

(No Model.)

G. S. CALDWELL.
HANDLE FOR VEHICLES.

No. 428,268.

Patented May 20, 1890.

Fig. 1.

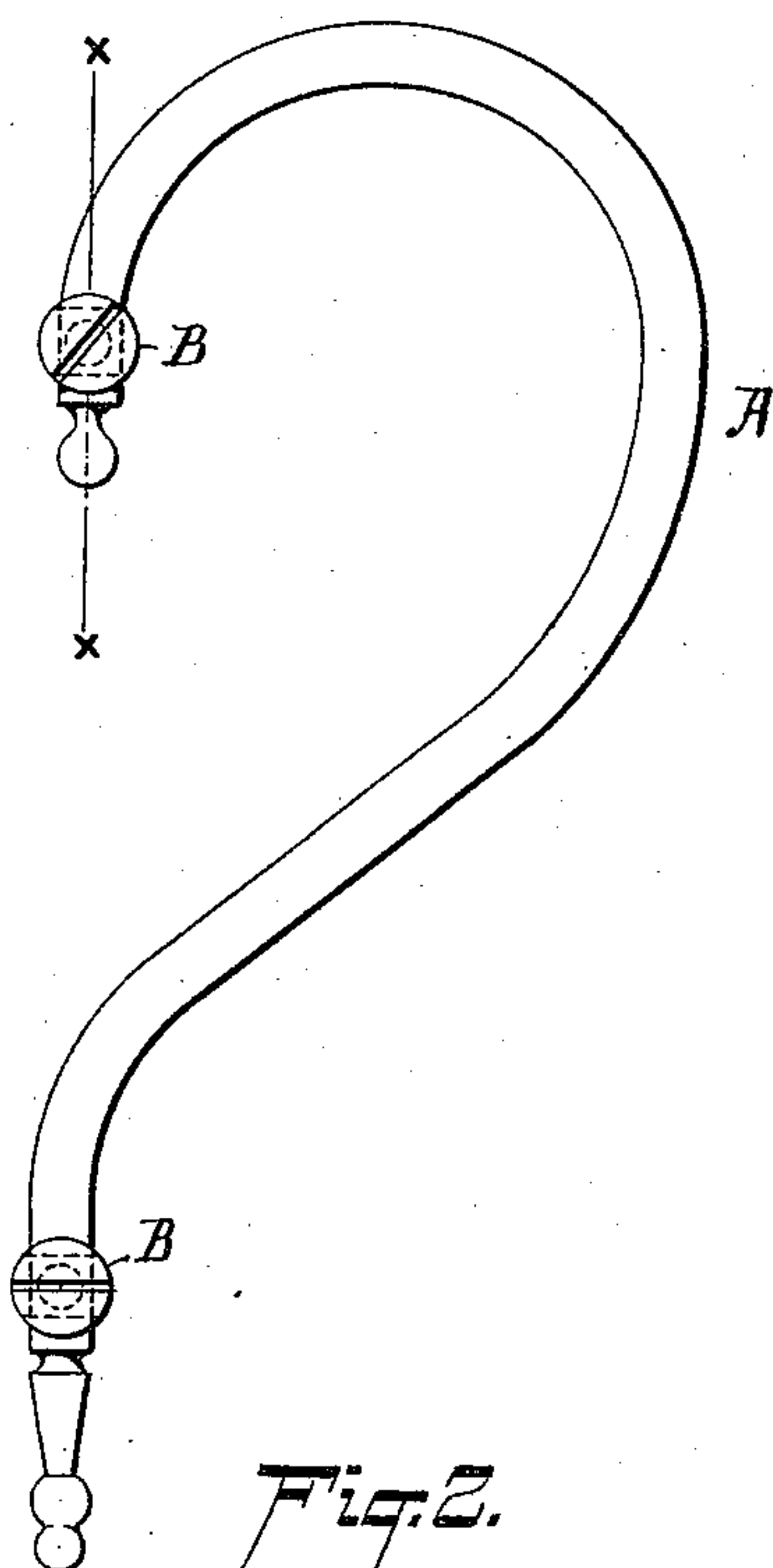
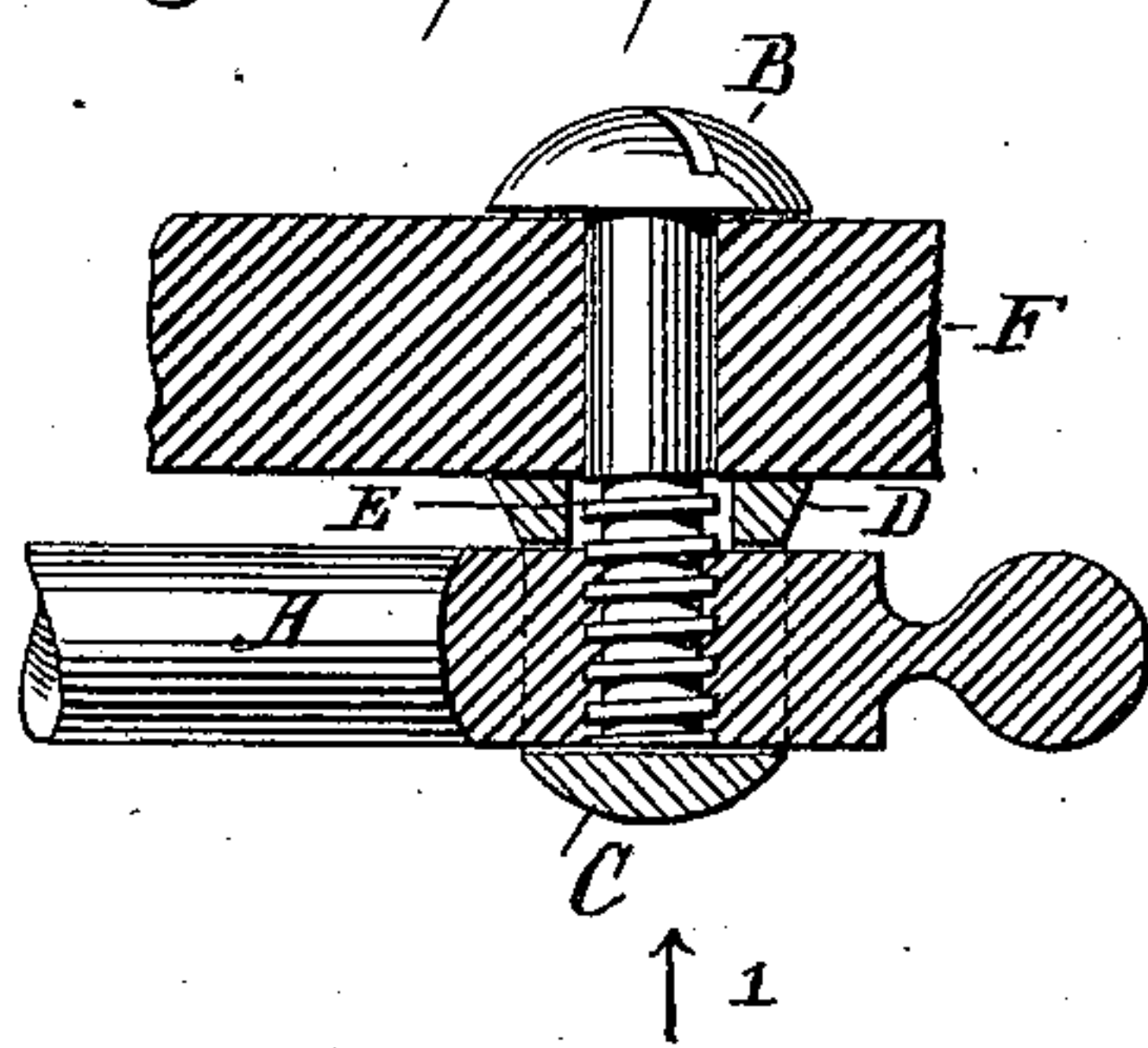


