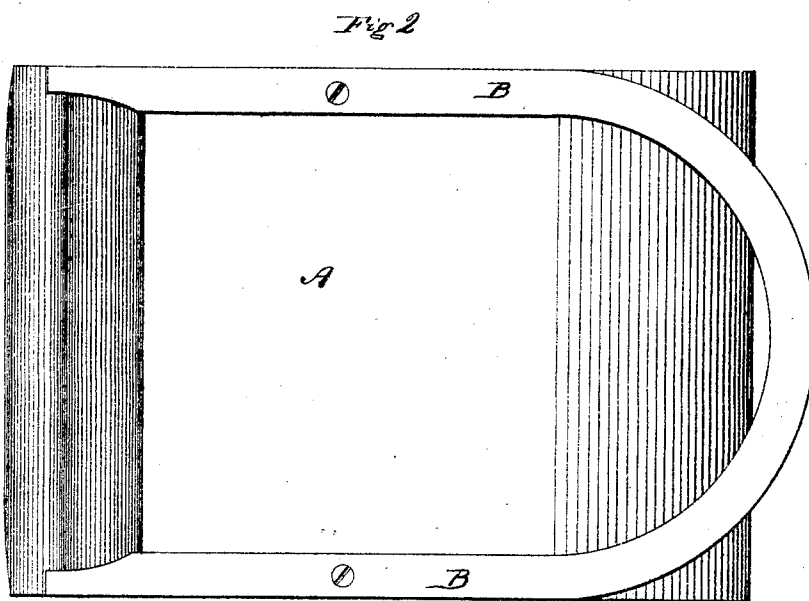
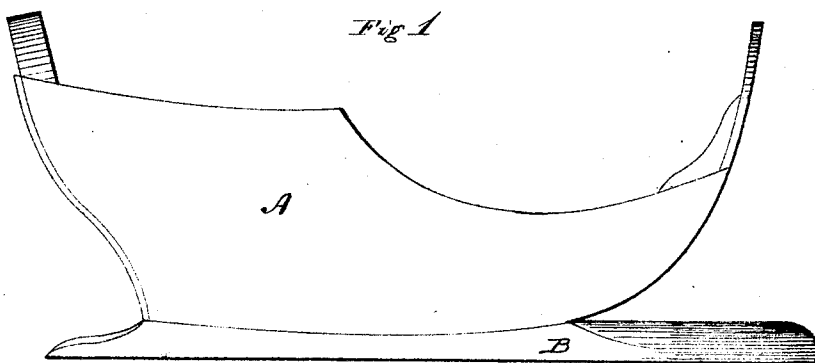


H. W. WARNER.

Improvement in Children's Carriages.

No. 118,656.

Patented Aug. 29, 1871.



Witnesses.

Harry King.
Phil S. Dodge.

Inventor.

H. W. Warner.
by Dodge & Mum.
Atty.

UNITED STATES PATENT OFFICE.

HENRY WARREN WARNER, OF GREENFIELD, MASSACHUSETTS.

IMPROVEMENT IN CHILDREN'S CARRIAGES.

Specification forming part of Letters Patent No. 118,656, dated August 29, 1871.

To all whom it may concern:

Be it known that I, HENRY WARREN WARNER, of Greenfield, in the county of Franklin and State of Massachusetts, have invented certain Improvements in Children's Carriages, of which the following is a specification, reference being had to the accompanying drawing.

My invention relates to children's carriages; and consists in forming the frame upon which the body rests, and to which the running-gear is attached, of a single bar of wood bent into the desired form.

Figure 1 is a side elevation of an ordinary carriage-body having my improved frame attached. Fig. 2 is a bottom-plan view of the same.

Heretofore this class of carriage-frames has been constructed of several bars of wood joined together, and the frames thus constructed were comparatively expensive to make, were unsightly and angular in appearance, and frequently became loose in the joints or came entirely apart.

To obviate these difficulties and produce a stronger, cheaper, and more ornamental frame is the object of my invention. To this end, it consists in forming the entire frame of a single bar of wood, bent into the form of a letter **U**.

In the drawing, A represents an ordinary carriage-body, and B my frame secured thereto. The frame I form by simply taking a straight bar of tough wood of suitable size and length, and

bending the same, by any of the well-known ways or devices, into the form of a letter **U**, with its two arms parallel and at the proper distance apart. I then cut out the upper sides of the arms to fit the under side of the body A, and secure them thereto by bolts, screws, or other devices, as shown in both figures, the curved middle portion being in front of the body, while the two ends extend out behind the same. The running-gear may then be arranged and secured to the frame in any suitable manner. The forward end of the frame B and the rear ends of its arms may be bent upward or downward as the arrangement of the running-gear may render necessary, and the forward end of the frame may be bent in the form of a semicircle, or so as to approximate a rectangle in form.

In this manner I produce a light, strong, and ornamental frame, which can be made at a much less cost than those now in use.

Having thus described my invention, what I claim is—

As an improvement in a child's carriage, the bent frame B secured to the body A, as herein described.

HENRY W. WARNER.

Witnesses:

WM. GUINAN,
GEORGE W. BARTLETT.

(5.)