

HENRY KILLAM.

Improvement in Landau Carriage-Doors.

No. 126,715.

Patented May 14, 1872.

fig. 1.

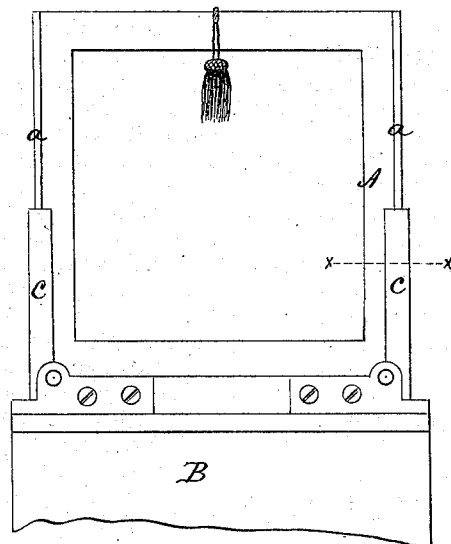
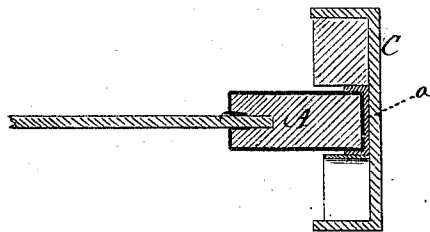


fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY KILLAM, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN LANDAU-CARRIAGE DOORS.

Specification forming part of Letters Patent No. 126,715, dated May 14, 1872.

To all whom it may concern:

Be it known that I, HENRY KILLAM, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Landau-Carriage Doors; and do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents, in—

Figure 1, a front view of the upper portion of a carriage-door, and in Fig. 2 a transverse section on line *x x*, full size.

This invention relates to an improvement in the glass frame of landau-carriage doors. Usually these frames are covered with cloth, and are supported, when drawn up, by metal posts, and in drawing up or lowering the said cloth-covered surface comes in contact with the post and is thereby frequently torn or defaced, and if not covered with cloth these frames are easily defaced. To overcome this difficulty is the object of my invention; and it consists in attaching a protector to the edge of the glass frame, projecting slightly from the surface of the frame, so as to relieve the surface of the frame entirely from bearing.

A is the glass frame; B, the door; C C, the posts which support the glass frame, when up, in the usual manner for landau carriages. This frame is usually covered with cloth, as denoted in solid black, Fig. 2. On the edge of the frame I place a guard, *a*, formed from metal or other suitable material, which will protect the edge and project beyond the surface of the frame, as in Fig. 2, so as to prevent the contact of the frame with the post.

This guard may be plated, and serve as an ornament in addition to its utility, costing very little for its application, but saving considerable expense in repairs.

The best method of applying this guard is to form it from sheet metal, to extend around the angles and onto the surface of the glass frame, as seen in Fig. 2.

I claim as my invention—

The guard or protector *a* applied to the sash-frame of a carriage-door, substantially in the manner and for the purpose described.

HENRY KILLAM.

Witnesses:

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