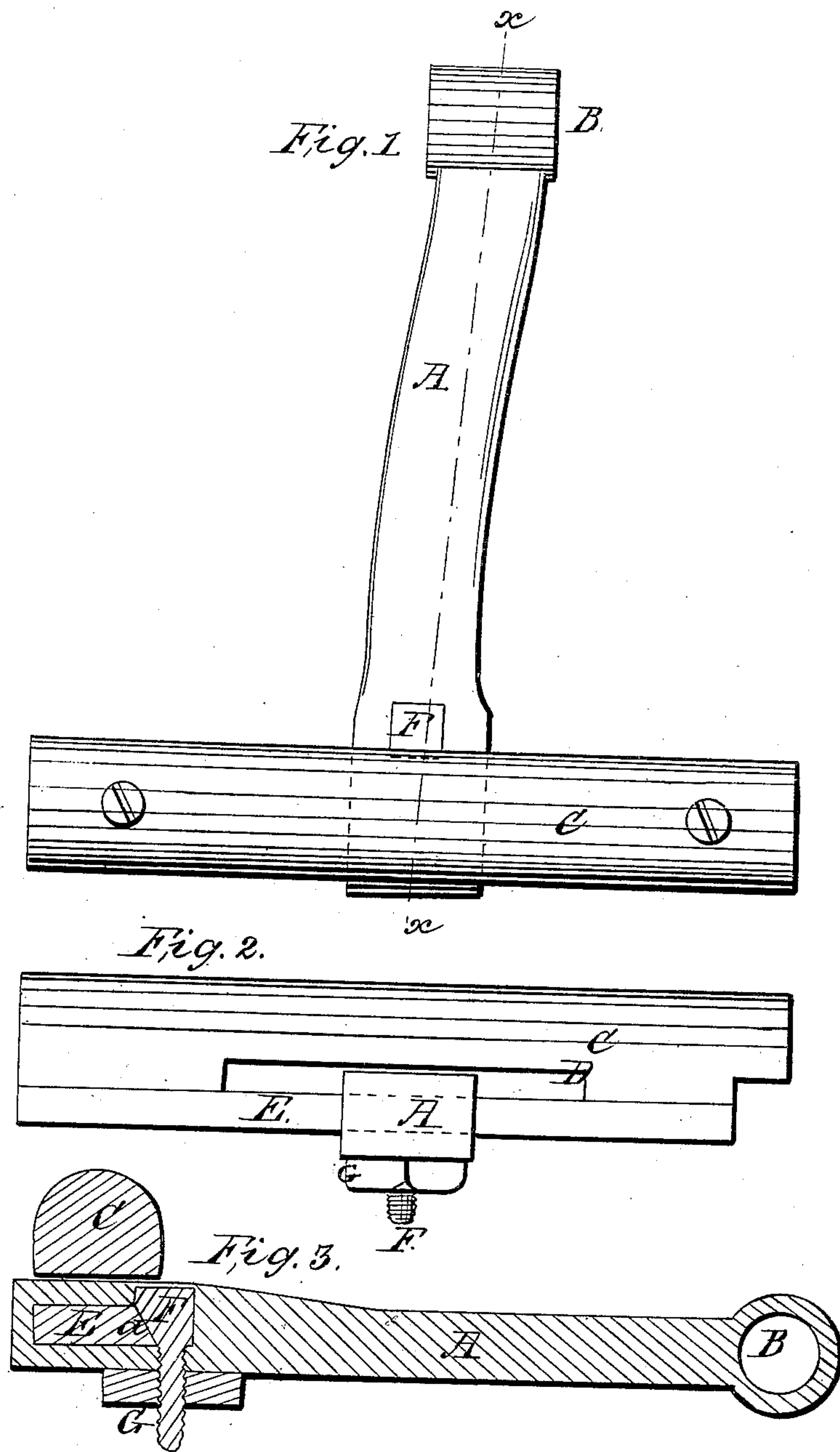


J. E. PRUDDEN.

Carriage Pole.

No. 63,423.

Patented Apr. 2, 1867.



Witnesses:
John H. Hamway
A. J. Tibbitts

Inventor:
J. E. PRUDDEN
By his Attorney
John E. Carl

United States Patent Office.

J. E. PRUDDEN, OF BIRMINGHAM, CONNECTICUT.

Letters Patent No. 63,423, dated April 2, 1867.

IMPROVEMENT IN ADJUSTABLE POLE FOR CARRIAGES.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, J. E. PRUDDEN, of Birmingham, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Adjustable Pole for Carriages; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a top view.

Figure 2, a front view; and in

Figure 3, a section on line *x x*.

This invention is designed to make a carriage pole adjustable, so that it may be attached to different carriages, the couplings in which are at different distances; and consists in the peculiar manner of attaching the shackle to the cross-bar of the pole so that the shackles may be set at different distances from each other, as occasion may require.

To enable others to construct and use my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

A is the shackle, formed with a socket, B, to fit the coupling on the axle, C the cross-bar of the pole, upon the under side of which is formed a recess, D, and below the said recess a plate, E, is attached to the cross-bar, and the shackle A formed so as to be placed on over the plate E, as seen in fig. 3. One edge of the plate E is inclined as at *a*, and through the shackle A a key-bolt, F, is placed, having its head inclined to correspond to the incline on the plate E, so that by turning the nut G on to the bolt F, the inclined part of the bolt F draws down firmly against and upon the incline upon the plate E, and secures the shackle in that position.

When it is desired to adjust the pole, loose the nut G and move the shackle on the plate E along the recess D, and, when in the required position, turn the nut G hard down, and secure the shackle in that position.

I do not broadly claim an adjustable carriage pole, but, having thus fully described my invention, what I do claim as new and useful, and desire to secure by Letters Patent, is—

The combination of the key-bolt F, the inclined plate E, and the shackle A, when constructed and arranged so as to be adjustable, substantially in the manner specified.

J. E. PRUDDEN.

Witnesses:

JOHN E. EARLE,

JOHN H. SHUMWAY.