

(No Model.)

C. P. KIMBALL.

BUGGY BODY.

No. 316,270.

Patented Apr. 21, 1885.

FIG. 1.

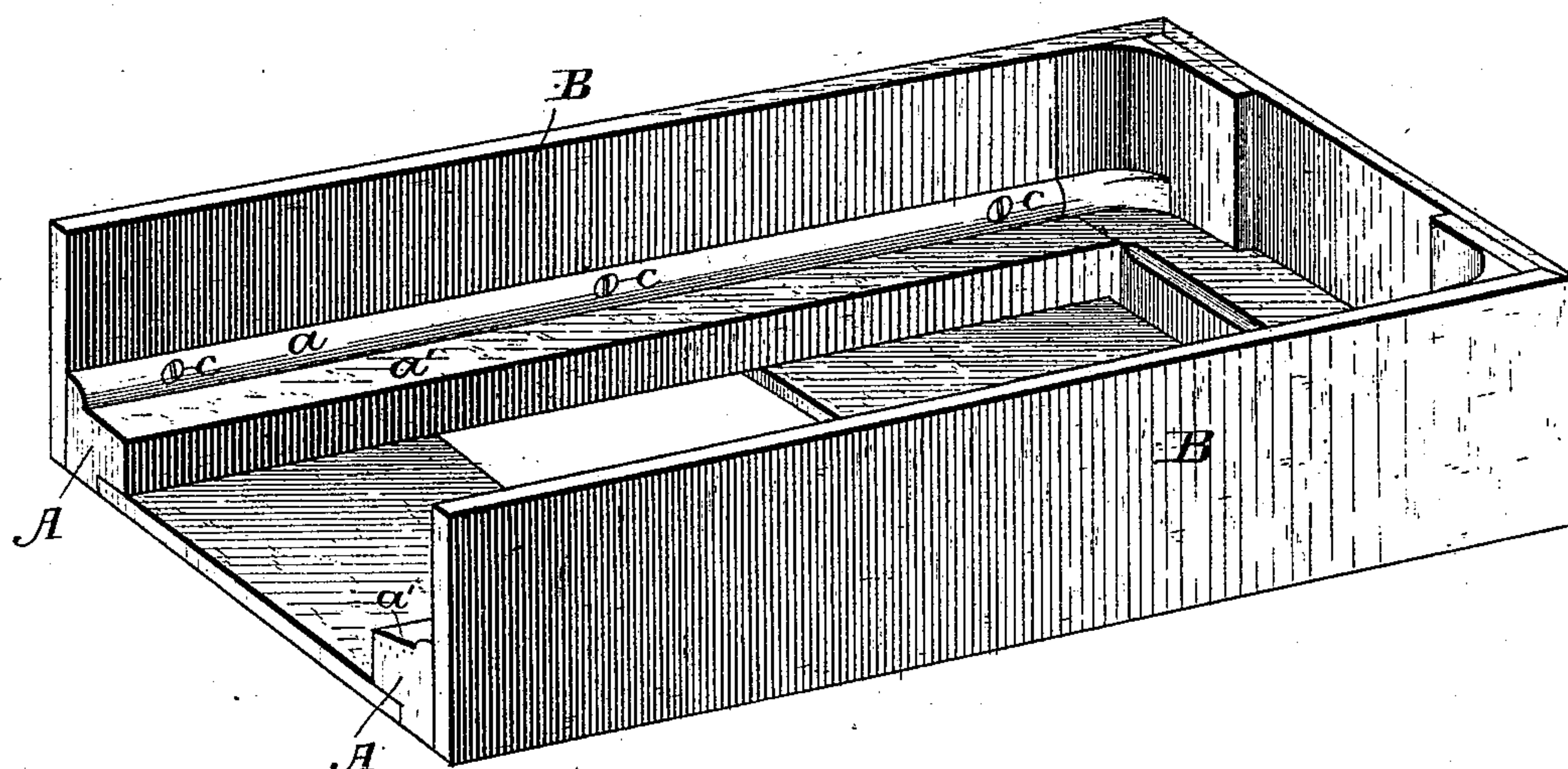


FIG. 2.

