

(No Model.)

S. A. BAIN.
DETACHABLE CHILD'S SEAT FOR BUGGIES.

No. 592,515.

Patented Oct. 26, 1897.

Fig. 1.

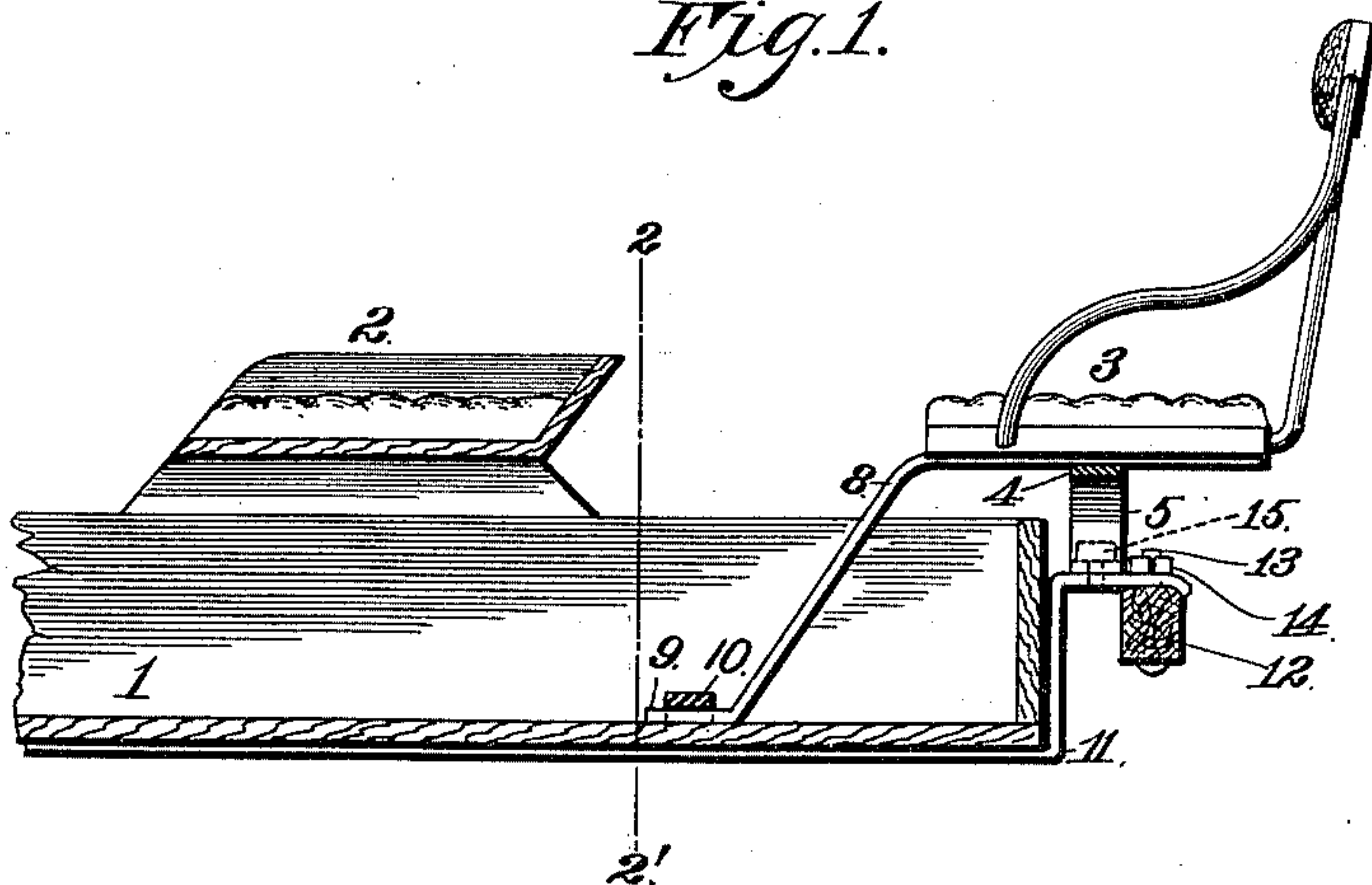


Fig. 2.

