

(No Model.)

P. M. BARNES.

DASH BOARD.

No. 324,355.

Patented Aug. 18, 1885.

Fig. 1.

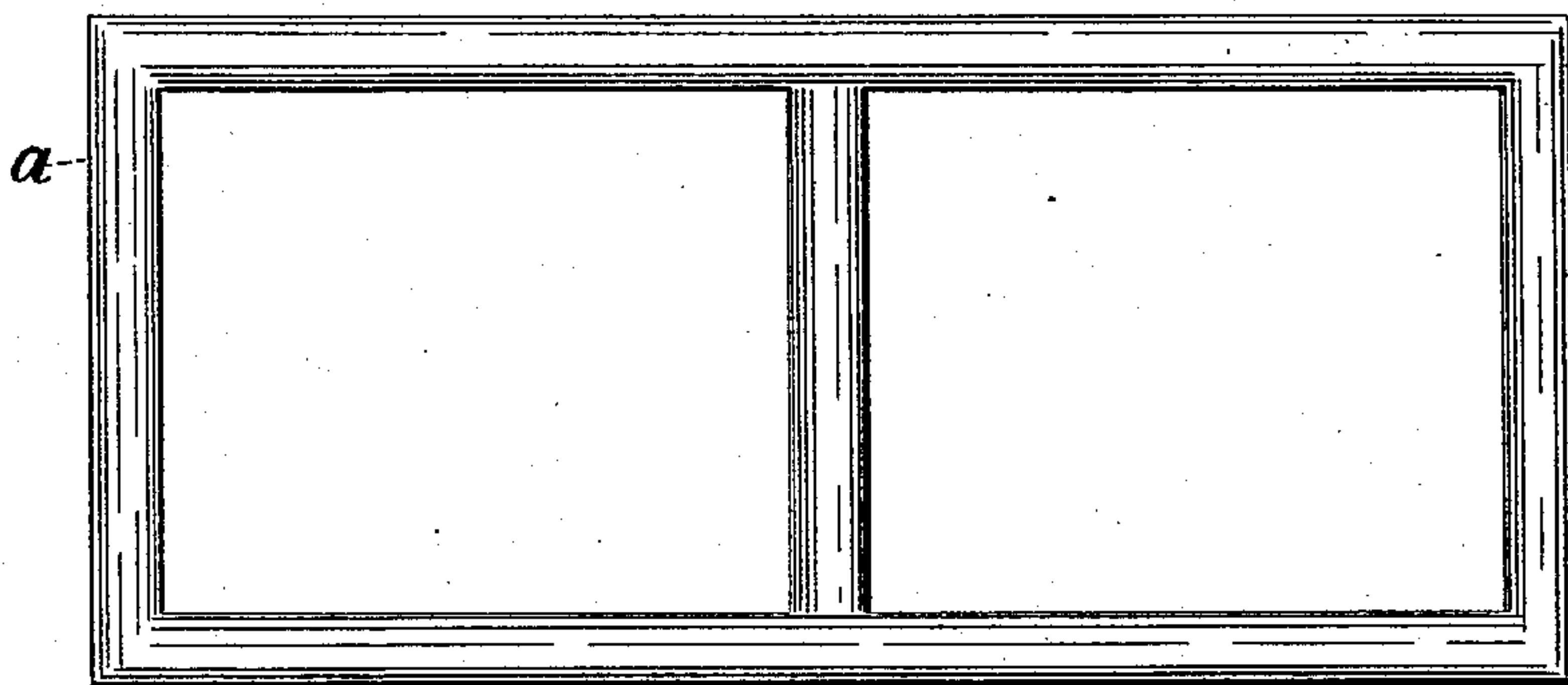


Fig. 2.

