G. P. STEINBACH.

Children's Carriages.

No. 155,551. Patented Sept. 29, 1874.

Fig. 1.

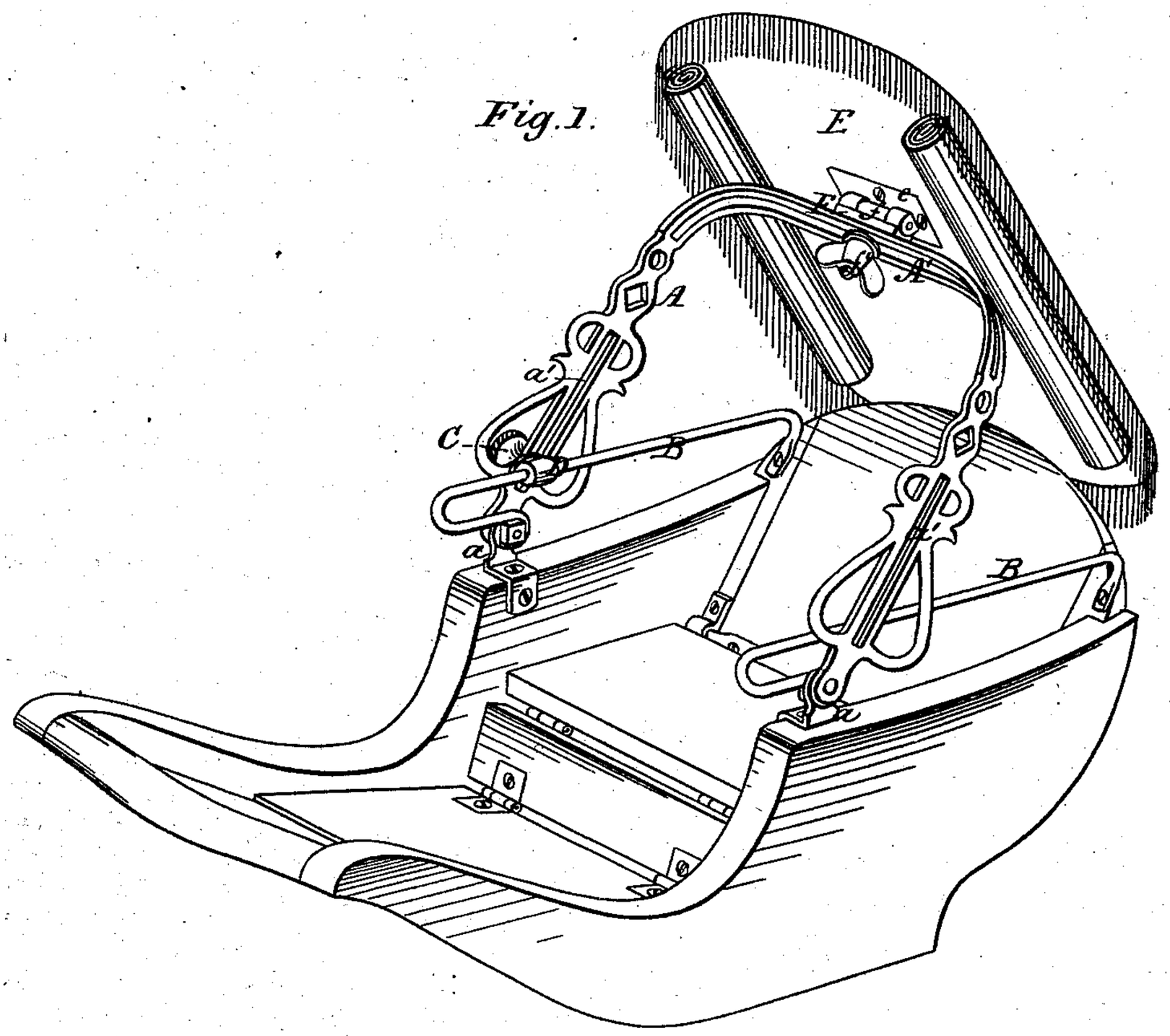


Fig. 2.

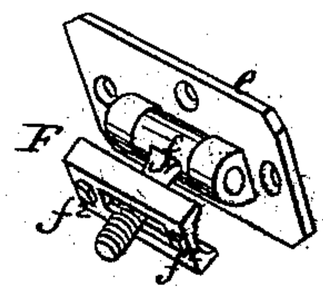
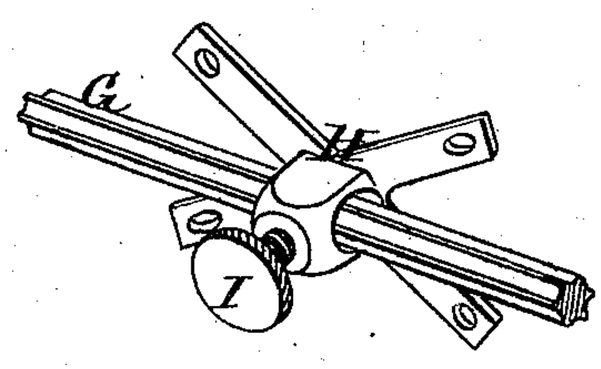


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE P. STEINBACH, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN CHILDREN'S CARRIAGES.

