

(No Model.)

R. C. HUSE.

CARRIAGE.

No. 292,558.

Patented Jan. 29, 1884.

Fig. 1.

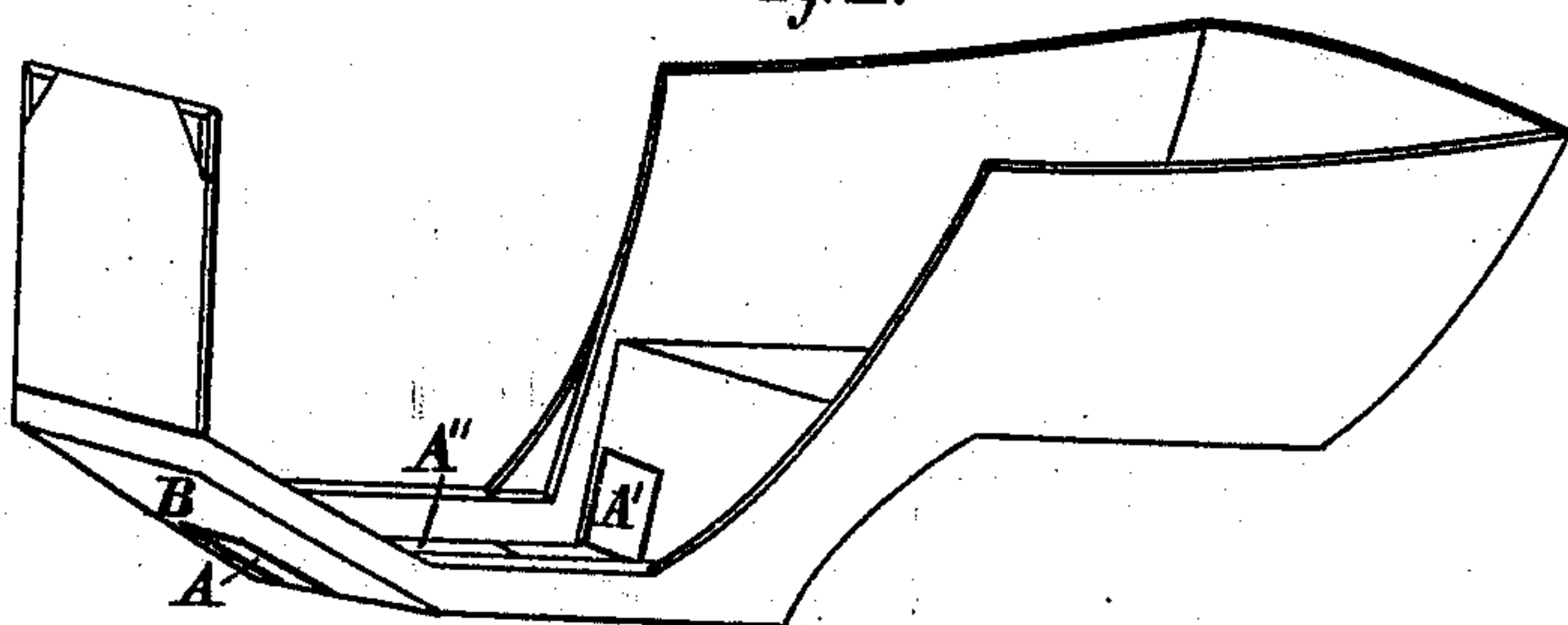


Fig. 2.

