

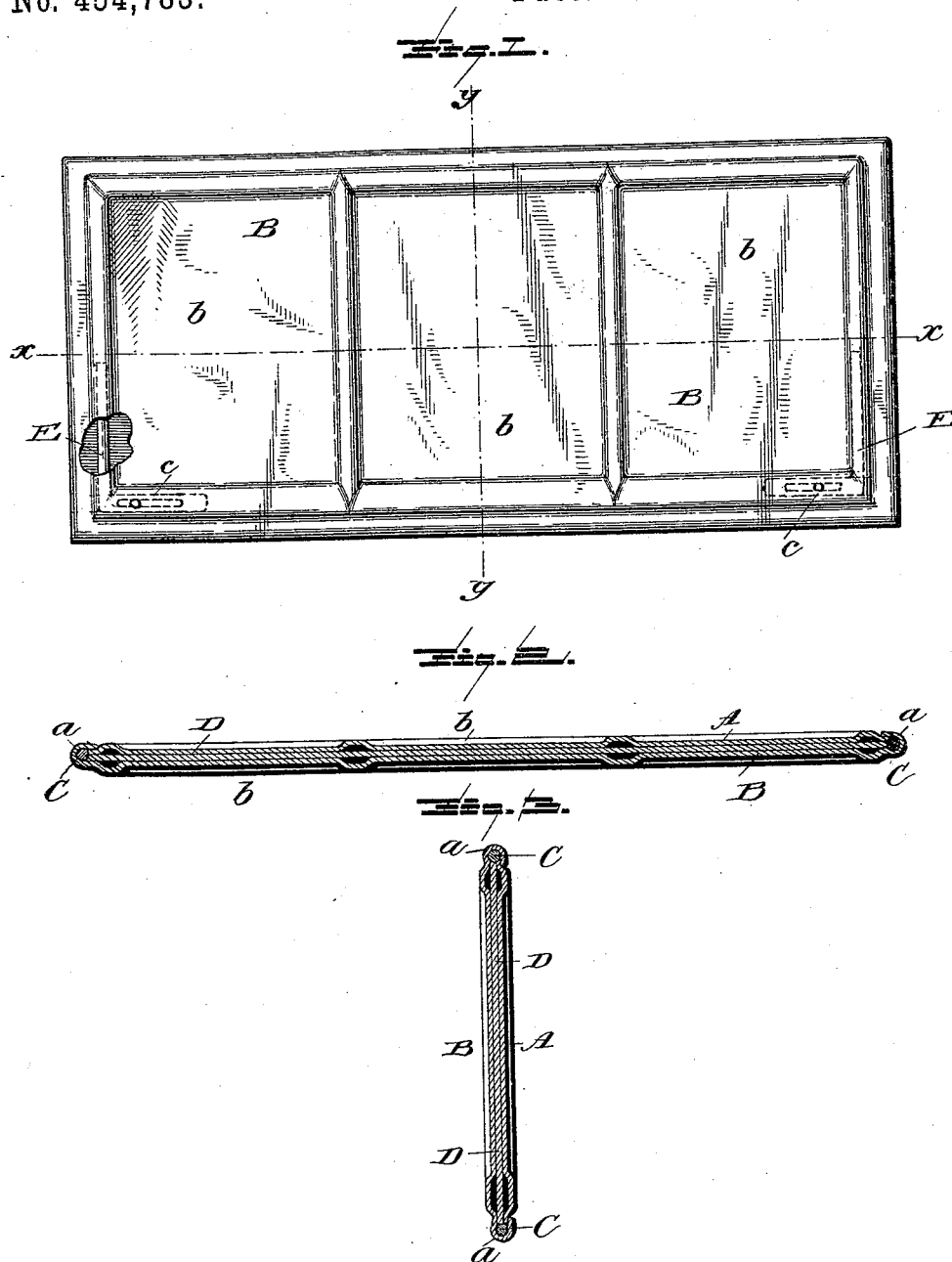
(No Model.)