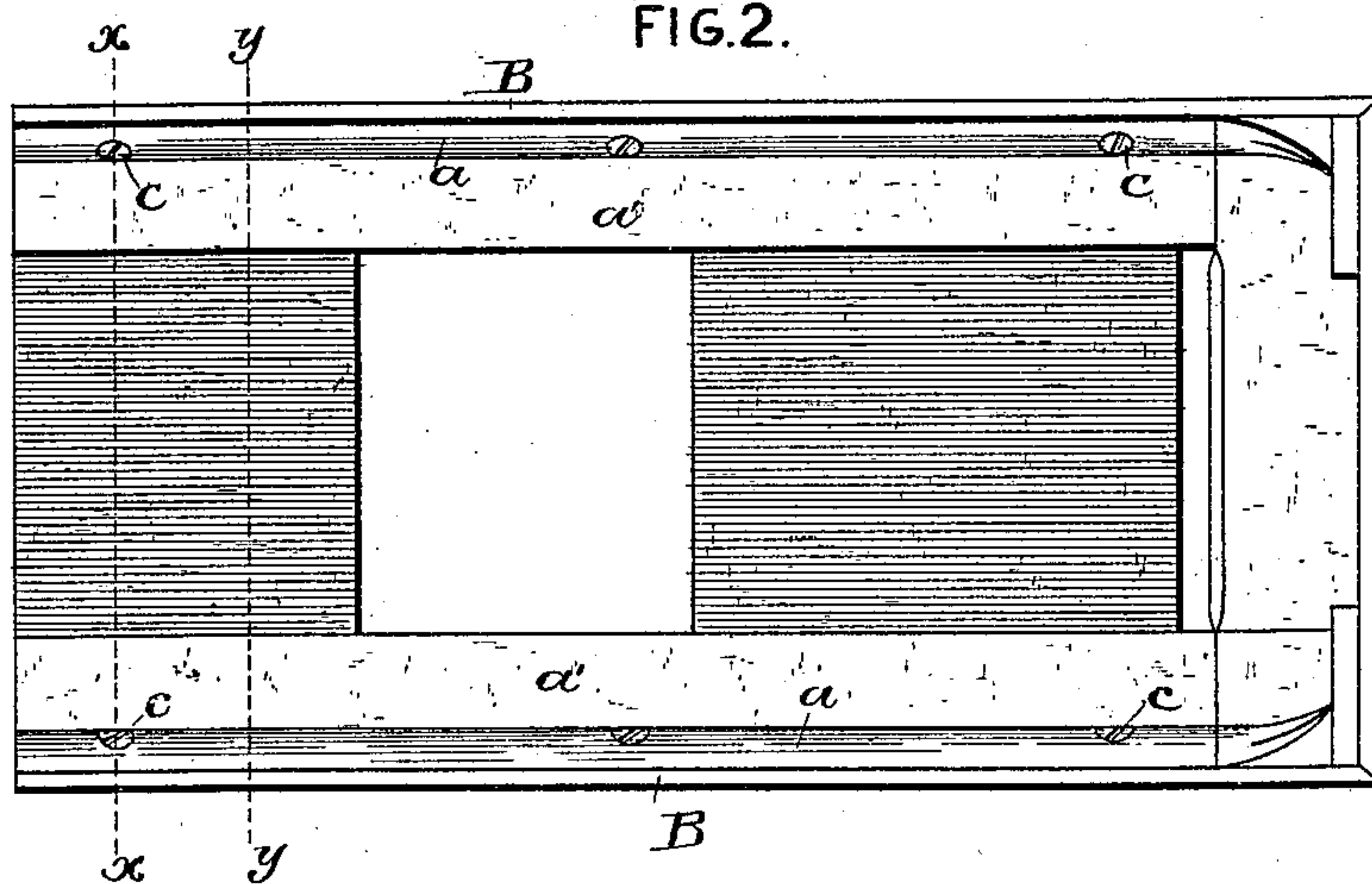


FIG. 3.

