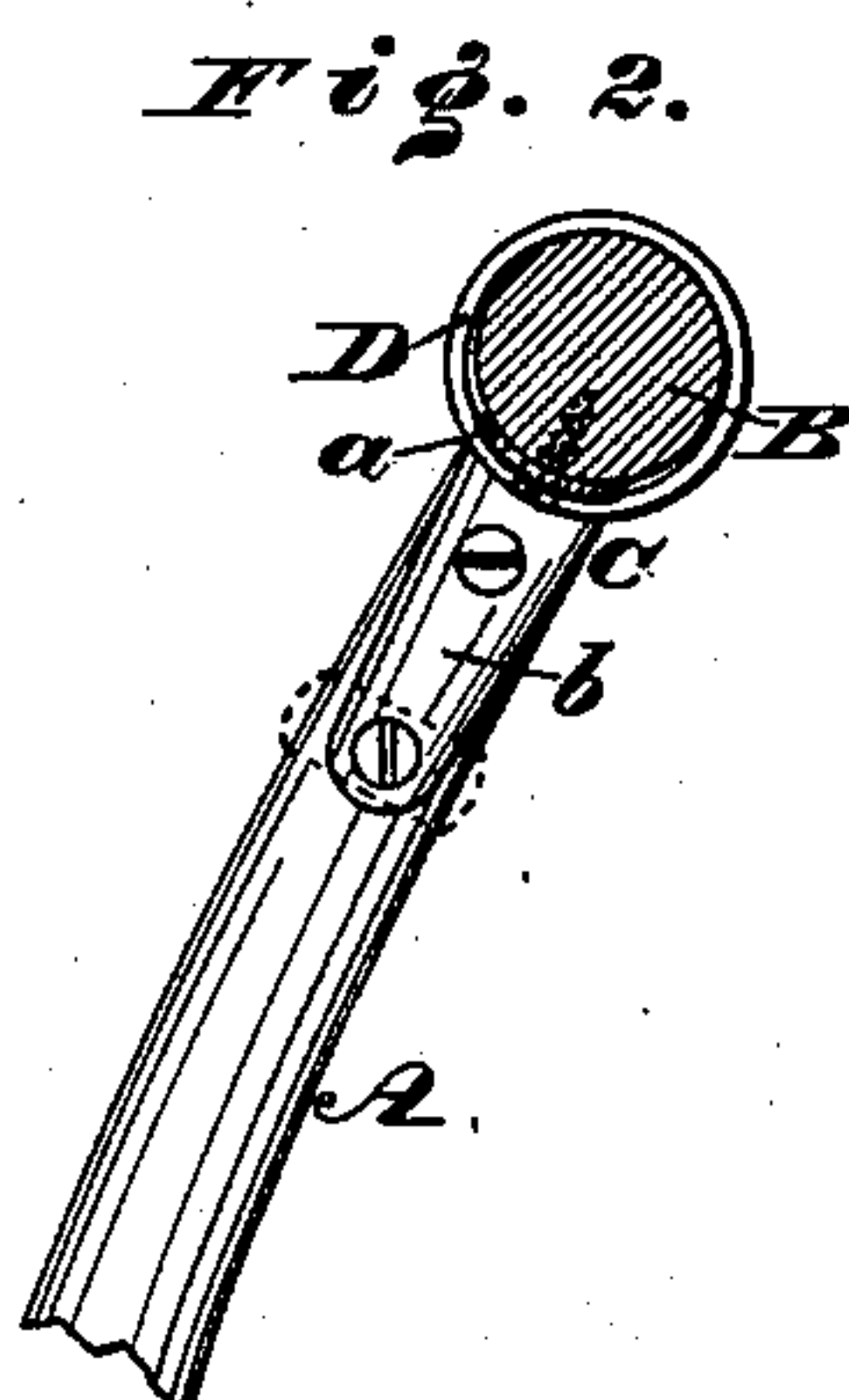
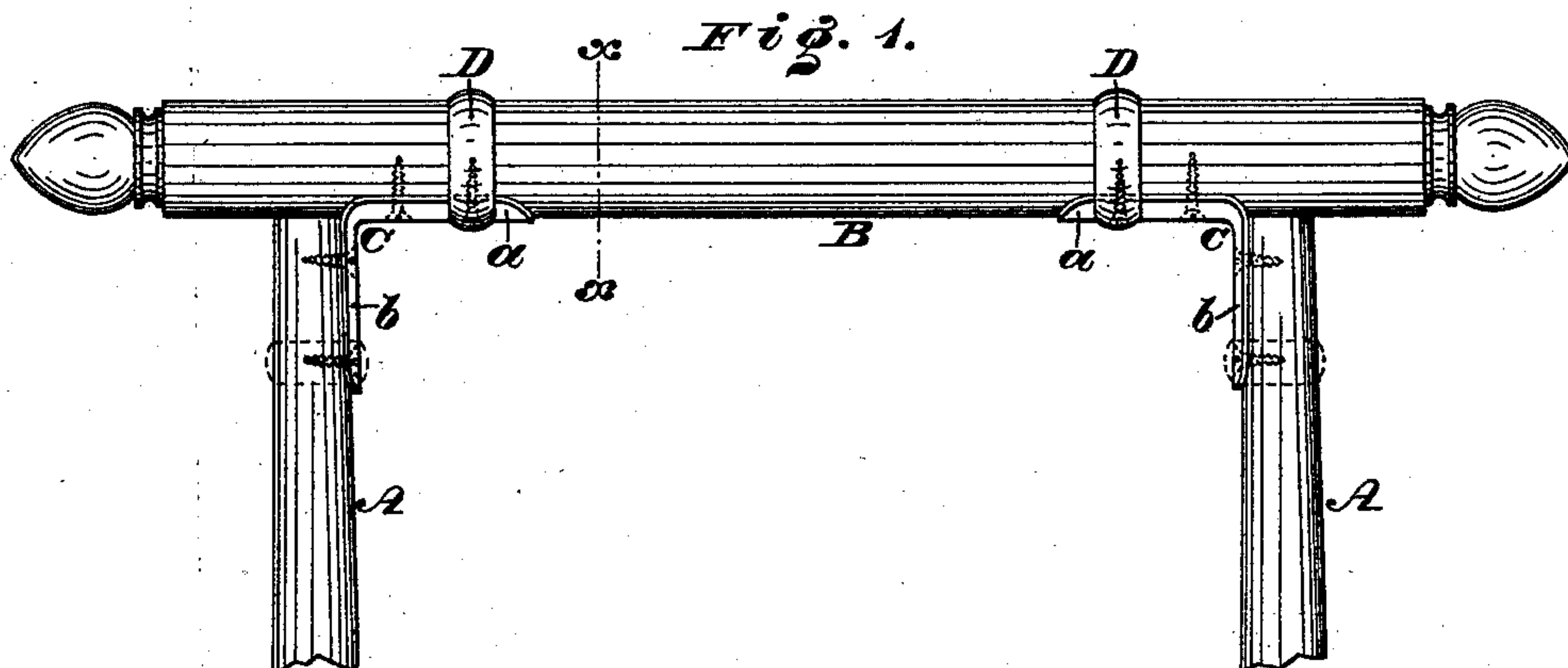


