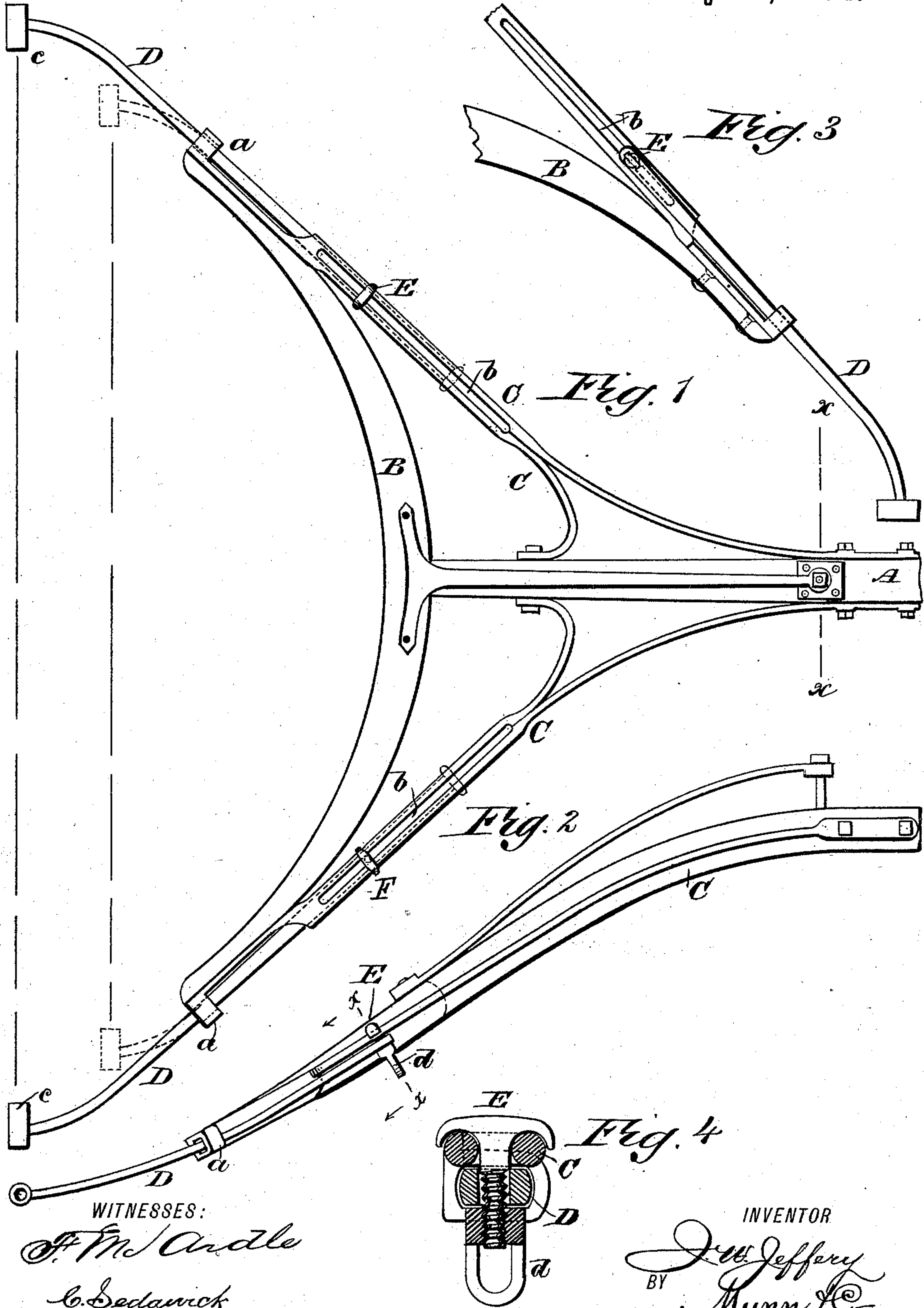


(No Model.)

J. W. JEFFERY.
VEHICLE POLE.

No. 474,743.

Patented May 10, 1892.



WITNESSES:

H. M. Andle
C. Sedgwick

INVENTOR

BY *J. W. Jeffery*
Munn & Co
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN W. JEFFERY, OF CANTON, NEW YORK, ASSIGNOR TO HIMSELF AND
FRANK C. GILBERT, OF SAME PLACE.

VEHICLE-POLE.

SPECIFICATION forming part of Letters Patent No. 474,743, dated May 10, 1892.

Application filed May 9, 1891. Serial No. 392,203. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. JEFFERY, of Canton, in the county of St. Lawrence and State of New York, have invented a new and Improved Adjustable Vehicle-Pole, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a plan view of my improved vehicle-pole. Fig. 2 is a side elevation. Fig. 3 is an inverted plan view of one arm of the pole, and Fig. 4 is an enlarged transverse section taken on line *xx* in Fig. 1.

Similar letters of reference indicate corresponding parts in all the views.

The object of my invention is to provide an adjustable vehicle-pole, which may be adapted to vehicles of different widths.

The invention consists in the construction and arrangement of parts hereinafter described and claimed.

The pole A is provided with the cross-piece B at its rear end, which is secured to the pole in the usual way. The braces C, which are attached to the ends of the cross-piece B, are secured to the pole A by transverse bolts. The rear ends of the braces C are provided with eyes *a*, and between the said eyes and the pole A, in each brace C, is formed a longitudinal slot *b*. The pole-iron D, which is furnished with the eye *c* at its rear end, passes through the eye *a* on the brace C and extends forward underneath the brace, as shown in Fig. 2. The forward end of the pole-iron D is perforated to receive the T-headed bolt E, which extends, also, through the slot *b* of the brace and is provided with a nut *d*, by means of which the pole-iron D may be securely clamped to the brace C in any desired position along

the slotted portion of the brace. By means of this construction the width between the eye *c* of the pole-irons at opposite sides of the pole may be varied by moving the pole-irons in or out and clamping them in any desired position.

In carrying out my invention I do not limit or confine myself to any special connection between the pole-iron D and the braces C, as this may be varied without departing from my invention.

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

1. As a new article of manufacture, a brace C for connecting a pole and cross-bar formed on its outer face at its rear end with a longitudinally-extending eye *a*, and having a slot *b* between its ends, substantially as set forth.

2. A pole attachment comprising the brace C, having the longitudinally-extending slot *b* and eye *a*, and the pole-iron D, extending through the eye *a* along the brace-slot, and the bolt extending through the slot and the iron D, and provided with a nut for clamping the parts, substantially as set forth.

3. The combination, with the pole and its cross-piece B, of the longitudinally-slotted braces C C, secured in the angles at the juncture of the pole and piece B, and each having an eye *a* at its rear end, the pole-irons D, extending through said eyes and provided with apertures, and the bolts extending through the slots and said apertures and provided with nuts, substantially as set forth.

JOHN W. JEFFERY.

Witnesses:

JOHN N. BASSETT, Jr.,
FRANK C. CROUL.