M. J. FOYER.

PUSH HANDLE FOR GO-CARTS AND THE LIKE.

APPLICATION FILED AUG. 16, 1911.

1,093,322. Patented Apr. 14, 1914.

Fig. 1

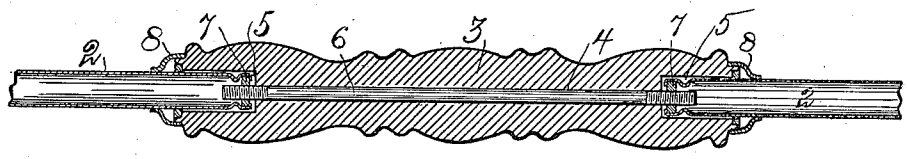
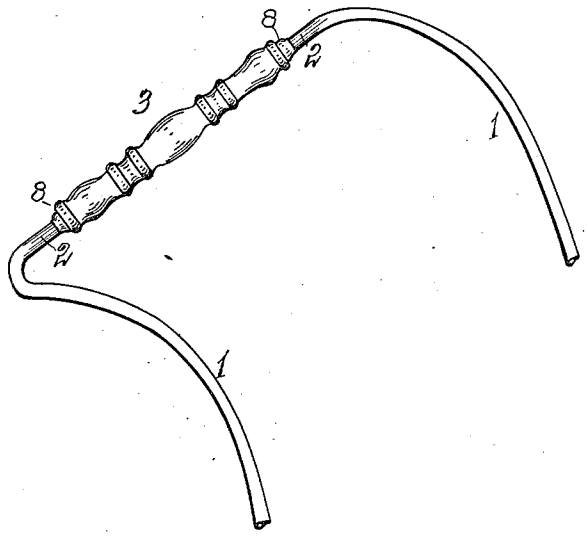


Fig. 2



WITNESSES.

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INVENTOR:

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UNITED STATES PATENT OFFICE.

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PUSH-HANDLE FOR GO-CARTS AND THE LIKE.

1,093,322. Specification of Letters Patent. Patented Apr. 14, 1914.

Application filed August 16, 1911. Serial No. 644,427.

To all whom it may concern:

Be it known that I, MELVIN J. FOYER, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Push-Handles for Go-Carts and the like; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

In the manufacture of perambulators, go-carts and the like, the upwardly and backwardly curved U-shaped push-handles are usually formed of metal tubing. Among the objections to this construction are the length of the piece of tubing required; the small diameter afforded for the grasp of the hands; the—at times—disagreeable temperature of the metal, and the rapid wear and disappearance of the plating or japanning of the tube where it is grasped by the hands. To overcome these objections, some manufacturers adopt an upper horizontal cross piece composed of wood and connected at its ends to the upwardly extending metal side-bars of the handle.

My invention relates to the latter kind of push-handle, and is designed to overcome the objections and difficulties above indicated, and, more particularly, to furnish a strong, graceful and convenient hand-piece for the push-handle and to provide a novel and effective means for securing the metal parts and the wood hand-piece together in operative relation. I attain these objects by means of the construction and devices hereinafter described, and shown and illustrated in the accompanying drawings, in which,—

Figure 1 is a central longitudinal vertical sectional elevation of the upper part of my handle, and Fig. 2, a perspective view of the same.

In both views like parts are represented by like numerals.

In the drawings, 1—1 are the tubular side-bars of a push-handle of the character described, each having at its upper end an inwardly turned horizontal portion 2.

3 is a horizontal hand-piece composed of wood, vulcanite or other suitable material and having through its longitudinal axis a bore 4 terminating at each end in an enlarged recess or socket 5. Extending through the central bore 4 is a rod 6 having threaded extremities which extend into the sockets 5. In the open ends of the tubular parts 2 are nuts 7. These nuts may be conveniently secured in place by crimping or upsetting the metal wall of the tube upon the edges of the nut, as indicated in Fig. 1.

The tubular parts 2 are entered in the sockets 5 with the nuts 7 in engagement with the threaded ends of the rod 6. The metal bars being revolved in opposite directions, the nuts are screwed onto the threaded ends of the bars and the tube-ends are drawn tightly into the sockets so that all the parts are now rigidly connected in operative relation. To furnish a suitable finish for the ends of the hand-piece, metal caps or ferrules 8 are fitted upon the tube-parts 2 so that they cover the ends of the hand-piece.

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

In a device of the character described, a pair of side-bars having inwardly turned opposed horizontal upper ends, a hand-piece having at each end a socket which receives respectively one of the said ends of the side-bars, a rod passing lengthwise through the hand-piece and having threaded extremities, and threaded members carried by said ends of said side-bars and concealed within said recesses and engaged with the ends of said rod.

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

MELVIN J. FOYER.

Witnesses:
HARRY WHITTAKER,
B. J. GREENOUGH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."