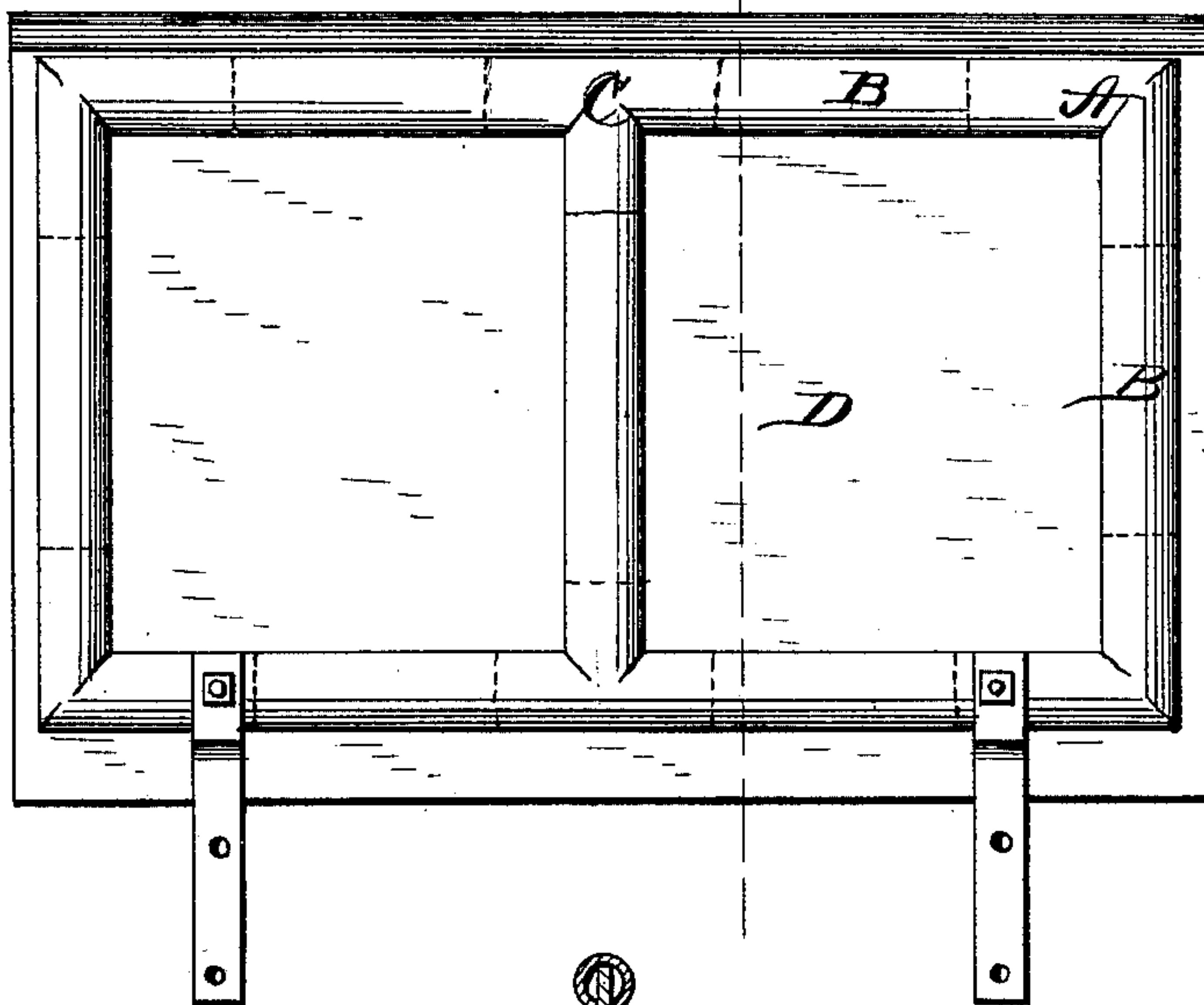


E. H. HARVEY & H. C. MARTELL.  
Carriage-Dash Frame.

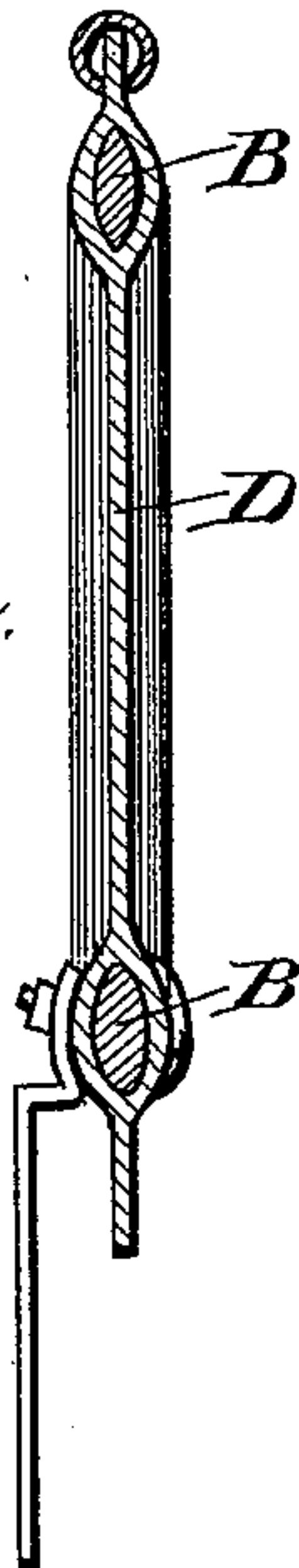