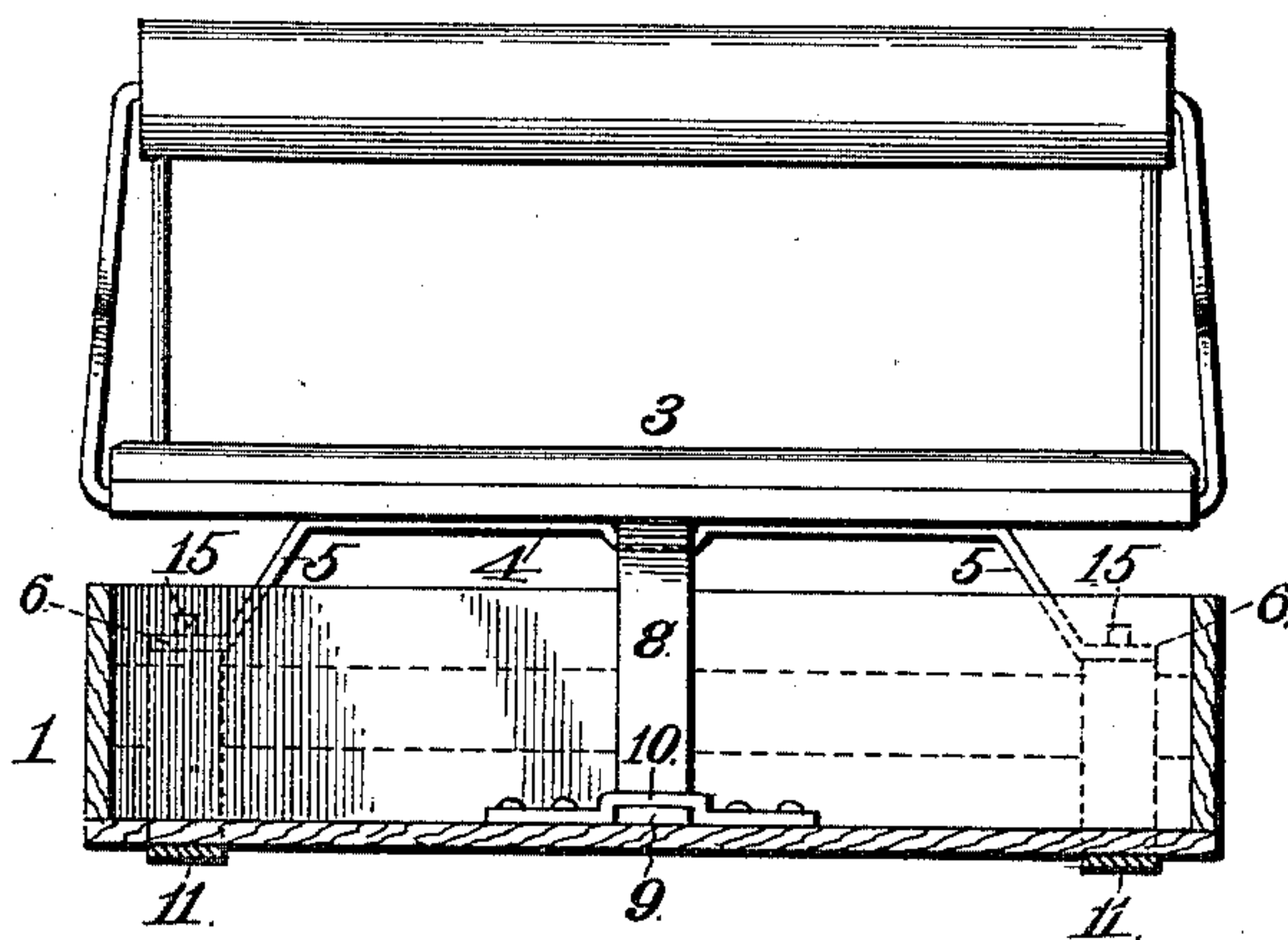
