

J. E. LINES.  
Dash-Board.

No. 213,514.

Patented Mar. 25, 1879.

FIG.1.

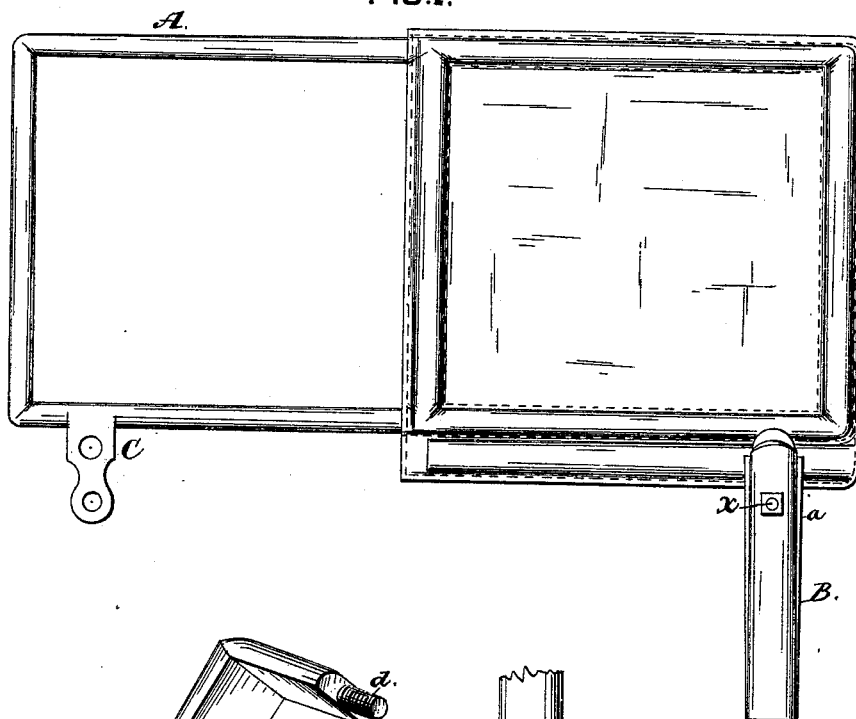
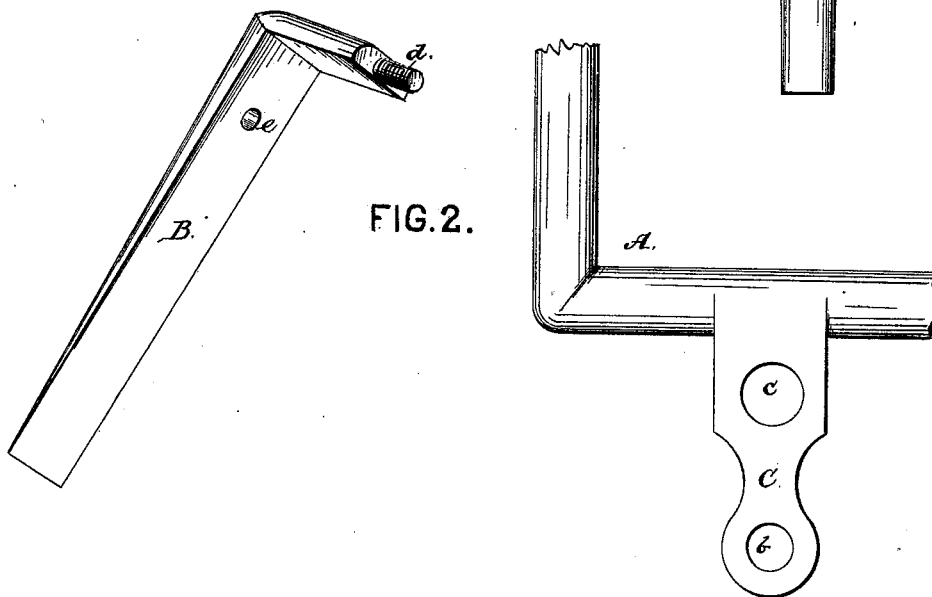


FIG.2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN DASH-BOARDS.

Specification forming part of Letters Patent No. **213,514**, dated March 25, 1879; application filed  
August 30, 1878.

*To all whom it may concern:*

Be it known that I, JAMES E. LINES, of Homer, in the county of Cortland and State of New York, have invented certain new and useful Improvements in Wagon-Dashes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to the dash-frame and the mode of securing it to the carriage or wagon body.

In the drawings, Figure 1 is an elevated plan view of a carriage-dash, with one-half of dash-frame uncovered, and with one dash-foot detached. Fig. 2 is a detail view of detached dash-foot.

A represents the dash-frame, and B B the dash-feet, each ordinarily made of iron.

To the lower bar of the frame A, at or near each of the lower corners of the dash, is welded or otherwise firmly secured a projection, C, forming, with the dash-foot B, a clasp to receive and be secured to the body-post *a*, as shown at the right hand in Fig. 1. The clasp C has two apertures, *b c*. The dash-foot B has, from its upper end, a solid screw projection, *d*, and an aperture, *e*. The aperture *c* is

provided with threads cut into the sides to correspond with and receive the projecting screw *d*; and when the dash-foot B is screwed to the clasp C the holes *b c* are brought opposite each other, with body-post *a* between, so as to receive the bolt *x*, as shown at right hand of Fig. 1, securing the dash firmly to the body of the wagon.

The advantages derived from my invention, as described, are readily seen in the increased security and strength given by the mode of fastening the dash to the body, and also in the convenience in manufacture and stitching of the dashes, the dash-foot being detached while the whole of the stitching is being done, thus necessitating no hand-stitching, as is ordinarily required, after the dash-foot has been secured to the dash.

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

The detachable dash-foot B, with screw projection *d* and aperture *e*, in combination with dash-frame A and clasp C, substantially as described.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

JAMES E. LINES.

Witnesses:

C. M. TITUS,

L. J. FITZGERALD.