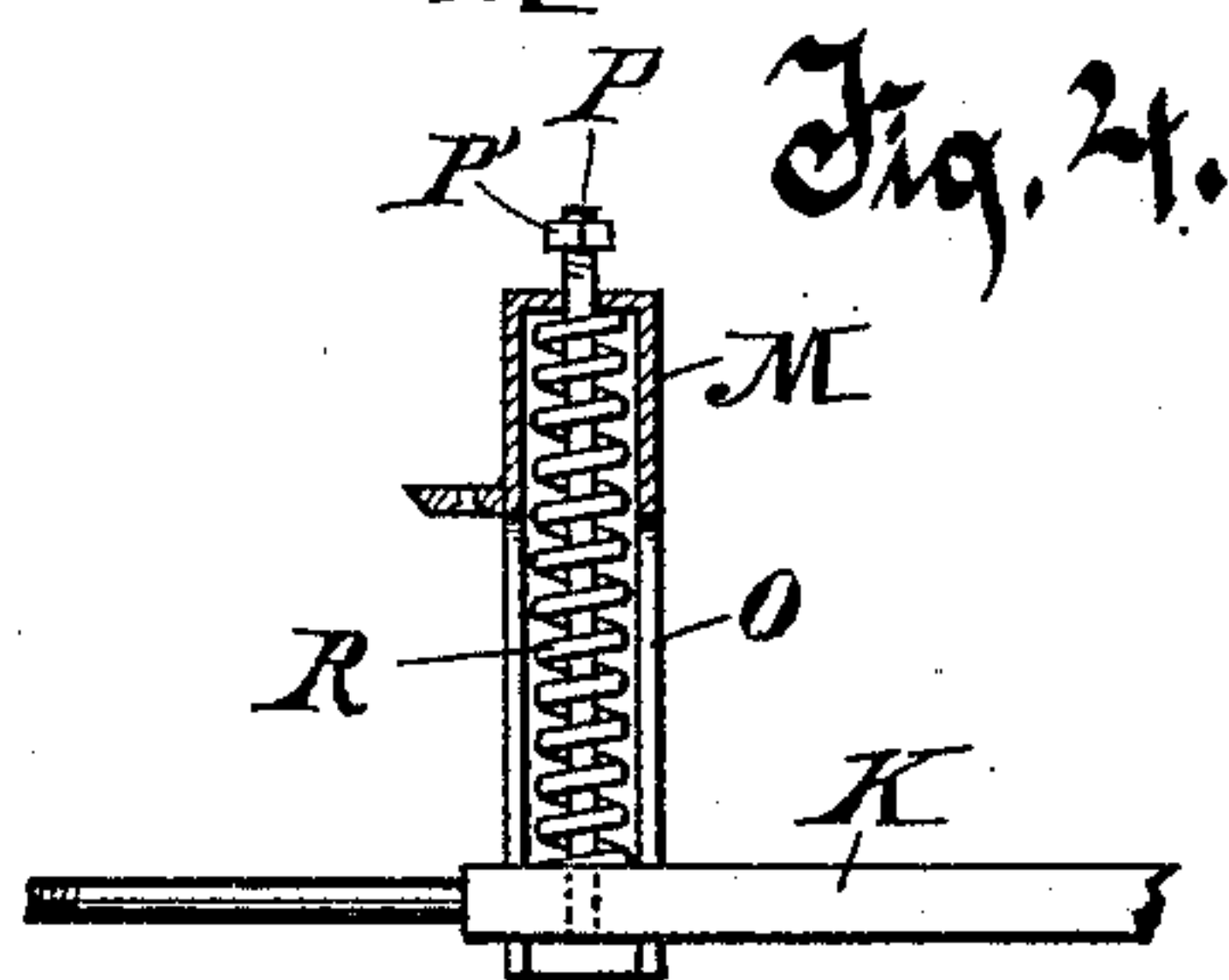
