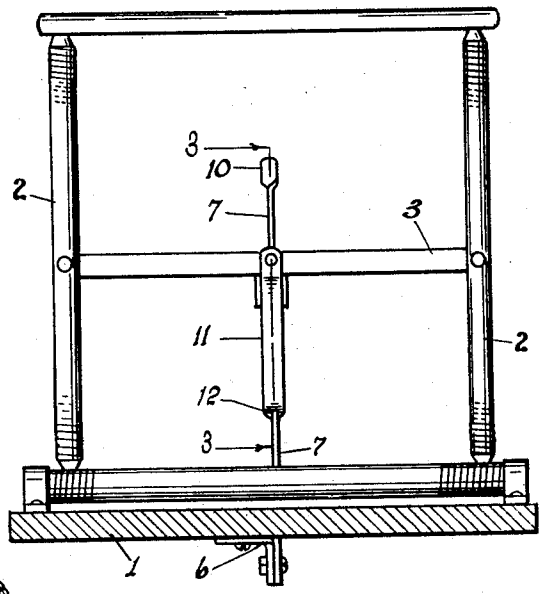
C. A. LINDBERG.

CARRIAGE ADJUSTABLE BACK.

APPLICATION FILED APR. 16, 1921.

1,387,499. Patented Aug. 16, 1921.

Fig. II.



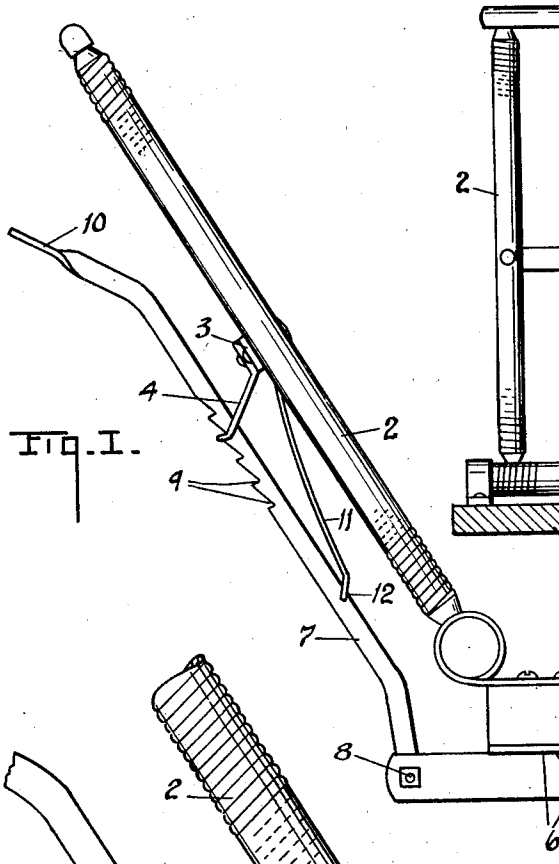


Fig. I.

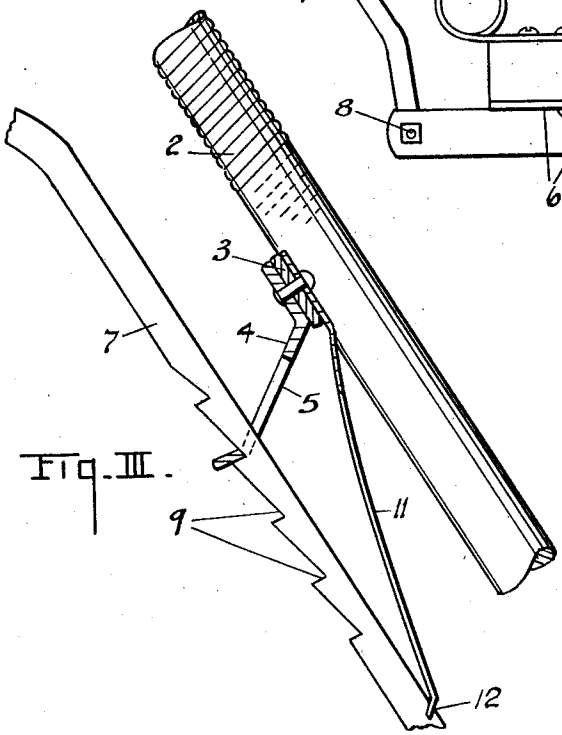


Fig. III.

