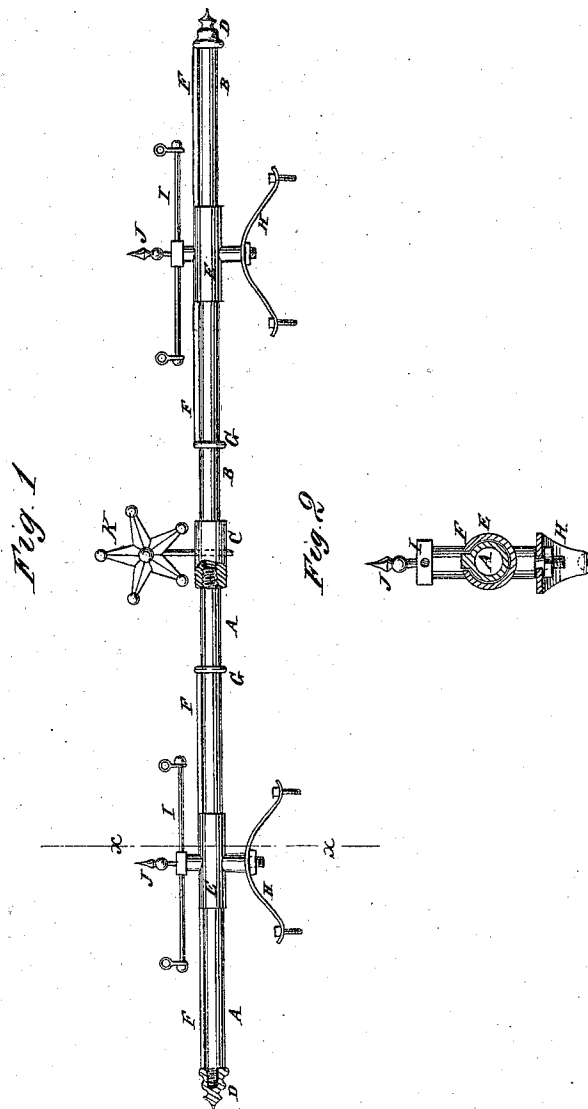


H. SCHMIDT.
Poles for Vehicles.

No. 141,957.

Patented August 19, 1873.



Witnesses.
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UNITED STATES PATENT OFFICE.

HENRY SCHMIDT, OF ALBANY, NEW YORK.

IMPROVEMENT IN POLES FOR VEHICLES.

Specification forming part of Letters Patent No. **141,957**, dated August 19, 1873; application filed June 14, 1873.

To all whom it may concern:

Be it known that I, HENRY SCHMIDT, of Albany, in the county of Albany and State of New York, have invented a new and useful Improvement in Trotting-Bar, of which the following is a specification:

Figure 1 is a front view of my improved trotting-bar, parts being broken away to show the construction. Fig. 2 is a cross-section of the same taken through the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish a bar, neat, simple, tasteful, and ornamental in appearance, for connecting the horses of a team, to keep them head and head with each other when traveling, and which, should one of the horses stumble, will assist him in recovering himself. The invention consists in a trotting-bar formed of the two main parts, the double connecting-nut, the end knobs, the slotted or grooved sleeves, the tongue, the collar, the swiveled bow, the rein-bars, and the ornaments, constructed and arranged in connection with each other as hereinafter fully described.

A B are the two parts of the bar, the inner ends of which are screwed into a short rod or double nut, C. Upon the outer ends of the parts A B are screwed ornamental knobs D. Upon each of the parts A B of the rod is placed a sleeve, E, upon the upper side of which is formed a slot or groove to receive a tongue, F, formed upon the upper side of the parts A B, so that the sleeves E may be free to slide longitudinally, but cannot turn. The outward movement of the sleeve E is stopped

by the knob D, and its inward movement is limited by a collar, G, formed upon the parts A B of the bar at a little distance from their inner ends. To the lower side of each of the sleeves E is swiveled a bow, H, the ends of which are secured to the harness-saddle by the screws that secure the saddle-tree and pad to each other. To the upper side of the sleeves E are attached short bars I, to the ends of which are attached rings to receive the reins. To the center of the bars I is attached an ornamental device, J, which may be so formed as to receive and hold the check-rein. To the center of the double nut C is attached an ornament, K, which may be the coat of arms of the owner, or any other ornamental device.

In winter the ornament K may be replaced with a set of Russian bells.

In case it is desired to use the bar with a single horse, the part to be used is unscrewed from the double nut C, and the knob from the outer end of the other part is screwed upon it, thus forming a neat single bar.

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

A trotting-bar formed of the two parts A B, the double connecting-nut C, the knobs D, the slotted or grooved sleeves E, the tongue F, the collar G, the swiveled bow H, the rein-bars I, and the ornaments J K, constructed and combined substantially as herein shown and described.

HENRY SCHMIDT.

Witnesses:

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