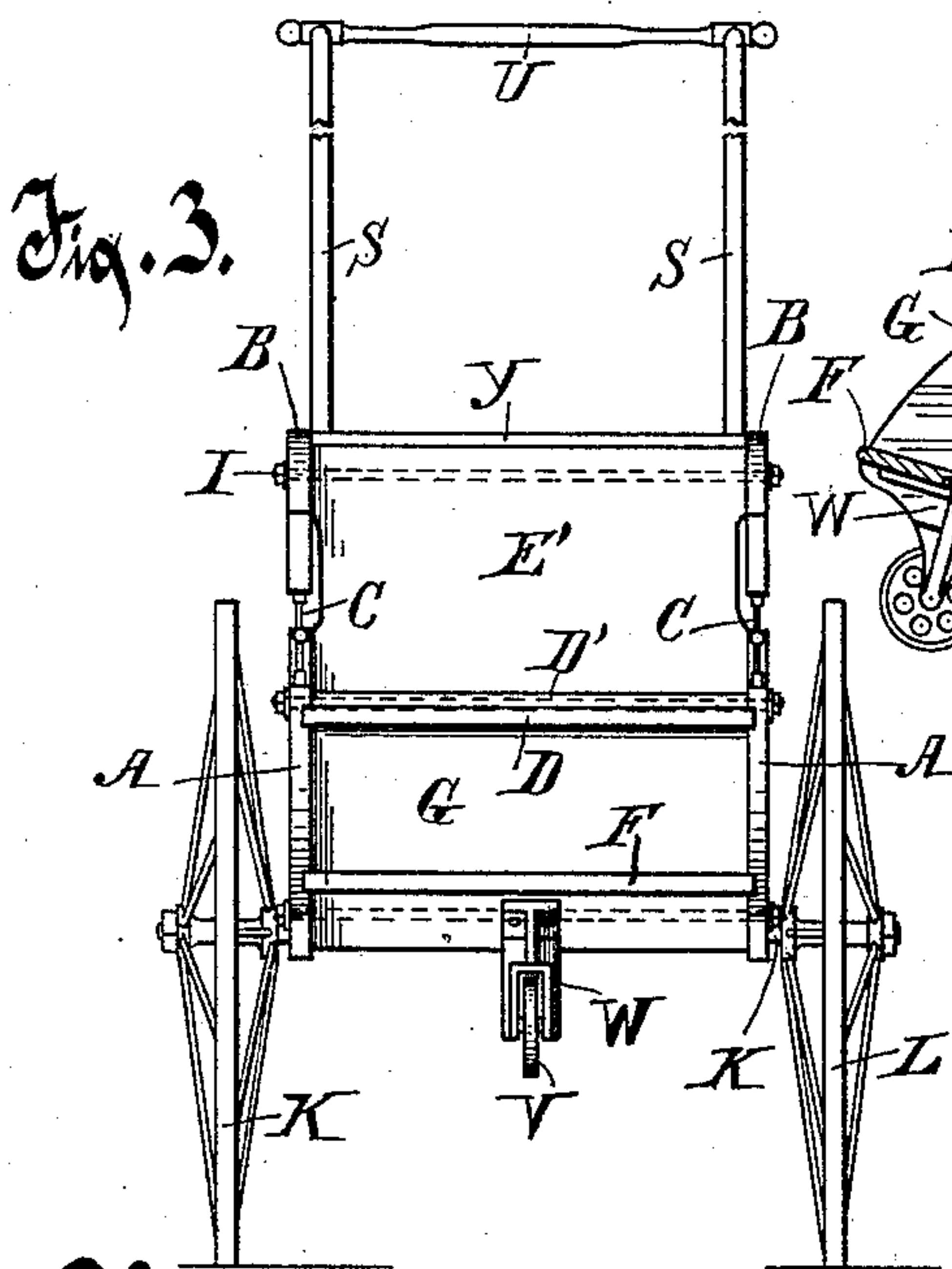
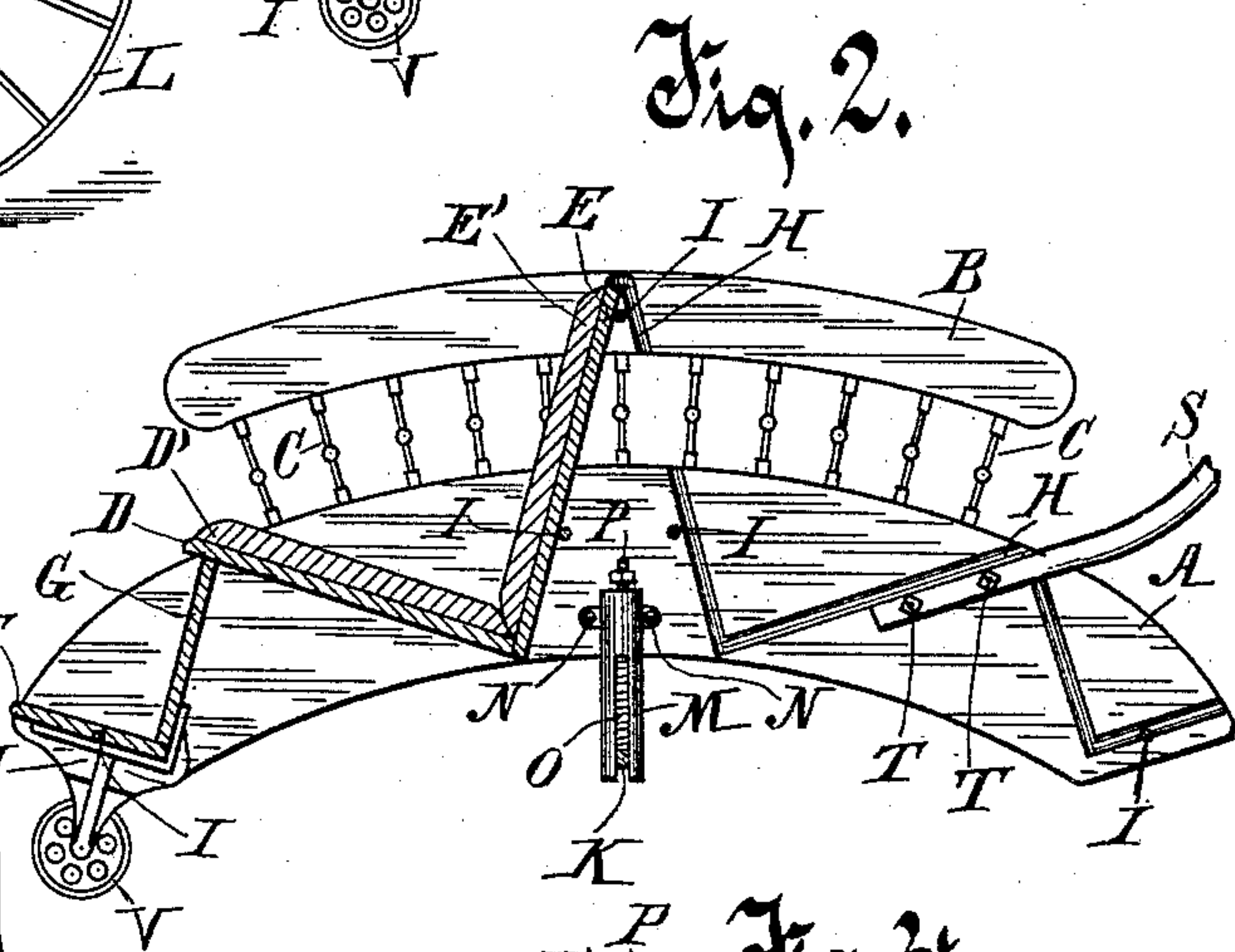