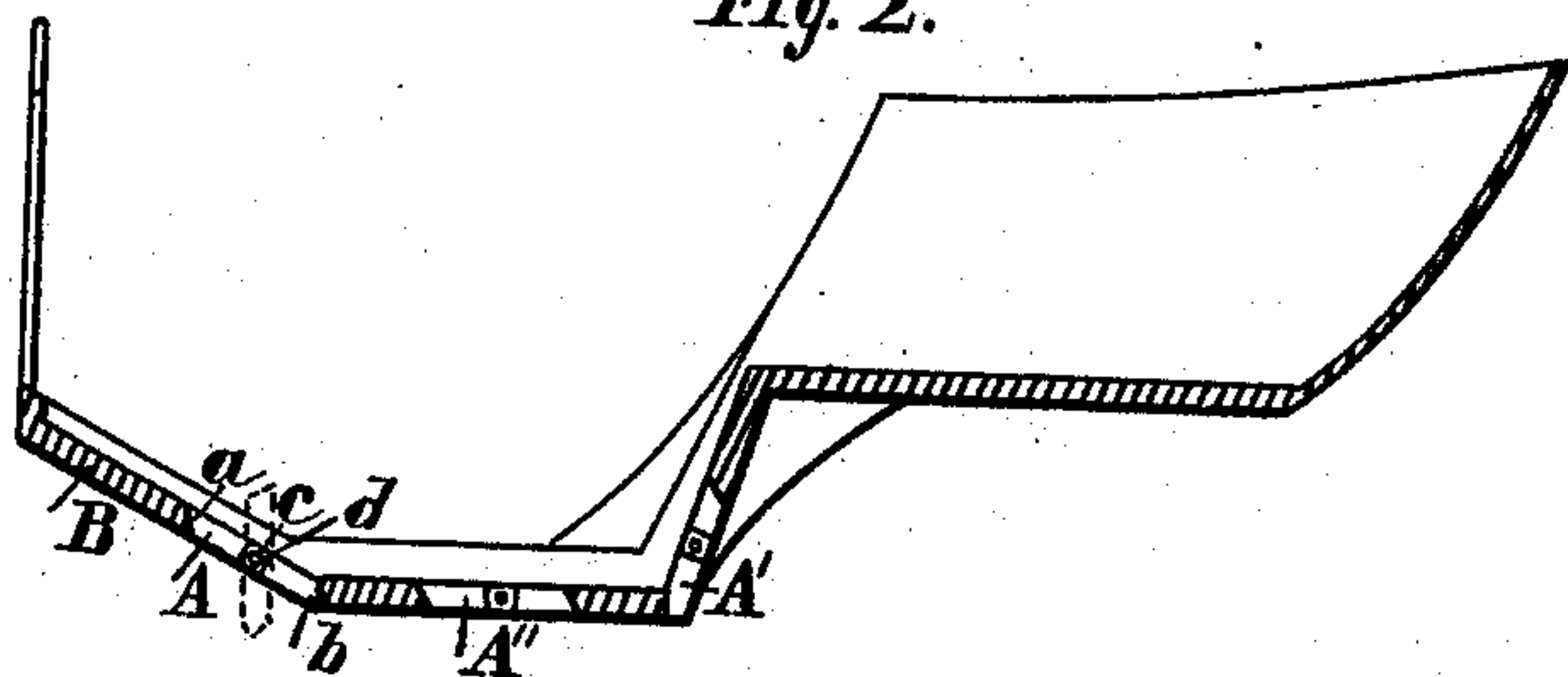
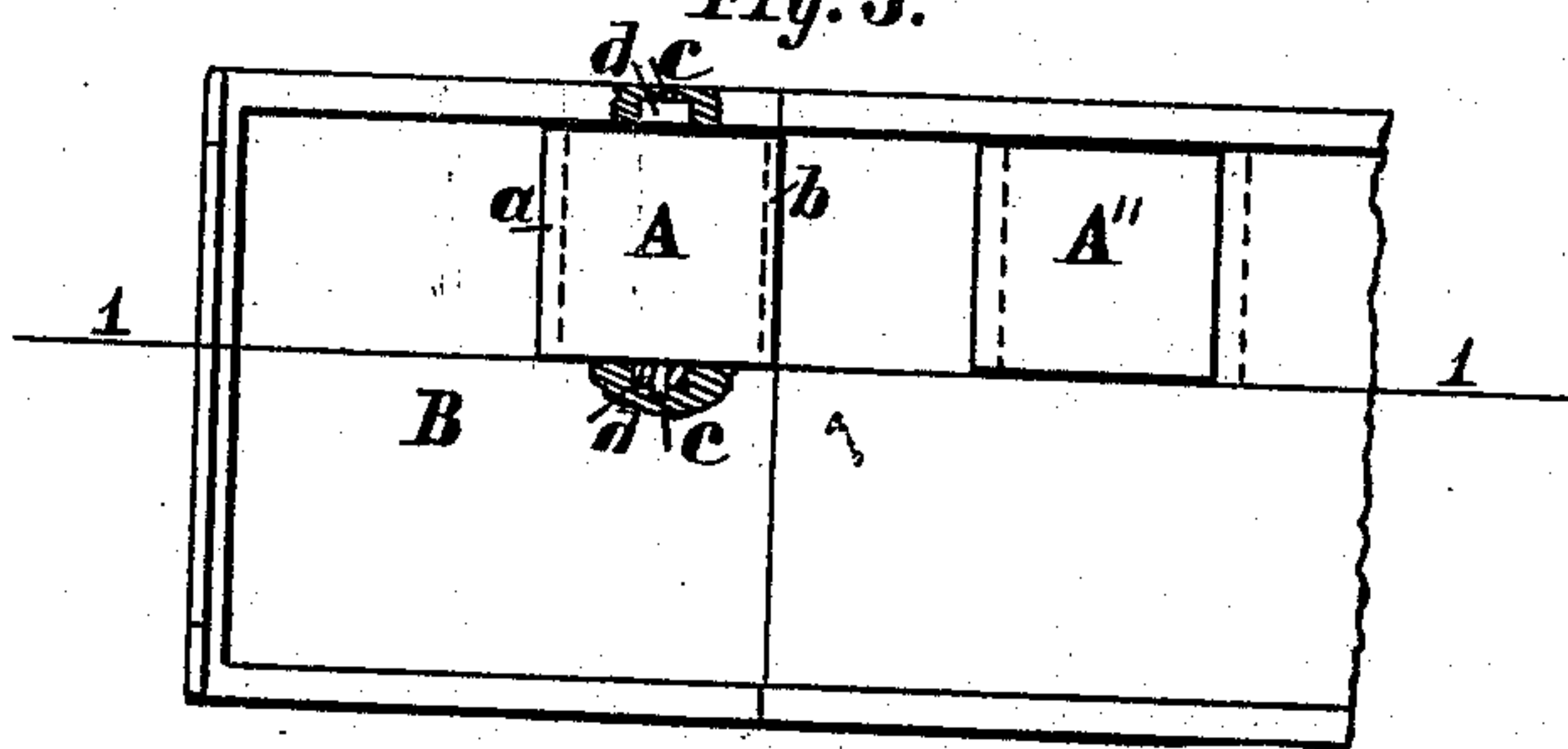