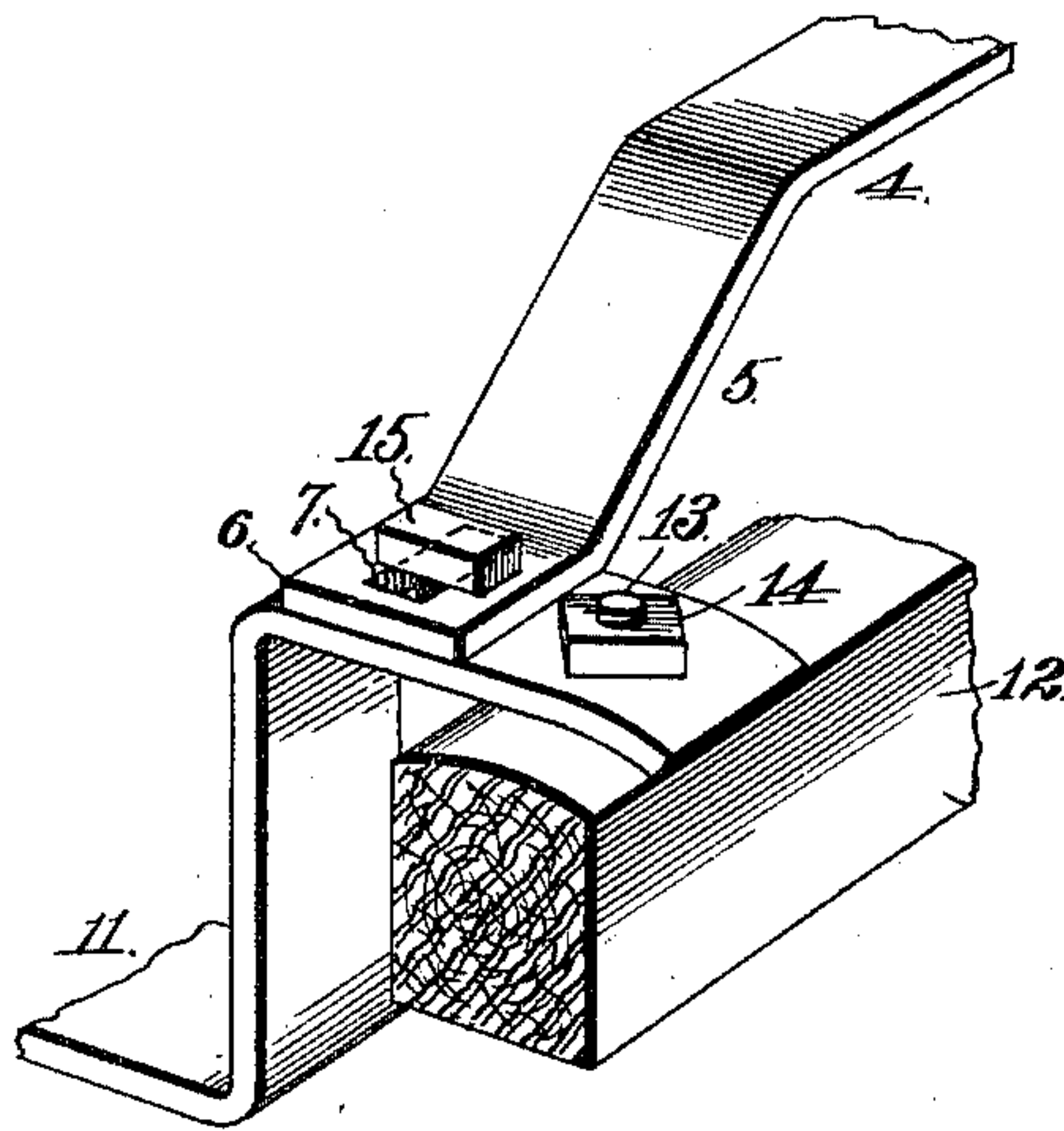