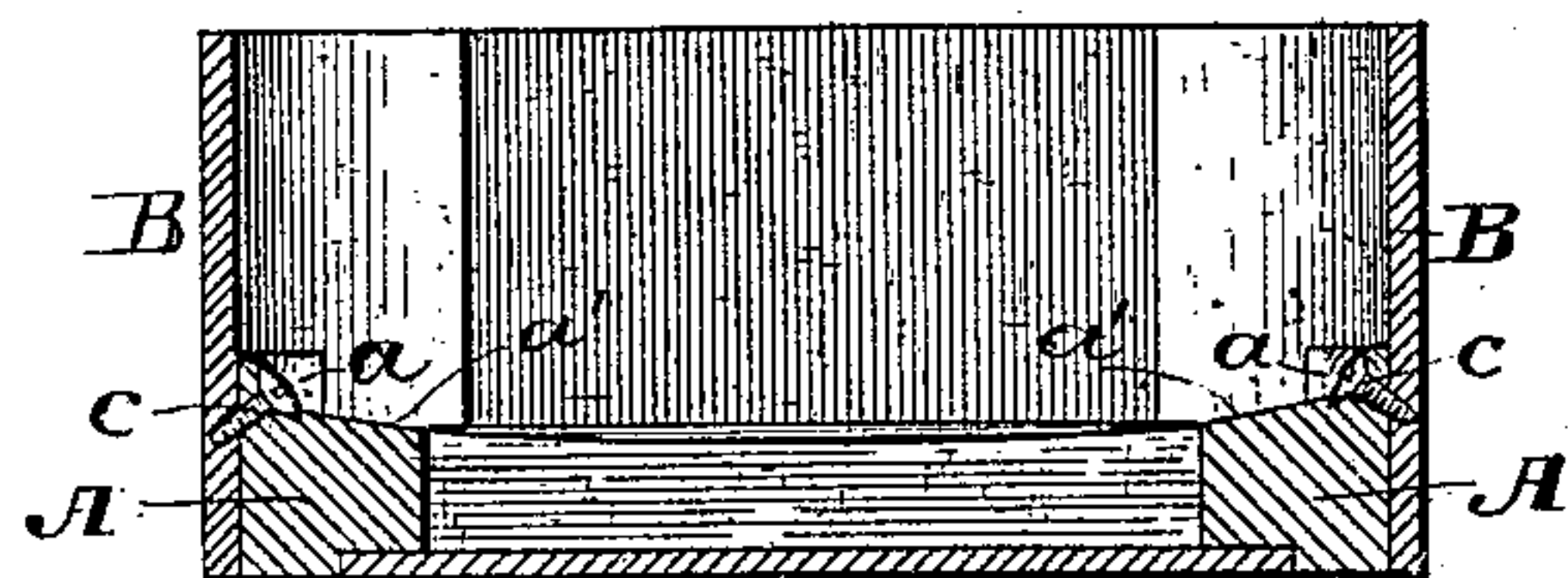
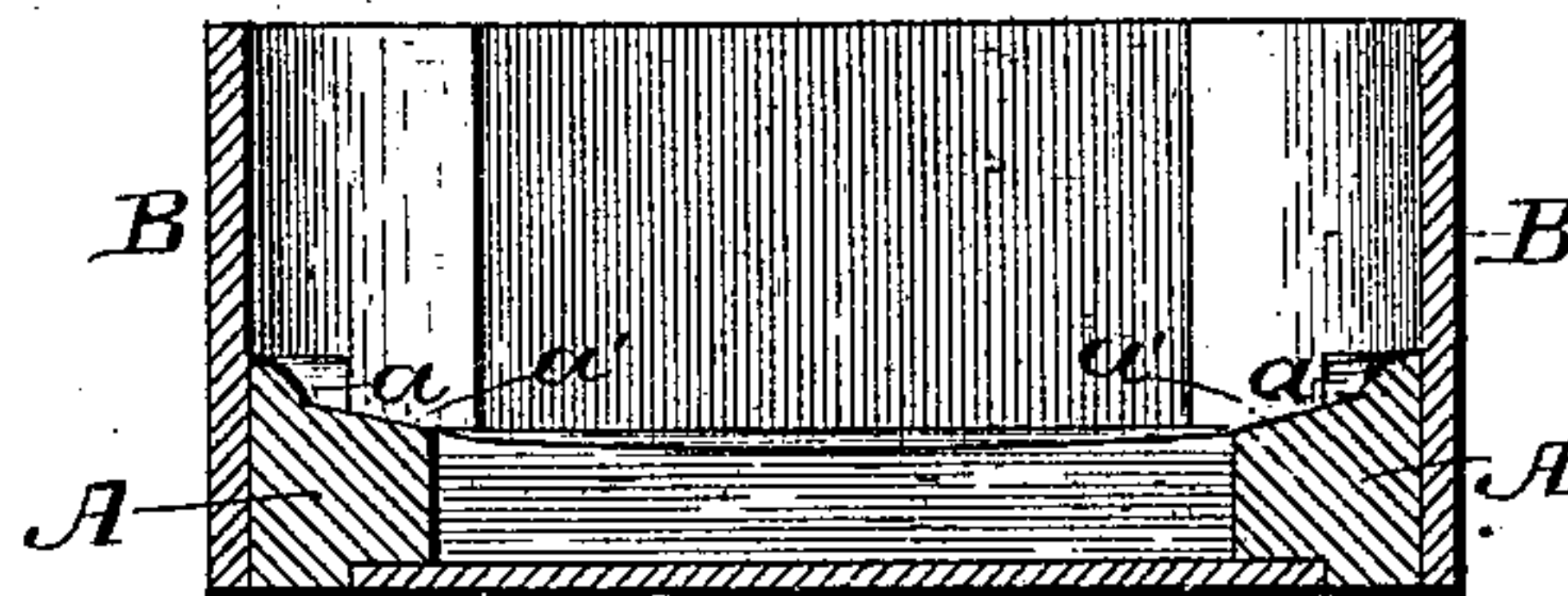