E. WALTER.

DASH BOARD.

No. 454,783.

Patented June 23, 1891.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWARD WALTER, OF KEYTESVILLE, MISSOURI, ASSIGNOR OF FIVE-EIGHTHS
TO JAMES A. EGAN AND A. D. TAYLOR, OF SAME PLACE.

DASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 454,783, dated June 23, 1891.

Application filed January 7, 1891. Serial No. 377,022. (No model.)

To all whom it may concern:

Be it known that I, EDWARD WALTER, a citizen of the United States, residing at Keytesville, in the county of Chariton, State of Missouri, have invented certain new and useful Improvements in Dashes, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in vehicle dash-boards; and it has for its objects, among others, to provide a cheap and durable dash, which shall have the appearance of leather, but which shall be free of the objectionable features of a leather dash. I construct the dash of two or more pieces of sheet metal suitably held together, preferably providing an intermediate thickness of paper or some other cheap material to deaden the sound and prevent rattling. The dash may be made ornamental in appearance by forming panels therein or in any other preferred way. I usually provide a surrounding strengthening-wire concealed between the pieces of sheet metal composing the dash, and around which the edge of one of the pieces is secured. I dispense with the necessity of a frame. I employ no solder or rivets. The dash is light, yet durable, and can be manufactured at a minimum cost.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a face view of a dash constructed in accordance with my invention.
Fig. 2 is a section through the line *x x* of Fig. 1. Fig. 3 is a section through the line *y y* of Fig. 1.

Like letters of reference indicate like parts throughout the several views.

In carrying out my invention I take, preferably, two pieces of sheet metal, which I have designated in the drawings by the letters A and B. One of these pieces is slightly larger than the other, so that the edges there-

of may be turned over, as shown at *a*, and embrace the edges of the other piece, as seen best in Figs. 2 and 3. The pieces may be pressed or otherwise treated to form ornamental panels *b* in the completed dash, which also adds somewhat to the strength of the same. I preferably employ a stiffening-wire C, which is arranged within the fold or turn of the larger piece, and embraced thereby, as seen in Figs. 2 and 3.

In order to deaden the sound and prevent rattling, I sometimes employ a filling D, which may be of paper or any other suitable cheap material, in one piece or a plurality of pieces and confined between the two pieces of sheet metal. In the drawings this filling is shown as abutting against the stiffening-wire, but this need not be necessarily so. Except at the ribs or elevations in the metal pieces, the said pieces and the filling are pressed into close contact with each other, as seen in Figs. 2 and 3, although I may sometimes so arrange them that there will be little space therebetween.

The dash should be painted or japanned, when it will resemble in appearance a leather dash, but which has proved to be more serviceable in use.

While the above description has been confined to a dash, it is at once evident that fenders for carriages or buggies, either straight or curved, may be constructed in like manner.

In Fig. 1 I have shown at each lower corner of the dash a right-angled piece or bar E, which is confined between the sheet-metal pieces to strengthen the dash at these points and as high up as necessary to give the required strength, the horizontal portions thereof being provided with openings or slots *c*, through which may pass the bolts or other means employed to secure the dash to the carriage or vehicle.

What I claim is—

The sheet-metal dash herein described, composed of two pieces of sheet metal, a surrounding stiffening-wire, an interposed filling-piece and right-angled stiffening-pieces, the two pieces independent of said surrounding stiffening-wire of sheet metal being held together by the edge of one turned over and

holding the other and the filling-piece, said
pieces of sheet metal also being ribbed and
the right-angled pieces arranged at the lower
opposite corners in the space formed by said
5 ribs with their horizontal portions provided
with elongated slots, substantially as shown
and described, and for the purpose set forth.

In testimony whereof I affix my signature in
presence of two witnesses.

EDWARD WALTER.

Witnesses:

JNO. A. LEE,

R. D. EDWARDS.