Fig. 3.



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UNITED STATES PATENT OFFICE.

RALPH C. HUSE, OF GEORGETOWN, MASSACHUSETTS.

CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 292,558, dated January 29, 1884.

Application filed January 31, 1883. (No model.)

To all whom it may concern:

Be it known that I, RALPH C. HUSE, a citizen of the United States, residing at Georgetown, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Carriages, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improvement in that class of vehicles commonly called "carriages," and which are designed especially for pleasure or for the conveyance of passengers. The body of such a vehicle is constructed with special reference to attractiveness in form and to the comfort and convenience of passengers, and hence has the bottom, sides, front, and rear wrought in irregular, fanciful, or convenient shapes, as illustrated in the drawings. Such a body has one or more bottom recesses or boxes, more or less deep, and, on account of its being designed for carrying no other load than that of persons, has and needs no provision—such as a tail-board in an ordinary wagon—for removing such other load, nor has, as heretofore constructed, any other provision—such as an opening in the bottom—for removing the dirt which may collect in said recess or box. In cleaning these carriages the dirt has heretofore been removed by taking it out over the sides of the recesses or boxes, which operation is the occasion of great annoyance, since it requires considerable care and labor.

It is the object of my invention to provide means by which this dirt may be readily and completely removed from said recesses or boxes, and by which the interior of the carriage-body may be more easily and thoroughly washed and cleaned.

My invention consists in an opening, and a door or trap therefor, at the bottom of the body of a vehicle of the above-specified class, said opening being made, by preference, in the foot-board, when the form of the body is such as to admit of its being so located.

In the drawings, Figure 1 is a perspective view of so much of a carriage-body having my device combined therewith as serves to illustrate my invention. Fig. 2 is a vertical section taken in the direction of line 1 1 in Fig. 3. Fig. 3 is a plan of part of the carriage-body, drawn on a larger scale than Figs. 1 and 2.

I prefer to have the opening and trap or door A therefor in the inclined front or foot-board, B, of the carriage-body, occupying the space of only a part of the foot-board. An opening is formed or cut in said board, and a piece, A, fitted in said opening and pivoted to swing therein. The door or trap, when closed, coincides as to its inner and outer surfaces with said board, and when open may take the position indicated by dotted lines in Fig. 2.

The upper edge-face, *a*, and lower edge-face, *b*, may be beveled, as shown, so that the door or trap will be readily brought into position, so as to be even with the balance of the foot-board.

The pivot-pins C may be fastened in the end edge-faces of the door or trap, and may turn in sockets in metallic pieces *d*, let into the foot-board, as shown.

The pivots may be otherwise constructed and fixed as the construction of the carriage-body may require.

Bodies of carriages of the class of vehicles above specified vary considerably with respect to shape, according to the fancy of the builder or to produce novelties in the trade. Hence it may be deemed advisable to locate the door or trap differently in bodies of different shapes. For instance, it may be placed in the back board of the recess or box, as at A', or in the bottom board, as at A".

The opening should always extend to or be in the lowest part or board of the recess or box, so that dirt or water may find ready egress.

I claim as my invention—

In a carriage constructed and adapted as and for the purpose set forth, an opening in the inclined foot-board and a door or trap therefor, said door or trap being pivoted to swing in said opening, and having the beveled edge-faces *a* and *b*, which meet corresponding edge-faces at the sides of the opening; whereby, in closing the door or trap, it is readily brought to coincide with the balance of the foot-board, substantially as specified.

RALPH C. HUSE.

Witnesses:

LOUIS COHEN,
EDW. DUMMER.