

J. ALLGAIER.
Coaches or Carriages.

No. 139,753.

Patented June 10, 1873.

Fig: 1

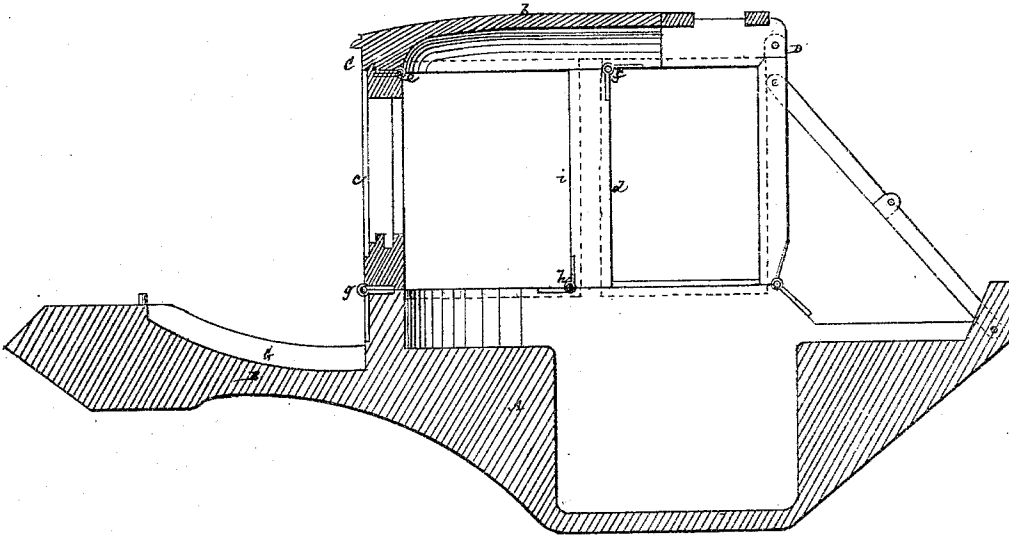
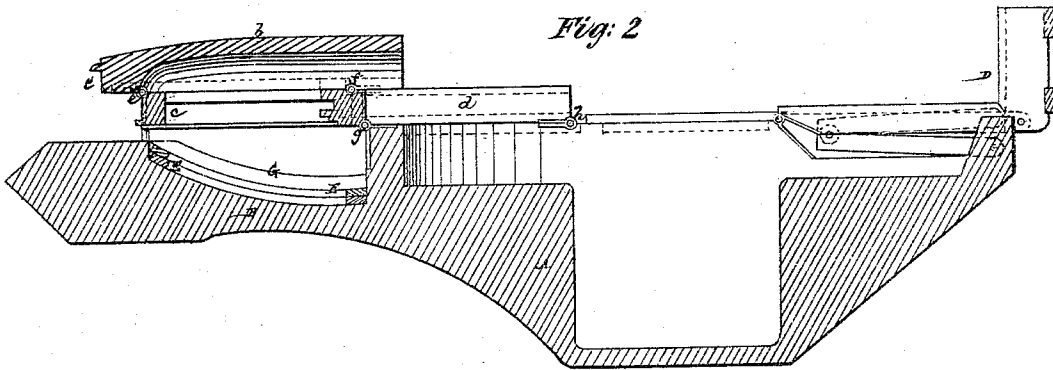


