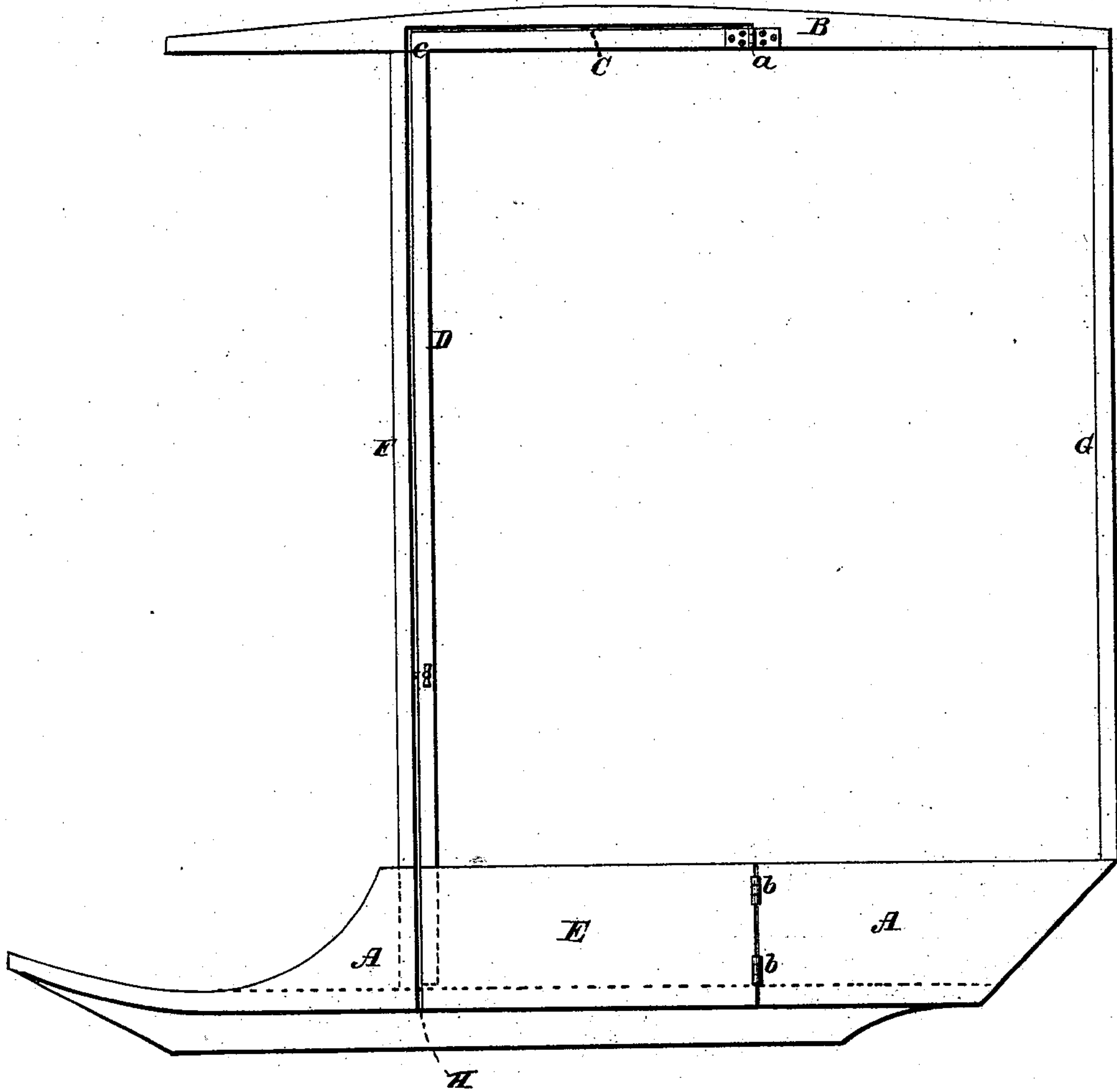


D. E. GALE.
Carriage-Door.

No. 204,807.

Patented June 11, 1878.



Attest.

Ezekiel True
May A True

Inventor.

Dudley & Gale

UNITED STATES PATENT OFFICE.

DUDLEY E. GALE, OF SALISBURY, MASSACHUSETTS.

IMPROVEMENT IN CARRIAGE-DOORS.

Specification forming part of Letters Patent No. **204,807**, dated June 11, 1878; application filed September 12, 1877.

To all whom it may concern:

Be it known that I, DUDLEY EVANS GALE, of Salisbury, in the county of Essex, in the State of Massachusetts, have invented a new and Improved Carriage-Door, of which the following is a specification:

My invention relates to carriages; and it consists in the novel construction, hereinafter set forth, of the upper rail of a rigid or jagger top, to adapt it to receive the upper rail of a carriage-door, as hereinafter set forth and claimed.

A of the drawing represents the bottom side panel of my carriage-top, and B the upper rail thereof.

In order to provide space for the upper rail of the carriage-door, I make a recess in the rail B, as shown at C, extending from the front post F rearward, and of sufficient length to receive the top rail of the door D, in the manner shown on the drawings.

The letters *a* represent a hinge, which unites the top rail of the door to the rear wall of recess C.

It will be observed that, by my method of construction, the lower side of the door-rail

C and the lower side of the carriage-rail B form one continuous line.

The letter G represents a rear upright standard for the carriage-back, and E the lower panel of the door, which panel is of the same width as the panel A of the carriage-body.

The letters *b b* represent hinges, uniting the panels of the carriage and door, as shown.

It is obvious that a stop or flange is provided on the inner side of the panels to prevent the doors from swinging too far inward. This stop is represented on the drawings by a dotted line, and is marked H.

I am aware that carriage-doors have been hinged within a frame in front of its rear posts or walls, and therefore do not claim such invention; but

What I claim as my invention is—

In a carriage-top, the rail B, provided with recess C, and the panel A, having stop-flange H, in combination with the door D, hinged at *a* and *b b*, substantially as specified.

DUDLEY E. GALE.

Witnesses:

EZEKIEL TRUE,
MARY A. TRUE.