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE S. CALDWELL, OF AUBURN, NEW YORK.

HANDLE FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 428,268, dated May 20, 1890.

Application filed March 19, 1890. Serial No. 344,461. (No model.)

To all whom it may concern:

Be it known that I, GEORGE S. CALDWELL, of Auburn, Cayuga county, New York, have invented a new and useful Improvement in
5 Handles for Vehicles, &c., of which the following is a specification.

My invention relates to a handle such as is commonly used on the bodies and dashes of vehicles and made from a metal rod suitably
10 bent or curved; and my invention consists more particularly in the novel construction and arrangement of the fastening device whereby said handle is secured in place.

In the accompanying drawings, Figure 1 is
15 a side view of my handle, and Fig. 2 is an enlarged sectional view on the line X X of Fig. 1.

Similar letters of reference indicate like parts.

20 A represents a metal rod or bar suitably bent or curved to form the body of the handle. Near the ends of and extending through said bar A are openings, which are threaded to receive the headed fastening-screws B.
25 Sliding freely on the bar A are rings C. On each ring is a circular flat-faced projection D, through the center of which is made an aperture E, through which the screw B passes.

The parts are assembled as shown in Fig. 2
30 in order to secure the handle in place, F being the support to which the handle is attached. The ring C is brought over the threaded opening in the handle, so that its central aperture E coincides with said open-

ing. The screw-bolt B is then passed through 35 the support F from the rear side through the aperture E, and is set up in the threaded opening in the handle. The handle is thus secured to its support in a very firm and at the same time neat and simple manner. 40

It will be apparent when the fastening is regarded in the direction of the arrow *l*, or from the side of the support to which the handle is attached, that the means of attachment is concealed and that the end of the 45 screw-bolt is covered and protected.

I claim—

1. In combination with the rod A, having a transverse threaded aperture, the ring C, having the flat-faced projection D and aperture 50 E, and the screw-bolt B, constructed to pass through said aperture E and engage in the threaded opening in the rod A, substantially as described.

2. In combination with a support F, the 55 handle formed of the bent rod A, having near each extremity a transverse threaded aperture, rings C, having flat-faced projections D and apertures E, and headed screw-bolts B, constructed to pass through said support and 60 said apertures E and engage in the threaded openings in said handle A, substantially as described.

GEORGE S. CALDWELL.

Witnesses:

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