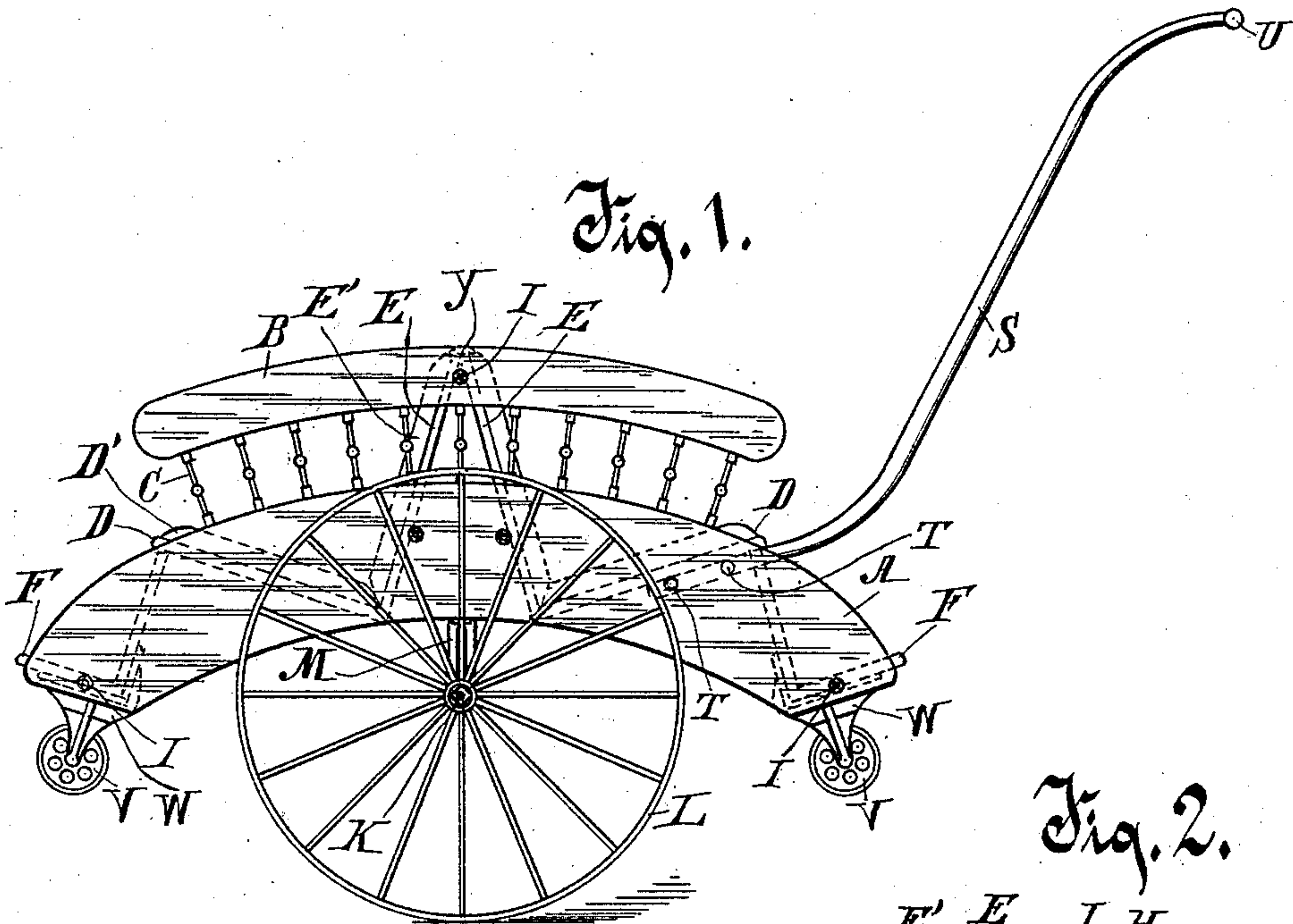