Specification forming part of Letters Patent No. **155,551**, dated September 29, 1874; application filed September 17, 1874.

To all whom it may concern:

Be it known that I, GEORGE P. STEINBACH, of Baltimore, in the county of Baltimore and State of Maryland, have invented a certain Improvement in Childrens' carriages, of which the following is a specification:

This invention relates to that class of "canopy-top" or "jagger-top" children's carriages in which the top is supported on a bow; and my improvement consists, first, in so connecting the top that it may be readily adjusted to any angle, relatively to the bow, to shield the child when seated in the carriage from the rays of the sun, the wind, or the rain coming from any direction, so that the use of curtains may be dispensed with; secondly, in combining the bow in such a manner with fixed side rails on the carriage-body that the bow can be adjusted to, and firmly retained in, any desired position with reference to the body of the carriage; thirdly, in certain details of construction and combination, fully stated in the ensuing description, and specifically pointed out in the claims.

In the annexed drawings, Figure 1 is a perspective view of the body of a child's carriage embodying my improvements in the manner of arranging the supporting-bow and its canopy-top. Fig. 2 is a perspective view of the hinge-joint between the top and the bow. Fig. 3 illustrates a different form of bow and suitably modified means for connecting the top thereto.

The same letters of reference are used in all the figures in the designation of identical parts.

I have shown my invention as applied to a child's carriage, in which the seat is so combined with the back panel of the body and a foot-board that these parts may be arranged to afford support to a child either in a sitting or in a reclining position; but it may, of course, be applied to other styles of children's carriages.

The legs of the bow A are pivoted to low standards *a a*, fixed on the side panels of the body, about in line with the front edge of the seat. Each side panel is surmounted by a fixed horizontal rail, B, which, starting from the back panel—that is, the fixed portions thereof—runs forward beyond the standard *a*, and is then, by means of a downward return curve, carried back and fastened to said standard. The legs of the bow A, located just outside of the rails B, are slotted, as at *a' a'*, and are connected, either one or both, by means of a clamping-screw, C, the shank of which passes through the slot *a'* to a sleeve, D, flattened on one side to fit on the flat surface of the bow, and tapped to receive the screw-threaded shank of the clamping-screw, and also fitted to slide freely on the rail B.

It will be readily seen that this mechanism admits of throwing the bow into any desired position, vertical, or inclined backward or forward, and that, by tightening up the clamping screw or screws after proper adjustment of the bow, the latter can be retained in such position.

The flat, or, at least, only slightly-arched, canopy-top E, is centrally connected to the bow in the following manner: To lugs of a plate, *e*, fixed in the center on the under side of the top, is pivoted the T-headed bolt, *f*, the screw-threaded shank of which passes through a bearing-plate, F, into and through the slot A' of the bow to receive the thumb-nut f^1, which is used to clamp all the parts mentioned firmly to the bow. The slot A' extends the entire length of the cross-bar of the bow, and some little distance into each leg thereof, as shown. The upper surface of bearing-plate F snugly fits the lugs on plate *e*, while its under side is provided with projections f^2 f^2, fitting slot A' in the bow.

Thus, the bearing-plate, being unable to turn itself on the bow, will always hold the top in line with the body, no matter to what position it may be adjusted.

By slightly loosening the nut f^1 the top may be shifted to one side or the other of the bow, and may also be turned at the same time on its hinge, affording the greatest facility of arranging it to properly shield the child in the carriage, the range of adjustment being still further increased by the adjustable nature of the supporting-bow.

The top is suitably fringed, and may also carry side curtains, as shown.

A more simple mode than that just described of adjustably connecting the bow and top is shown in Fig. 3, where the cross-bar of the bow G is made solid and fluted, and the top connect-

ed directly to it by a sleeve, H, fixed to the top and encircling the bow, and the sleeve is firmly secured on the bow by a set-screw, I, at any point, the flutes preventing the slipping of the set-screw.

Still other forms of connections may be devised, and my invention is primarily not confined to any special one, the only requisite being the permissibility of the described adjustments of the top. At the same time I do not propose to claim broadly a top adjustable with reference to the bow, but confine myself to a top capable of the peculiar adjustments on the bow hereinbefore explained.

The side rails B incidentally serve as guards to prevent injury to the child from the wheels.

The top and bow being detachable the carriage may be used without them, if desired; and this feature also permits of packing it to better advantage, both as concerns space and protection against damage during transit.

Whether the bow be constructed as shown in Figs. 1 and 2, or as indicated in Fig. 3, it should allow such extent of lateral adjustment of the top as to admit of its being thrown into a vertical position on either leg of the bow.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In combination with the bow A of a child's carriage, the top E, hinged to the bow and also laterally adjustable thereon, as set forth.

2. In combination with a pivoted and adjustable bow, A, of a child's carriage, the top E, hinged to said bow and also laterally adjustable thereon, as set forth.

3. The combination of the bow A, having slot *a*, side rail B, sleeve D, and clamping-screw C, substantially as specified.

In testimony whereof I have signed my name to the foregoing specification in the presence of two subscribing witnesses.

GEO. P. STEINBACH.

Witnesses:

RORSYON ROGERS,

D. PRESTON PARR, Jr.