(No Model.)

W. S. GROVE.
HANDLE FOR CHILDREN'S CARRIAGES.

No. 358,392.

Patented Feb. 22, 1887.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WINFIELD S. GROVE, OF PHILADELPHIA, PENNSYLVANIA.

HANDLE FOR CHILDREN'S CARRIAGES.

SPECIFICATION forming part of Letters Patent No. 358,392, dated February 22, 1887.

Application filed May 11, 1885. Serial No. 165,122. (No model.)

To all whom it may concern:

Be it known that I, WINFIELD S. GROVE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Handles for Children's Carriages, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a view of a portion of the handles of a child's carriage embodying my invention. Fig. 2 represents a section thereof in line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the two figures.

My invention consists of means for bracing the connection of the side arms and cross-bar of the handle of a child's carriage, whereby they are firmly and reliably connected, as will be hereinafter fully set forth.

Referring to the drawings, A represents the side arms, and B the cross-piece or grasping portion, of the handle of a child's carriage.

C represents sheet-metal straps of angular form, one limb of each of which is connected with the cross-bar B, and the other limb with one of the side arms and cross-piece, it being noticed that the said straps occupy what may be called the "side corners," existing at the place of junction of said arms and cross-piece, and it being also noticed that the said limbs *a* and *b* are curved in cross section, so as to be more securely held in place on the said cross-piece and side arm.

D represents bands which embrace the cross-bar and the limbs *a* of the straps, and are screwed or otherwise fastened to said cross-bar and strap.

It will be seen that as the straps are connected with the cross-bar and side arms, and the bands D are independent of the straps and slipped over the same, so as to encircle and embrace the limbs of said straps, and are fixed in position, separation of the arms and cross-bar is prevented and a firm and reliable connection of said parts produced. Furthermore, the position of the straps at the side corners of the arms and bar is such that they are not perceptible to any material extent at the front of the carriage, it being noticed that only the narrow edges of the straps present themselves to the front, and the broad sides thereof face each other laterally.

The straps are preferably formed of sheet metal, whereby they are strong and light, and may be tightly screwed in position and embraced by the bands without liability of being fractured or split.

If desired, the lower arms, *b*, of the straps may be embraced by bands similar to the bands D, thus providing additional strength to the connection of the straps with the side arms, A.

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

In a child's carriage, the angular strap C, having limbs *a* and *b*, curved in cross-section, in combination with the side arm, A, cross-piece B, and independent bands D, substantially as and for the purpose set forth.

WINFIELD S. GROVE.

Witnesses:

JOHN A. WIEDERSHEIM,
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