(No Model.)

F. C. HANNAHS.  
CHILD'S CART.

No. 525,705.

Patented Sept. 11, 1894.



Witnesses.

*C. H. Keeney.*  
*Anna C. Faust.*

Inventor.

*Fred C. Hannahs*  
By *Ruedrich Morrell*  
Attorneys.



# UNITED STATES PATENT OFFICE.

FRED C. HANNAHS, OF KENOSHA, WISCONSIN, ASSIGNOR TO THE KENOSHA CRIB COMPANY, OF SAME PLACE.

## CHILD'S CART.

SPECIFICATION forming part of Letters Patent No. 525,705, dated September 11, 1894.

Application filed October 27, 1893. Serial No. 489,255. (No model.)

*To all whom it may concern:*

Be it known that I, FRED C. HANNAHS, of Kenosha, in the county of Kenosha and State of Wisconsin, have invented a new and useful Improvement in Children's Carts, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

The invention relates to a vehicle of the class that is adapted for carrying children, being pushed or drawn about by an attendant. In this case the invention relates to a cart having two supporting and traveling wheels, and adapted to carry two or more children.

The invention consists of the device and its parts as herein described and claimed, or their equivalents.

In the drawings, Figure 1, is a side elevation of the complete device. Fig. 2, is a longitudinal vertical section of the body of the cart, parts being omitted for convenience of illustration. Fig. 3, is a front end view of the cart, parts being broken away for convenience of illustration. Fig. 4, is a detail.

Referring to the drawings, A A are the side pieces of the body of the cart. These are preferably in curved form, and are duplicate in construction, being arranged at the respective sides of the body of the cart, reversely and opposite each other. These side pieces are conveniently and preferably made of hard wood boards, and in the cart are disposed on edge vertically. At a little distance above these side pieces respectively, there is a shorter and narrower piece of board forming a guard B, also disposed vertically in the plane of the side piece A and secured thereto permanently by a series of spindles C.

The cart is intended to carry two children and is therefore provided with reversely arranged transverse seats D located at a little distance from each other and at equal distances from the center longitudinally of the side pieces A. These seats D are disposed at a slight angle to the horizontal plane being depressed at their inner and adjacent edges.

