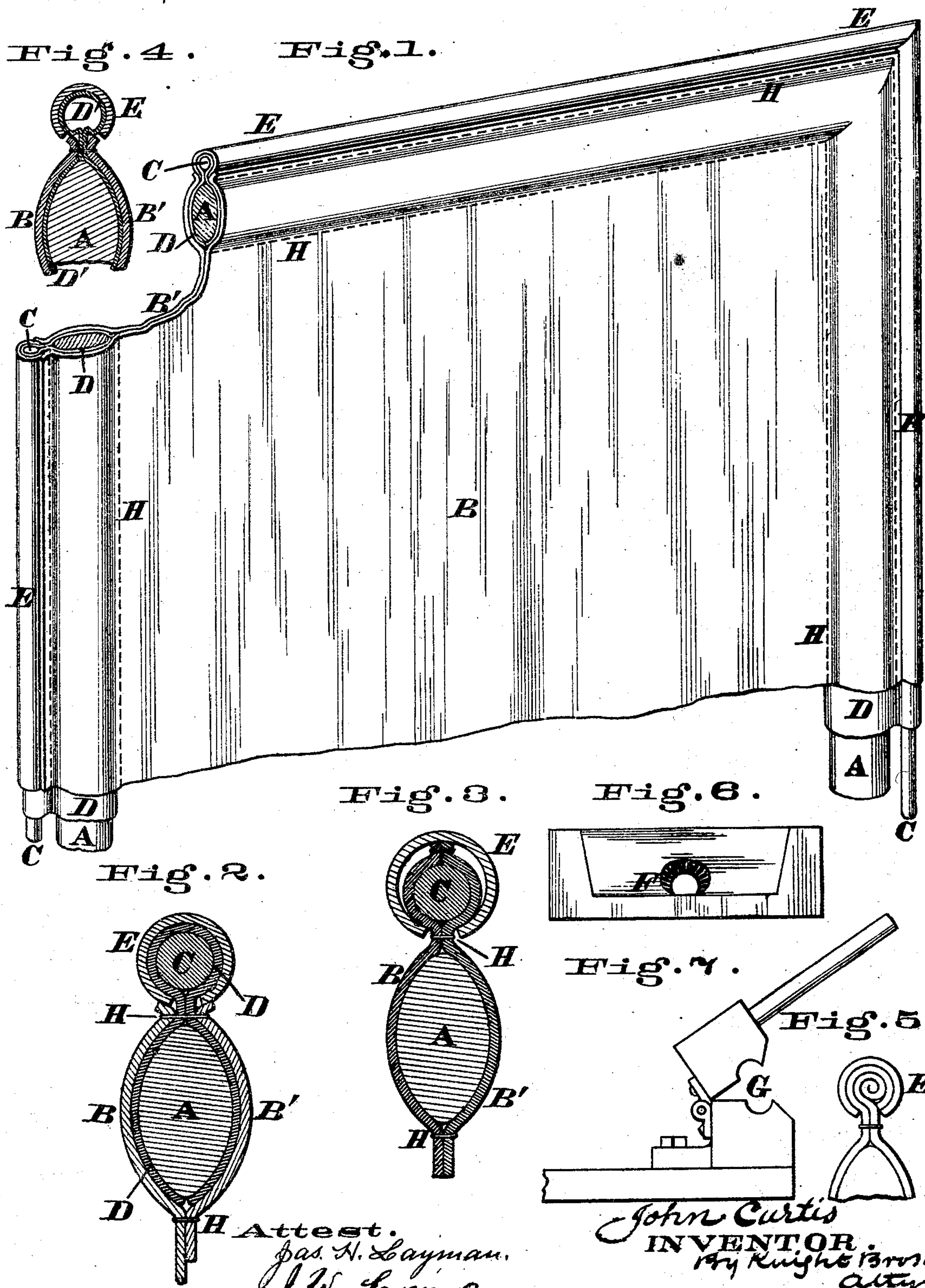


JOHN CURTIS.

Improvement in Dash Boards for Carriages.

No. 122,996.

Patented Jan. 23, 1872.



UNITED STATES PATENT OFFICE.

JOHN CURTIS, OF CINCINNATI, OHIO.

IMPROVEMENT IN DASH-BOARDS FOR CARRIAGES.

Specification forming part of Letters Patent No. 122,996, dated January 23, 1872.

I, JOHN CURTIS, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Metallic Edging or Binding for the Dash-Boards and similar parts of Carriages, of which the following is a specification:

My invention consists in applying to the edges of dash-boards, fenders, boots, wings, step-covers, and like stiffened work of carriages, over a bead previously formed thereon, a casing rolled or shaped in a single piece of sheet metal so as to give to these members a smooth, durable, and elegant finish.

Figure 1 is a perspective view of a portion of a dash-board trimmed with my metallic binding, a portion of the edge of the board being broken away in the drawing to exhibit the details of construction. Fig. 2 is a transverse section on a larger scale through the edge or border of a dash-board having my metallic binding. Figs. 3, 4, and 5, are similar sections, showing modifications of my invention. Figs. 6 and 7 represent tools used in the formation and application of my metallic binding.

A represents a portion of the iron frame of a dash-board, around which frame the customary leathers B B' are stretched. C is a core or stiffening-piece, of wire, rattan, or other suitable material. D is a band or strip of leather, canvas, or other suitable material, which, being folded around the core C, may have its lower edges temporarily pasted to the frame A. E is a bead or binding-strip of sheet metal, which, having been drawn through an eyelet, F, figure C, or otherwise bent into a C-form, is, by means of a suitable clamp, G, Fig. 7, or other means, tightly pressed around the portion C D, so as to assume and retain the form represented, and to impart a permanently hard, smooth, and stylish edging to the dash-board, over which the reins may play without imparting or receiving injury, as is the case with the customary stitched-leather border. The parts having been thus applied to each other,

the leather portions are further secured by suitable stitching, H.

The above-described metallic border supercedes entirely the comparatively costly and destructible metallic rail which surmounts some dash-boards. My metallic binding may have a gold, silver, nickel, Japan, or other finish, to correspond with the other trimmings, and may be advantageously applied to all those leather appendages of carriages which are stiffened on frames, such as fenders, boots, wings, step-covers, &c. India-rubber cloth or other suitable material may take the place of leather in the above-described uses.

The form or type of my invention here selected for illustration may be varied from in non-essential particulars. For example, the customary leathers B B' being carried up above the core C and stretched above and below it, as shown in Fig. 3, may receive the metallic binding without the additional leather D; or, in place of the leather D, a sheet of copper, (or other suitable metal,) D, Fig. 4, may be crimped to the proper form, as shown, and, its lower part being brazed or soldered to the frame, its upper part may either constitute the beading proper, or serve as core for the same. The metal used for D should, of course, be such as to be readily penetrated by the stitching-needle, while sufficiently stiff to serve as core or beading, as above. Still another modification may have its core formed by crimping the principal leathers B B', as in Fig. 5.

I claim as new and of my invention—

The combination, with the internal bead or core C, of the metallic binding E, formed in a single piece, and applied as herein set forth.

In testimony of which invention I hereunto set my hand.

JOHN CURTIS.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.