FIG. 4.



ATTEST.
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UNITED STATES PATENT OFFICE.

CHARLES P. KIMBALL, OF CHICAGO, ILLINOIS.

BUGGY-BODY.

SPECIFICATION forming part of Letters Patent No. 316,270, dated April 21, 1885.

Application filed January 16, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHARLES P. KIMBALL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Buggy-Bodies, of which the following is a specification, reference being had therein to the accompanying drawings.

Figure 1 is a perspective view of a buggy-body having the present invention. Fig. 2 is a top plan view of the same. Fig. 3 is a cross-section on line *xx* of Fig. 2. Fig. 4 is a cross-section on line *yy* of Fig. 2.

This invention relates to improvements in buggy-bodies, and the novelty consists, chiefly, in the construction of the sill and in its combination with the other part of the device.

Heretofore buggies have been made with a flat top sill; but while this answered the purpose of strength it has proved objectionable, because there is afforded space for water to stand on the top of the sill. In a short time the moisture would inevitably find its way down between the sill and the panel, and thus the glue which held the panel to the sill would be loosened—that is, be dampened—and made to part with its retaining or cohesive power. The result was that the panel would spring away from the sill or come off. It has not been found desirable to fasten the panel to the sill by a screw outside the panel, because the screw-heads very seriously marred the surface of the panel. It is to obviate the troubles and inconveniences which have thus arisen from the former construction of the body that this invention has been devised, and I will now more fully describe how this is to be done.

In the accompanying drawings is represented the buggy-body, which, except in the details now to be explained, may be of any ordinary construction.

A denotes the sill, and B the panel. The sill is preferably a solid piece having a lip, *a*, on its inner upper edge, and its top *a'* slightly inclined from the side next the panel downwardly and inwardly. By means of screws *c*

passed through the lip *a* into the panel, the panel can be securely fastened to and upon the outside of the sill, nor will the outer face of the panel be marred by the screws so set in. Preferably the screws are put in at a slight angle, as shown in Fig. 3. The structure of the sill is especially adapted to secure this result, and in this way the screws will have firm hold on the panel, and yet not in the least mar its outer face. Thus, without marring its outer face, the panel is firmly secured to the sill, provision is made for the escape of any moisture, so that it shall not come between the sill and the panel, and as a whole a more perfect and durable structure is obtained.

The simplicity, cheapness, and ease with which all the desired results are attained will be obvious at a glance.

I am aware that it is not new in the construction of buggy-bodies to secure the sill or bed-piece flush to the bottom edge of the panel by means of vertical bolts passed through said parts and through the top rail, and therefore I do not claim such a device.

Having now described my invention, what I claim is—

1. In a buggy-body, the bed-piece or sill A, constructed with a lip, *a*, and an inclined plane, *a'*, and secured to the inner side of the panel by means of screws passed through said lips from the inside outward and downward, substantially as described.

2. In a buggy-body, the combination, with the panel, of a bed-piece or sill having an inclined upper surface and a lip, *a*, substantially as described.

3. The combination, in a buggy-body, of a sill or bed-piece having an inclined upper surface with a panel, substantially as described.

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

CHARLES P. KIMBALL.

Witnesses:

JAMES K. ANDREWS,
FREDERICK A. SMITH.