No. 220,374.

Patented Oct. 7, 1879.

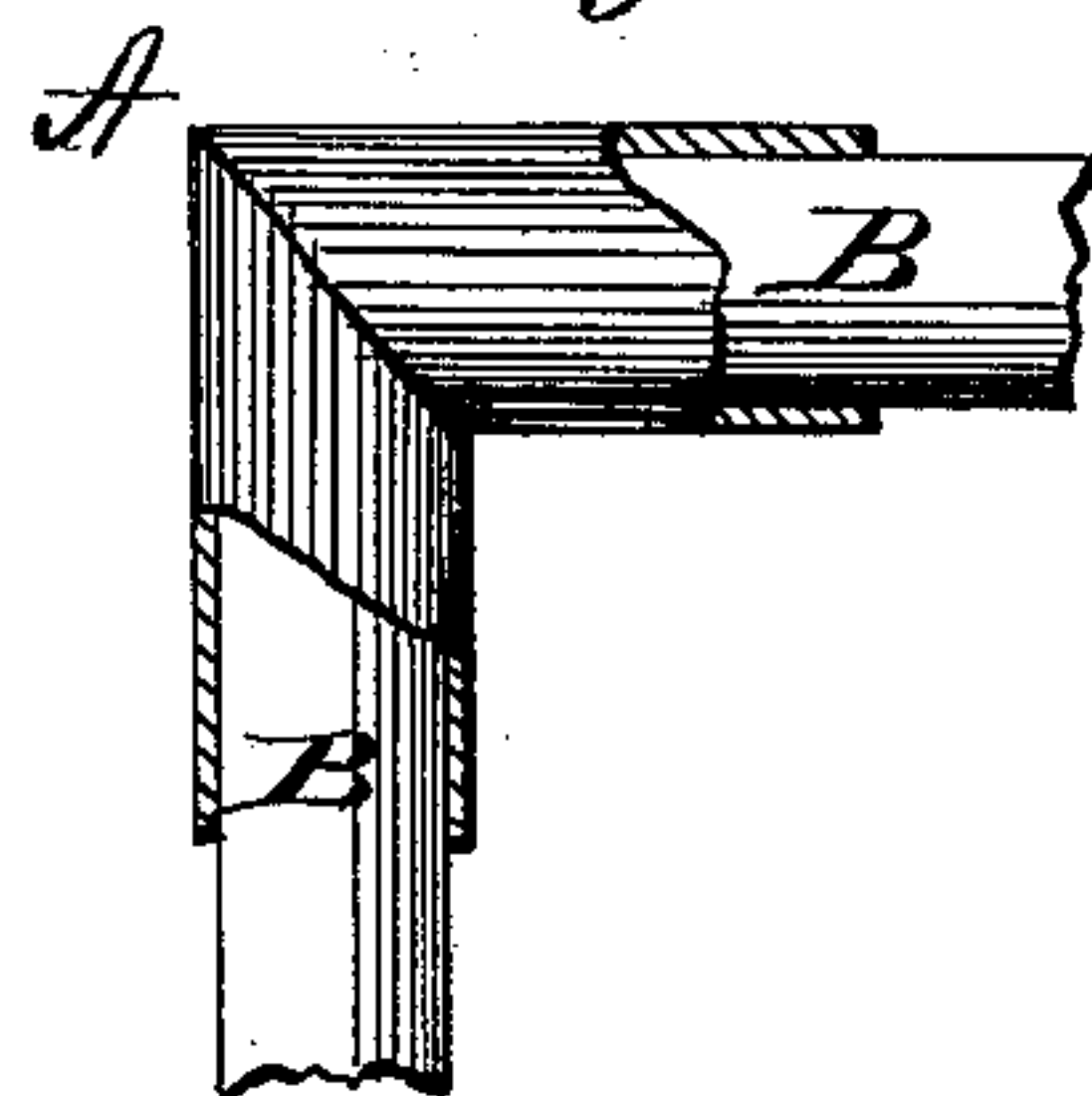
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES

