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J. J. BUKOLT

FRAMEWORK FOR REAR END PORTIONS OF CHILDREN'S VEHICLES

Filed Sept. 1, 1921

FIG. 1

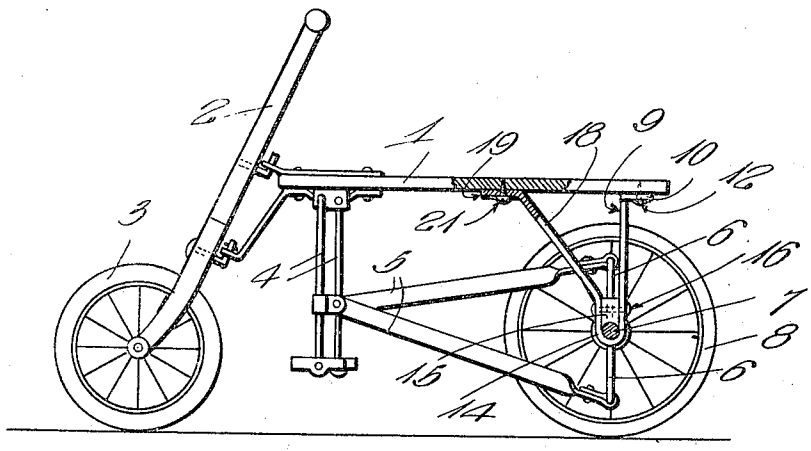
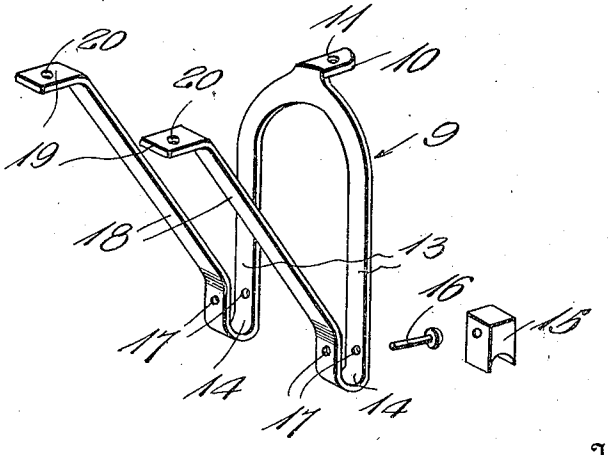


FIG. 2



Inventor

John J. Bukolt

Witness

By Dyrenforth & Co

Attorneys

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UNITED STATES PATENT OFFICE.

JOHN J. BUKOLT, OF STEVENS POINT, WISCONSIN.

FRAMEWORK FOR REAR-END PORTIONS OF CHILDREN'S VEHICLES.

Application filed September 1, 1921. Serial No. 497,621.

To all whom it may concern:

Be it known that I, JOHN J. BUKOLT, a citizen of the United States, residing at Stevens Point, in the county of Portage and State of Wisconsin, have invented certain new and useful Improvements in Framework for Rear-End Portions of Children's Vehicles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in the construction of the rear end portion of a child's vehicle and one object of the invention is to provide an improved frame or bracket structure to be mounted beneath the rear portion of the seat-board or platform of the vehicle and serve to rotatably mount the rear axle of the vehicle.

Another object of the invention is to so construct this frame that it will be a single piece structure and to further so construct it that it may be stamped from heavy sheet metal and then bent to the desired shape.

Another object of the invention is to provide a bracket structure of the character specified which is so constructed that axle-receiving pockets may be formed from the depending side arms and locks secured in these pockets to engage the axle.

Another object of the invention is to provide a bearing bracket which will be very strong and durable and cheap to produce and easy to mount.

This invention is illustrated in the accompanying drawings, wherein:

Figure 1 is a view showing a child's car principally in side elevation and partially in section and having the improved bracket structure shown in connection therewith.

Figure 2 is a perspective view of the improved bracket.

This improved bracket which is shown in perspective in Fig. 2 is to be used in connection with a child's vehicle such as shown in Fig. 1. This vehicle is provided with a seat-board or platform 1, the forward end portion of which is connected with the post 2 of the front forks which carry the front wheel 3 of the vehicle. The pedals 4 are mounted beneath this platform 1 and pitman rods 5 extend rearwardly from these pedals and are connected with the cranks 6 of the rear axle 7 upon the end portions of which will be mounted the rear supporting wheels 8. The bracket structure which forms the subject matter of this invention will now be described.

This improved bracket structure is illustrated in Fig. 2 and referring to this figure, it will be seen that the bracket 9 is of an inverted U-shape and is provided at its upper end with a rearwardly extending tongue 10 having an opening 11 formed therein so that a fastener 12 may be passed through this opening and up into the seat-board or platform 1. The arms 13 of this bracket extend downwardly and are bent upwardly to provide pockets 14 through which will pass the end portions of the rear axle 7. These pockets are open at their upper ends and blocks 15 are placed in these pockets and secured by rivets or other similar fasteners 16 which pass through openings 17 and through the blocks. From an inspection of Figs. 1 and 2, it will be seen that the lower ends of the blocks are cut so that the blocks will have a close fit about the axle and thus provide bearing blocks which will properly engage the axle and permit the axle to rotate easily without wabbling. After forming the pockets 14, the arms of the brackets are carried upwardly and forwardly thus providing bracing sections 18 which have their end portions bent to provide feet 19. These feet 19 engage the underface of the seat-board 1 and are provided with openings 20 so that fasteners 21 may be passed up through these openings and into the seat-board. It will thus be seen that the bracket structure will be so constructed that it can be cheaply made and will further be so constructed that it will be very strong and durable. It will also be noted that due to this construction, the bracket can be easily and quickly put in place and that the arms may be bent somewhat in case it is found that they do not quite fit properly. It will be further noted that with the structure shown, the blocks 15 can be easily removed and replaced if necessary.

I claim:

1. A child's vehicle comprising a seat-board, a rear axle, and means for mounting the rear axle, said means comprising a one piece U-shaped bracket structure secured transversely beneath the seat-board and having depending side arms bent to provide axle receiving pockets open at their upper ends, the ends of said arms being secured to said seat-board and blocks secured in the

open upper end portions of the pockets for resting upon an axle passing through the pockets.

2. A child's vehicle comprising a seat-board, a rear axle, and means for mounting the rear axle, said means comprising an inverted U-bracket secured at its upper end to the underface of said seat-board and having its depending arms bent upwardly to provide axle receiving pockets and then carried upwardly and forwardly and having their end portions secured to the underface of said seat-board, and blocks secured in said pockets and resting upon said axle.

3. A child's vehicle comprising a seat-board, a rear axle, and means for mounting the rear axle, said means comprising an inverted U-bracket having its depending arms bent upwardly to provide axle receiving pocket portions and then carried forwardly and having their end portions bent to provide feet, a tongue extending from the upper portion of said bracket, the feet and tongue engaging the underface of said seat-board and being provided with fastener-receiving openings, and blocks secured in said pockets and having their lower ends shaped for close engagement with said axle.

In testimony whereof I have hereunto set my hand.

JOHN J. BUKOLT.