Fig: 2



Witnesses:
Fred Hammer
Fred Auer

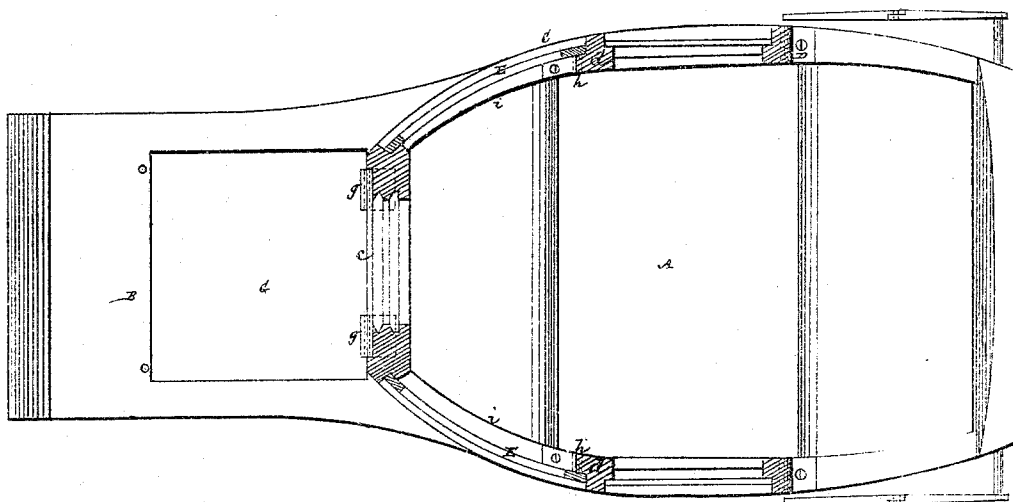
John Allgaier
per Brown & Allen
Attorneys

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Fig. 3



Witnesses:

Fred Hayman
Clara Duval

John Allgaier
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UNITED STATES PATENT OFFICE

JOHN ALLGAIER, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN COACHES OR CARRIAGES.

Specification forming part of Letters Patent No. **139,753**, dated June 20, 1873; application filed December 17, 1872.

To all whom it may concern:

Be it known that I, JOHN ALLGAIER, of the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain Improvements in Coaches or Carriages having Opening Tops, of which the following is a specification:

The invention consists in an arrangement of a recess or pocket in that portion of the base or bed of the vehicle which intervenes between the front top part and the driver's seat, for reception of the side-lights or windows, which are made detachable to provide for the folding or lowering of the front top part, as herein specified.

In the accompanying drawing which forms part of this specification, Figure 1 represents a longitudinal vertical section of a three-quarter Clarence landaulet constructed in accordance with my invention, and showing the vehicle with its top raised or closed; Fig. 2, a similar section showing the vehicle with its top let down or open; and Fig. 3 a horizontal section with the parts in the position represented in Fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the bed portion of the carriage having a forward extension, B, on the front of which may be arranged the driver's seat. C is the front top part, and D the raising and lowering back top part. The front top part C is composed of a rigid or upper frame top, b, or rigid front frame c, and rigid back posts d. These several parts are united to each other above by hinges e f, the joints of which occupy a rear position relatively to the front c and back posts d, when the top part is raised. The joints c and back posts d are

also united, by hinges g h below, to the bed part A; but the joints of these hinges occupy a front relation relatively to the front c and back posts d, and are at the same distance from each other as the joints of the hinges e f; also the distances of the hinges e g and f h are equal. Thus constructed and attached, the front top part C, which may be locked when raised with the back part D, may be folded down in a forward direction over the bed portion B, and so that the upper frame b lies in flat and close relation to the front c and back posts d, as clearly represented in Fig. 2. The sashes composing the side lights or windows E E are made detachable and slipped to their places, when the front top part C is raised, within the open sides or spaces i i of said top part, and secured therein by entering suitable grooves or in any other manner. These sashes or side-lights prevent, when in their places, the top part C from being lowered, as described. When, therefore, it is necessary to lower the said top part these sashes are removed, and packed or laid in a pocket, G, made in the upper part of the front bed portion B, ready at any time for re-insertion when the top part C is raised.

Curtains instead of glass may be applied to the front window if desired.

What I claim as my invention, and desire to secure by Letters Patent, is—

The front bed portion B, constructed with a pocket, G, for the reception of the removable side-lights or sashes E E of the front top part C, essentially as described.

JOHN ALLGAIER.

Witnesses:

G. T. EGGLETON,
A. W. STEFFAN.