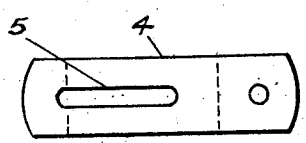


Fig. IV.

INVENTOR.

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UNITED STATES PATENT OFFICE.

CHARLES A. LINDBERG, OF STURGIS, MICHIGAN, ASSIGNOR TO STURGIS STEEL GO-CART CO., OF STURGIS, MICHIGAN.

CARRIAGE ADJUSTABLE BACK.

1,387,499. Specification of Letters Patent. **Patented Aug. 16, 1921.**

Application filed April 16, 1921. Serial No. 461,817.

To all whom it may concern:

Be it known that I, CHARLES A. LINDBERG, citizen of the United States, residing at Sturgis, county of St. Joseph, State of Michigan, have invented certain new and useful Improvements in Carriage Adjustable Backs, of which the following is a specification.

This invention relates to improvements in adjustable seat backs. My improved adjustable seat back is especially designed by me for use on children's carriages, and I have illustrated my improvements in the accompanying drawing as I have embodied them in practice in such structures.

The main object of this invention is to provide an improved adjustable back for seats of children's carriages and the like which may be quickly and easily adjusted, and is simply and economically produced, being very strong and durable.

Further objects, and objects relating to structural details, will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification. The invention is clearly defined and pointed out in the claim.

A structure which is the preferred embodiment of my invention is clearly illustrated in the accompanying drawing forming a part of this specification, in which:

Figure I is a detail side elevation of a seat for children's carriages, embodying the features of my invention, only such portions of a carriage being shown as are deemed necessary to illustrate an embodiment of my improvements.

Fig. II is a vertical transverse section through the seat on a line corresponding to 2—2 of Fig. I, the covering for the back being omitted.

Fig. III is an enlarged detail view partially in section on a line corresponding to line 3—3 of Fig. II.

Fig. IV is a plan view of the blank from which the slotted arm of the back is formed.

In the drawing similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawing, 1 represents the seat, and 2 the back of a child's carriage. The back is provided with a cross bar 3 disposed about midway thereof. On the rear side of this bar I mount an arm 4 having a slot 5 therein. On the under side of the seat, I mount a bracket 6 so that its rear end projects rearwardly of the seat.

The back supporting arm 7 is pivoted on this bracket 6 at 8, the arm being arranged through the slot 5 in the arm 4 and provided with upwardly facing tooth-like notches 9 adapted to engage the arm, thereby adjustably supporting the back.

The upper end of the supporting arm 7 is bent rearwardly and twisted to provide a grip 10. A blade spring 11 is mounted on the cross bar 3 to project downwardly and rearwardly, and notched at 12 to receive the front edge of the supporting arm 7, so that the supporting arm 7 is adjustably held in engagement with the arm 4.

The structure is strong and durable and at the same time quite economical to produce, and while the parts are securely held in their adjusted positions, the adjustment is easily effected.

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

In a structure of the class described, the combination of a seat, a back pivotally mounted on said seat, a rearwardly projecting slotted arm on said back, a bracket mounted on the under side of said seat projecting rearwardly therefrom, a back supporting arm pivotally mounted on said bracket and projecting upwardly at the rear of the said back and through said slotted arm thereon, said supporting arm being provided with a rearwardly directed grip portion at its upper end, and with a series of upwardly facing tooth-like notches on its rear edge engaging said arm on said back, and a blade spring mounted on said back and notched at its lower end to engage said supporting arm whereby said notches thereof are held in engagement with said arm on said back.

In witness whereof, I have hereunto set my hand and seal in the presence of a witness.

CHARLES A. LINDBERG. [L. S.]

Witness:
GEO. C. BROWN.