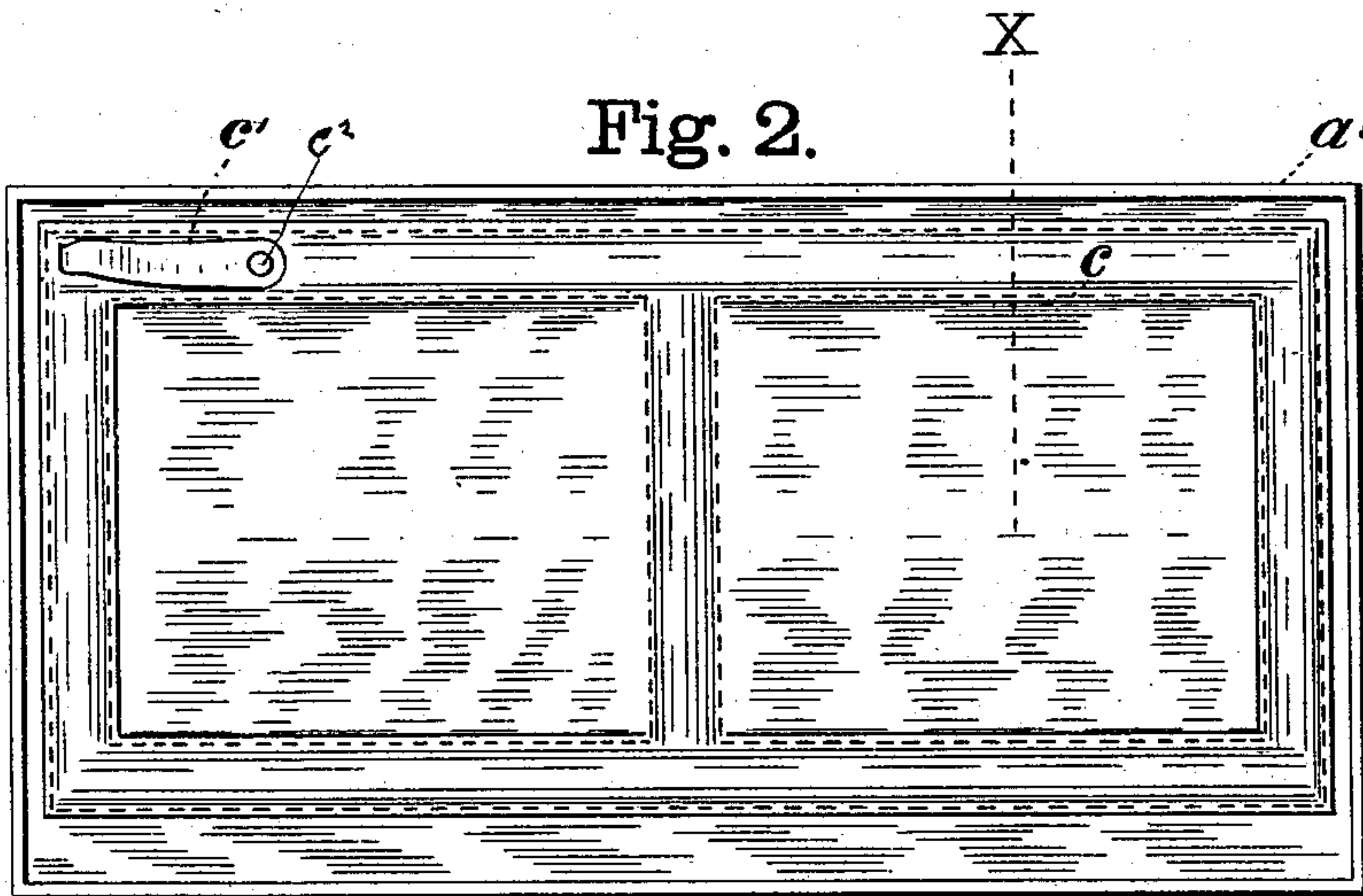
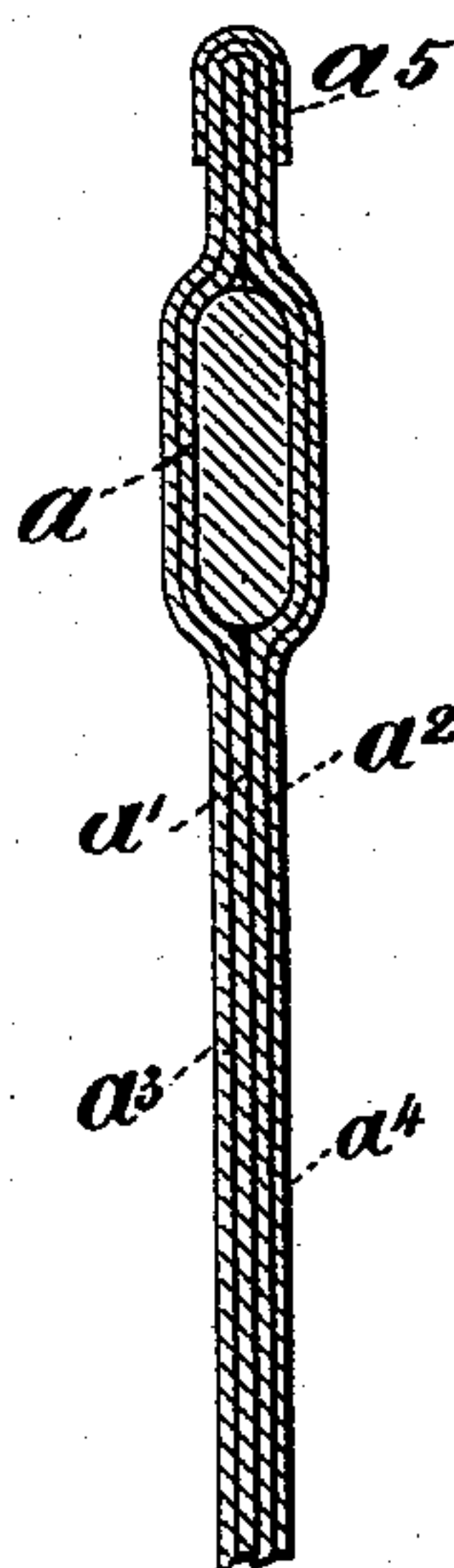