Transverse boards forming backs E for the seats D project upwardly converging toward each other and meeting at their upper edges

substantially over the transverse center of the carriage body, and over the axle. The backs E and seats D are substantially at right angles to each other. The seats D and backs E are preferably provided with the cushions D' and E' respectively. Below and at the front and rear of the seats D respectively are other transverse boards forming foot rests F. These foot rests are disposed in planes substantially parallel with the plane of the seat adjacent to each. Transverse risers G are located under the edges of the seats D, being interposed between the seats and the foot rests.

The seats D, the backs E, the foot rests F and the risers G are all secured in place by being let into the side pieces A and guards B in grooves H therefor formed in the side pieces and in the guards. The side pieces are held together and the seats, backs, foot rests and risers are held in place by long bolts I, preferably five in number through the side pieces, beneath the backs E and foot rests F, respectively, which bolts are provided with heads at one extremity and with screw threaded nuts at the other extremity. By tightening the screws, the side bars A A are, of course, brought firmly against the backs, seats, risers and foot rests, whereby said several parts are held firmly in the grooves H of the side pieces, without danger of falling out, and should looseness occur at any time, this can be compensated for by merely tightening the nuts. In this manner the body of the cart is easily and inexpensively made, and the parts when in position and secured together by the bolts are firm, secure and strong in construction, though adapted to be taken apart readily if occasion requires.

For supporting the body of the cart a small metal axle K is provided with wheels L, on which axle the body of the cart is mounted as follows: Tubular boxes M M, one at each side, are secured permanently respectively to the side pieces A, preferably by means of screws N through lugs integral with the boxes and turning into the side pieces. These boxes are provided with vertical slots O adapted to receive the axle K therein, the furcate parts of the boxes straddling the axle



and bearing movably against the front and rear sides thereof.

Guide rods P fixed rigidly in the axle K project upwardly through the boxes M and 5 are preferably provided with nuts P' turning thereon above the top of the boxes to prevent the axle from escaping from the boxes. Springs R coiled around the rods P within the boxes M rest on the axle K and bear at 10 their upper ends against the top of the boxes, thus supporting resiliently the body of the cart on the axle K. This construction permits of the vertical movement of the cart body on the springs, but prevents the sway- 15 ing or tilting of the cart body laterally on the axle.

Tongues S S one at each side are secured permanently to the side pieces A A preferably 20 below the seat D at the rear of the body of the cart, and conveniently by means of the bolts T T. A cross bar U secured to the free extremities of the tongues S, serves as a convenient handle for the attendant, by which to push or draw the cart.

25 Auxiliary bearing wheels V, one at each end, are axled in brackets W W therefor, which brackets are secured permanently to the foot rests F and risers G, and thereby serve the purpose both of carrying the auxiliary wheels and of securing the foot rest 30 against escape from the side pieces, horizontally to front or rear, if the foot rest shall, by continued use in a dry hot atmosphere, so shrink as otherwise to be liable to slip out of 35 its place between the side pieces.

A rail cap Y covers the top edges of the backs E E. This cap is held in place by hav- 40 ing its extremities enter sockets therefor in the guards B B, the cap being substantially as long as the backs E E, and the sockets be-

ing practically a part or continuation of the grooves H.

The tongues S are of such size and form, that when the cross bar or handle U is taken hold 45 of by an adult person for pushing or drawing the cart, the hands being held in an easy and natural position in front of the person, the body of the cart will assume a substantially horizontal position, so as to be an easy 50 and enjoyable seat for two children sitting in the cart back to back. The wheels V under the front and rear ends of the body of the cart respectively, are adapted to support the ends of the cart respectively, and prevent 55 excessive tilting thereof.

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

In a child's cart, the combination with the cart body, and a transverse centrally dis- 60 posed axle, of means for supporting the cart body on the axle yieldingly vertically but against swaying laterally, comprising tubular boxes affixed one at each side of the cart body, 65 said boxes being slotted centrally vertically at their lower extremities and arranged to straddle and move vertically on the axle, guide rods fixed in the axle and extending 70 vertically above the springs through the tops of the boxes, and being movable therein in bearings therefor and extension springs coiled about the guide rods in the boxes adapted to support the cart body yieldingly on the axle, substantially as described.

In testimony whereof I affix my signature in 75 presence of two witnesses.

FRED C. HANNAHS.

Witnesses:

JOHNSON A. JACKSON,  
IRETON JACKSON.