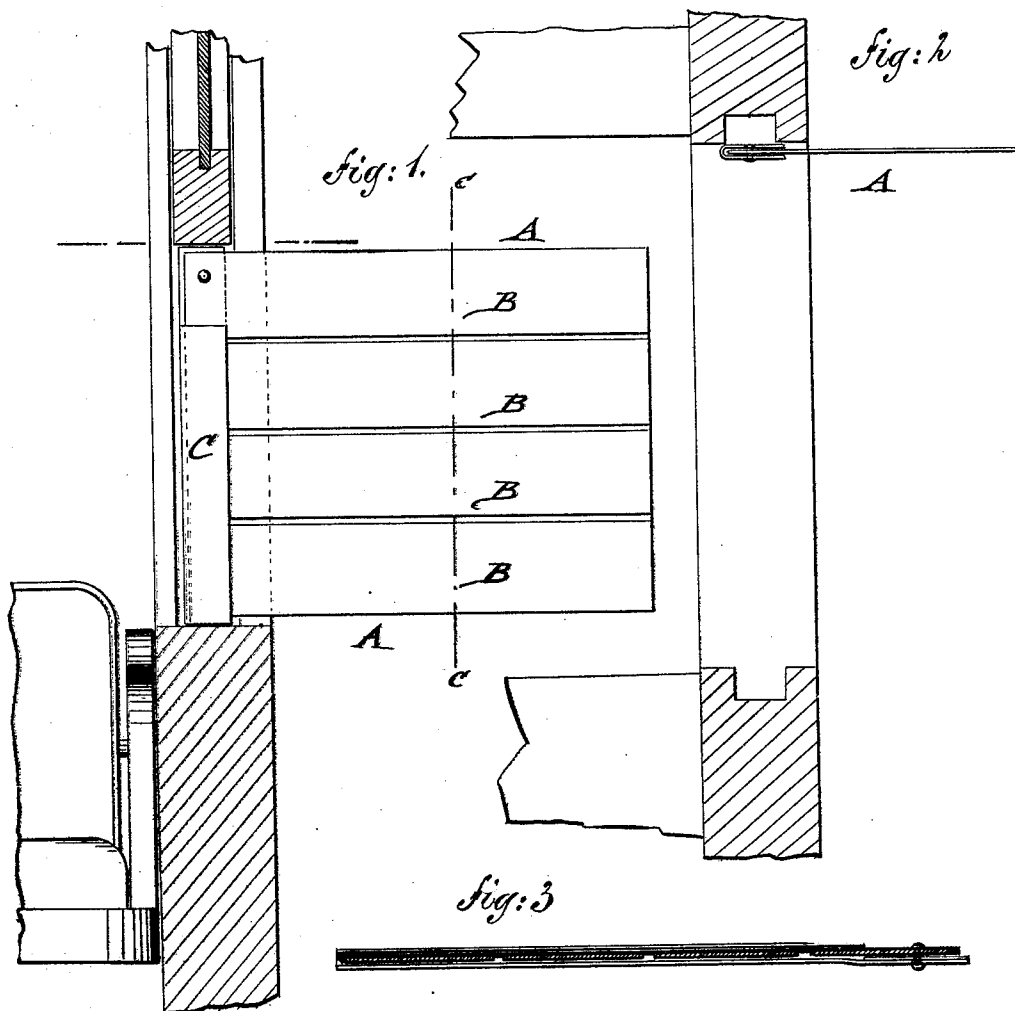


W. CARR.
DUST-GUARDS FOR CARS.

No. 181,038.

Patented Aug. 15, 1876.



WITNESSES:

Chas. N. Carr
John Goethals

INVENTOR:

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BY *Munn & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE

WILLIAM CARR, OF NEW YORK, N. Y.

IMPROVEMENT IN DUST-GUARDS FOR CARS.

Specification forming part of Letters Patent No. **181,038**, dated August 15, 1876; application filed June 6, 1876.

To all whom it may concern:

Be it known that I, WILLIAM CARR, of the city, county, and State of New York, have invented a new and Improved Portable Dust-Guard for Railroad-Cars, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side view, Fig. 2 a top view, and Fig. 3 a vertical transverse section on line *cc*, Fig. 1, of my improved portable dust-guard for railroad-cars, shown as applied to a car-window; and Fig. 4 shows the same folded up for being carried in the pocket.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish for the traveling public an improved portable dust-guard for railroad-cars, which may be readily attached to the window of a car, so as to prevent the annoyance by cinders, while it may be also used as a fan and readily folded up after use, for being carried in the pocket.

The invention consists of a guard made of a number of folding pieces or strips, that are rigidly connected by a clamp-piece, pivoted to one strip and fitting over the ends, which folds with the strips when released.

In the drawing, A represents my improved dust-guard, that is made of strips or pieces B, of any suitable material, which are hinged together by means of leather, muslin, or otherwise, so as to be readily folded or opened. To the corner of one of the end strips B is pivoted the stiffening clamp-piece C, of U-shaped cross-section, and of tin or other material. The

clamp-piece C may be swung readily into position along the ends of the strip, and then passed over the same when the same are placed in open position, so as to rigidly connect the strips, and form thereby a guard-frame that may be applied to the window of a car by lifting the same and letting it down on the clamp-piece C, as shown in Figs. 1 and 2. It serves in this position as a dust-guard, and renders the position at the window pleasant, as the entrance of cinders is prevented, while the air is freely admitted.

When the dust-guard is detached, it may be used as a fan, and finally be folded into narrow compass, for being carried in the pocket, by releasing the clamp-piece from the ends and folding it alongside of the strips, as shown in Fig. 4. The strips may also be made available for advertisements, so that the dust-guard may be used as a convenient advertising medium for the traveling public.

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

A portable dust-guard for car-windows, made of a number of folding pieces or strips, in connection with a pivoted clamp-piece, fitting over the ends of the strips when opened, substantially in the manner and for the purpose set forth.

WILLIAM CARR.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.