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

PHILO M. BARNES, OF LOCKPORT, NEW YORK.

DASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 324,355, dated August 18, 1885.

Application filed March 27, 1884. (No model.)

To all whom it may concern:

Be it known that I, PHILO M. BARNES, a citizen of the United States, residing at Lockport, in the county of Niagara and State of New York, have invented certain new and useful Improvements in Dash-Boards for Carriages, of which the following is a specification.

The object of this invention is to produce at a comparatively little expense a strong and durable dash-board for carriages or other vehicles; and it consists of a frame, of metal or other suitable material, covered on each side of the frame with strong canvas well sized with any well-known sizing material—such as paste, glue, or other well-known sizing—so as to impart the required stiffness, over which is placed a layer of heavy paper, one on each side. The edges are then covered with a metallic binding, and the whole rendered water-proof, which, together with certain details of construction, will be fully and clearly hereinafter shown by reference to the accompanying drawings, in which—

Figure 1 represents the metallic frame of the dash-board. Fig. 2 is a face view of the same complete; and Fig. 3 represents an enlarged cross-section through line X, Fig. 2, showing the construction of the several parts.

The metallic frame *a* is usually made of iron, in any well-known way, and is of the ordinary construction, but may be made in any suitable way so as to answer for different vehicles. Over the frame I first place two sheets of heavy canvas, *a'* *a''*, one on each side, which are firmly connected together, and are well sized so as to be sufficiently stiff when dry, as above mentioned, after which two sheets of heavy paper, *a'''* *a''''*, are then connect-

ed firmly thereto. I then place a binding of tin-plate, brass, or other suitable sheet metal, *a⁵*, around the edges. A suitable water-proof material is then put on. In practice I find a coating of black Japan and coach varnish is sufficient; but any well-known material for rendering paper water-proof may be used.

The dotted lines *c* represent an imitation of stitching around the edges of the frame.

The dash-board when complete may be ornamented and finished up so as to present as fine an appearance as the best, and is just as strong and more durable than leather, as it is not liable to crack, and is very light.

c' represents a spring rein-holder, secured to the dash-board by a rivet, *c''*, or other equivalent means.

The canvas greatly increases its strength, secures it against penetration, and renders it more durable.

Heretofore dash-boards have been made of paper; but such material is not as strong as is desired, being liable to be perforated or otherwise injured. By the use of the canvas lining I obviate this difficulty, and at the same time am enabled to produce a very cheap and durable dash-board.

I claim as my invention—

A dash-board consisting of a metallic frame covered with a layer of heavy, strong, sized canvas, with a layer of heavy paper secured to each side of the canvas, and a binding of sheet metal, the whole being rendered water-proof, substantially as and for the purposes described.

PHILO M. BARNES.

Witnesses:

JENNIE M. CALDWELL,
JAMES SANGSTER.