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

STEPHEN A. BAIN, OF CHILLICOTHE, MISSOURI, ASSIGNOR OF ONE-HALF TO
MARION J. MATTHEWS, OF SAME PLACE.

DETACHABLE CHILD'S SEAT FOR BUGGIES.

SPECIFICATION forming part of Letters Patent No. 592,515, dated October 26, 1897.

Application filed August 5, 1896. Serial No. 601,774. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN A. BAIN, of Chillicothe, Livingston county, Missouri, have invented certain new and useful Improvements in Detachable Children's Seats for Buggies, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to buggy-seats, and more particularly to detachable seats for children.

The object of the invention is to produce a simple, strong, durable, and cheap seat which can be quickly, easily, and reliably arranged in position relative to a buggy to increase its seating capacity or as quickly and easily removed.

The invention consists in certain novel and peculiar features of construction and arrangement, as hereinafter described and claimed.

In order that the invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 represents a vertical longitudinal section of a buggy provided with a detachable child's seat embodying my invention. Fig. 2 represents a cross-section of the same, taken on the line 2' 2' of Fig. 1. Fig. 3 is a perspective view showing clearly the connection between the detachable seat and the bed-iron of the buggy.

Referring now to the drawings in detail, 1 designates a buggy box or body, and 2 the usual seat for the same.

3 designates my improved detachable child's seat. It is provided at its under side with a longitudinally-extending strap or bar 4, provided with downwardly-extending arms 5 at its ends, which terminate in horizontal feet 6, provided with longitudinal slots 7. Secured to the under side of said seat and arranged centrally thereof is the metallic angle-bar 8, which extends downwardly and forwardly and is provided at its lower end with the forwardly-projecting horizontal foot 9. This foot, when the seat is in its operative

position, is embraced by the transverse clip or bracket 10, secured to the bottom of the buggy, as shown clearly. The slotted feet of the strap or bar 4 rest squarely upon the rear ends of the bed-irons 11, which are secured to the buggy-box and to the rear bolster 12 in the customary manner, the connection between the bolster and the bed-iron being represented in Fig. 3 by the bolt 13 and the nut 14.

15 designates bolts provided with elongated heads and screwed into the bed-irons. Said bolts perform the function of clamping-bolts and turn-buttons combined. They are provided with elongated heads, as shown, in order that they may be turned to such position that the slotted feet of the depending arms 5 of the strap or bar 4 may be slipped over them and down upon the bed-irons. They are then screwed down into said bed-irons until said heads extend transversely of said slots and clamp said feet firmly and reliably in position upon the bed-irons, as shown clearly in dotted lines, Figs. 1 and 2, and full lines, Fig. 3. By this arrangement it is obvious that it is only necessary to turn the bolts 15 one-quarter of a circle, or in alignment with said slots, in order to connect said seat with said bed-irons or to disconnect it therefrom.

In practice to place the seat in position the foot 9 of the bracket 8 is first slipped forwardly under the clip or bracket 10, and then the bolts 15 are manipulated as described. This makes a practical and reliable support for the seat.

From the above description it will be apparent that I have produced a detachable child's seat for buggies which will increase the capacity of the vehicle without crowding the occupants and which combines the features of advantage enumerated in the statement of invention.

Having thus described the invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination, a buggy provided with a socket or clip on its bed, and clamping-bolts

having elongated heads, carried by and projecting upwardly from the bed-irons, and a seat, provided with an angle-bracket engaging said socket or clip, and a bar having
5 slotted arms engaged by the said clamping-bolts and resting upon said bed-irons, substantially as shown and described.

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

STEPHEN A. BAIN.

Witnesses:

M. R. REMLEY,
M. A. MURRAY.