*F. L. Curand*  
*H. Aubrey Toulmin*

INVENTOR

*E. H. Harvey*  
*H. C. Martell*  
*Alexander Mason*  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

EGBERT H. HARVEY AND HERBERT C. MARTELL, OF ROMEO, MICHIGAN.

## IMPROVEMENT IN CARRIAGE-DASH FRAMES.

Specification forming part of Letters Patent No. **220,374**, dated October 7, 1879; application filed August 8, 1879.

*To all whom it may concern:*

Be it known that we, EGBERT H. HARVEY and HERBERT C. MARTELL, of Romeo, in the county of Macomb, and in the State of Michigan, have invented certain new and useful Improvements in Dash-Boards; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in the construction of a carriage dash or fender, as will be hereinafter more fully set forth.

In the annexed drawings, Figure 1 is a front view, and Fig. 2 a cross-section, of our dash. Fig. 3 is an enlarged detailed view, showing one corner of the frame.

In constructing the frame for our dash we use corner-irons A A, having a socket at each end for the insertion of wooden bars B B, which form the frame. At intermediate places in the frame, where it is necessary to have any cross-pieces, we use T-irons C, having sockets in each of its three ends, for inserting the ends of the wooden bars or rails.

D is the covering of the dash, which may be of papier-maché, or its equivalent, or any other suitable material, and finished with japan or other water-proof finish.

We are aware that a dash-board frame has been made composed of metal bars with screw-couplings at the corners, and we do not claim such as our invention.

By constructing the frame of wood with metallic corner-pieces and connections we secure cheapness, lightness, and durability. If the dash should bend it will spring back in place again without injury.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A carriage-dash frame composed of wooden bars or rails with metallic corner-pieces or connections, substantially as set forth.

2. The corner-irons A A, formed with sockets in their ends, in combination with the wooden bars B, for the purposes set forth.

3. The combination of the corner-irons A, T-irons C, and wooden bars B, as and for the purposes set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 11th day of July, 1879.

EGBERT H. HARVEY.  
HERBERT C. MARTELL.

Witnesses:

M. J. BRABB,  
A. G. WINTERMUTE.