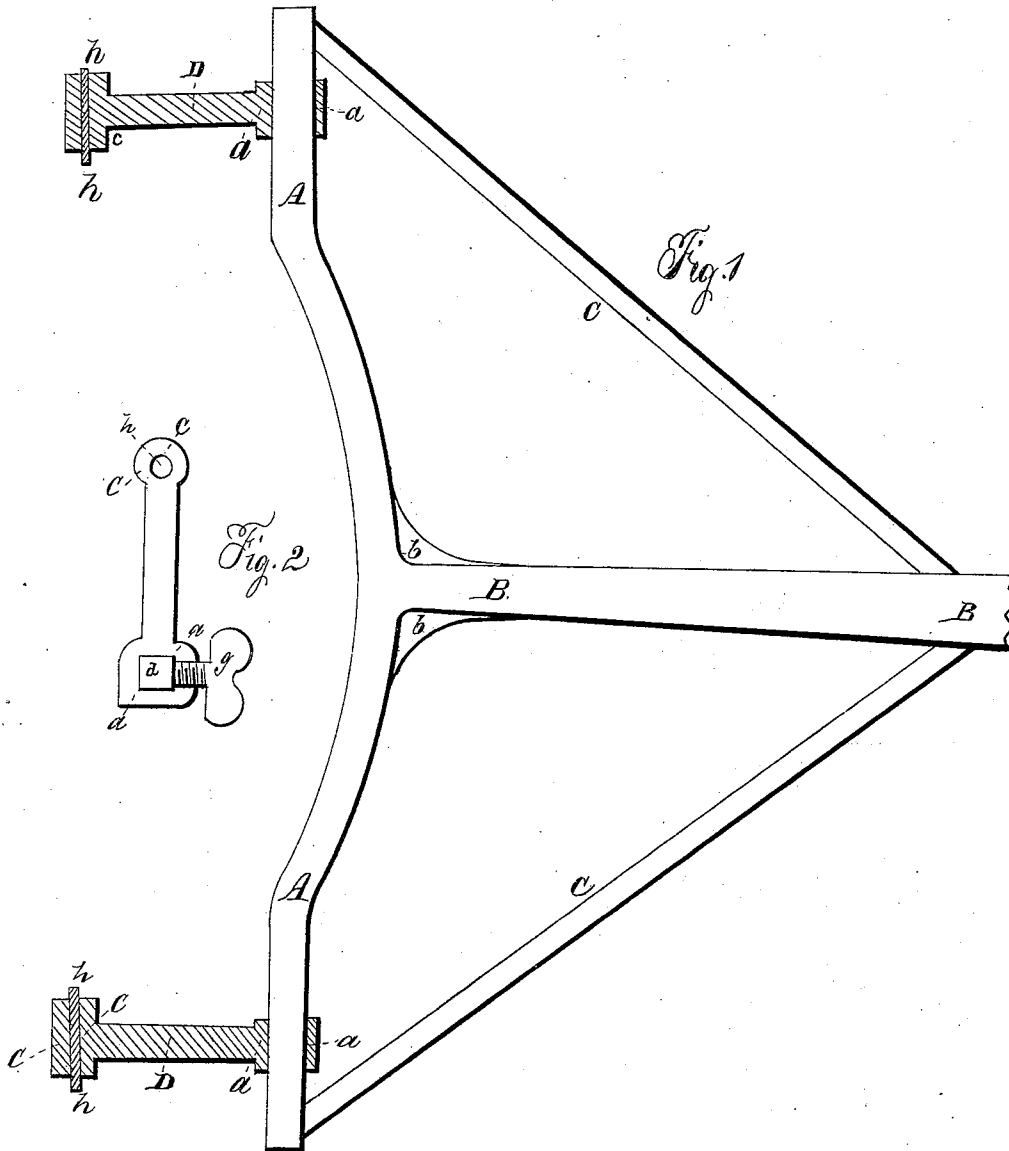


F. FOWLER.
Carriage Pole.

No 76,906.

Patented April 21, 1868.



Witnesses.
James Horney
Daniel Doyle

Inventor
F. Fowler

United States Patent Office.

FRANCIS FOWLER, OF WEST HAVEN, CONNECTICUT.

Letters Patent No. 76,906, dated April 21, 1868.

IMPROVEMENT IN CONVERTIBLE CARRIAGE-POLES.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, FRANCIS FOWLER, of West Haven, in the county of New Haven, and State of Connecticut, have invented a new and improved Mode for Convertible Carriage-Poles, for adapting poles made for any carriage to any other carriage of different construction; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plain view of the pole and shifting-gear, and

Figure 2 is a side view of the shifting or converting-rods.

A A, fig. 1, is the cross-bar of the pole, made of iron or other metal, to which the pole B B is attached by a metallic clasp or socket, *b b*, which is a part of the cross-bar. C C are braces, attached by bolts to the ends of the cross-bar and to the pole B B. D D are the shifting-rods, having a square opening or eye through the head *a a*, through which the cross-bar A A passes, and an eye through the base *c c*, through which the shackle-bolt *h h* of the axle-tree passes, and attaches the pole to the axle-tree of the carriage, both of which holes are shown at *d* and *h* in fig. 2, which figure gives a side view of the shifting-rods. *g* is a thumb-screw, for fastening the rod when in place. The metallic cross-bar is made square, or other shape, adapted to the eye-holes in the head of the shifting-rods, for such length as is necessary, for extending or contracting the distance between the shifting-rods, so as to make the distance between the shifting-rods conform to the distance between the shackles on any carriage axle-tree, the shifting-rods sliding along easily on the cross-bar, through a space of as many inches as is desired, thus converting the pole made for any one carriage into one equally adapted to any other carriage.

The manufacturer of the pole puts the shifting-rods D D in place on the cross-bar A A, which passes through the eyes *a a*, where they are made fast, or loosened, by means of the thumb-screws *g*. When the thumb-screws are loosened, the shifting-rods are easily slid along the cross-bars, either way, until they are at the same distance apart as the shackles on the axle-tree of the carriage are, and then the shackle-bolts *h h* are readily passed through the eyes *h h* and made fast, and the attachment is completed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The attachment of removable poles by means of the shifting-rods D D, which slide either way along the metallic cross-bar A A.

FRANCIS FOWLER.

Witnesses:

LUCIUS G. PECK, .

JAMES NOONEY.