(Model.)

O. VANORMAN.

VEHICLE POLE IRON.

No. 266,560. Patented Oct. 24, 1882.

Fig. 1.

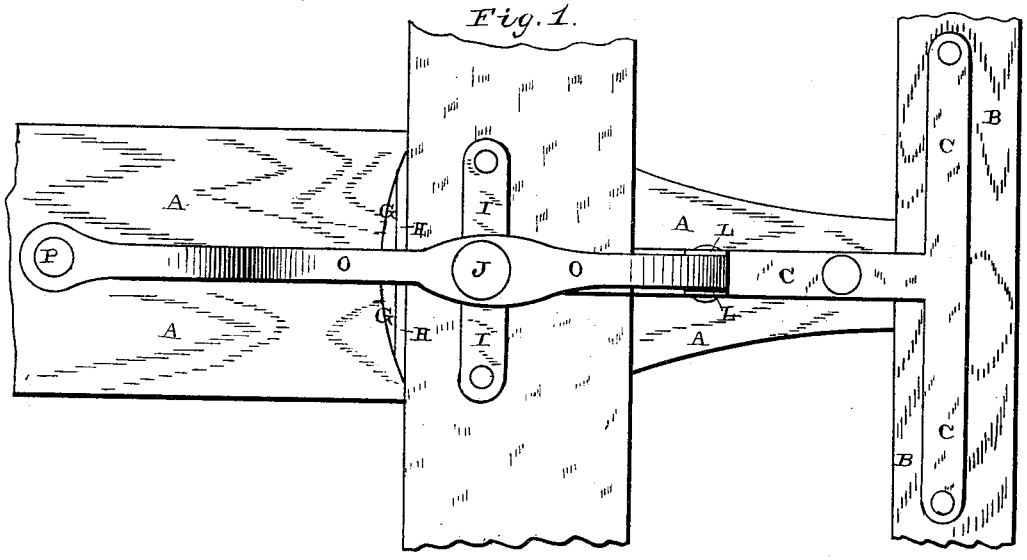


Fig. 2.

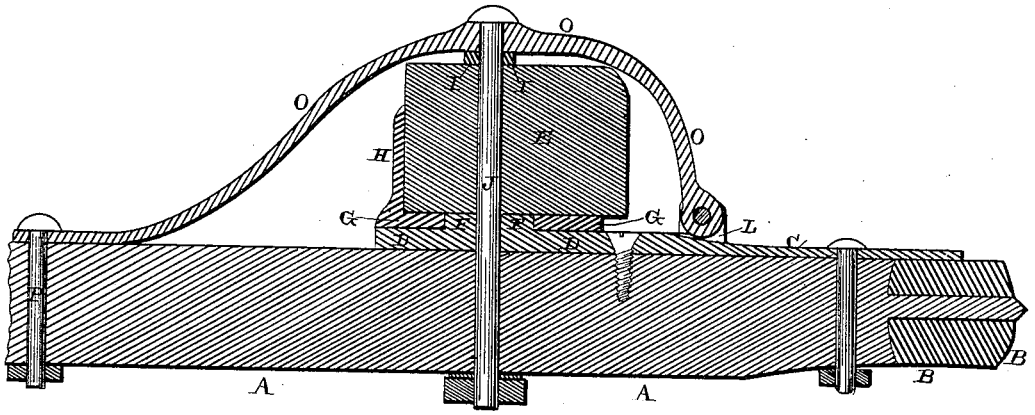
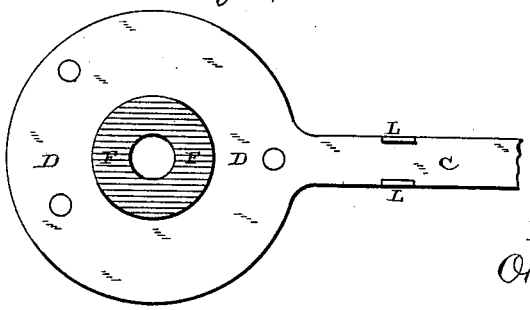


Fig. 3.



Witnesses.
Robt. Johnson
W. H. Dern

Inventor.
Oliver Vanorman
per
F. A. Lehmann,
Atty.

UNITED STATES PATENT OFFICE.

OLIVER VANORMAN, OF RACINE, WISCONSIN.

VEHICLE-POLE IRON.

SPECIFICATION forming part of Letters Patent No. 266,560, dated October 24, 1882.

Application filed August 14, 1882. (Model.)

To all whom it may concern:

Be it known that I, OLIVER VANORMAN, of Racine, in the county of Racine and State of Wisconsin, have invented certain new and useful Improvements in Pole and Evener Irons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in pole and evener irons; and it consists in the combination of a T-shaped iron plate or casting, which is secured to the top of the pole and the cross-bar, with a metallic strap which is hinged to this casting, and which passes up over the top of the evener, which is provided with a casting on its under side extending up over its front edge, as will be more fully described hereinafter.

The object of my invention is to make the evener readily detachable from the pole; and for this purpose the strap which binds it in place is hinged to the pole-iron, so that it can be readily removed at any time.

Figure 1 is a plan view of my invention. Fig. 2 is a longitudinal vertical section of the same. Fig. 3 is a detail view.

A represents the pole, and B the cross-bar, which is secured to its rear end in the usual manner. Upon the top of this pole and cross-bar is secured the T-shaped casting or plate C, which is secured both upon the top of the pole and the cross-bar by clamping-bolts and screws, as shown. The front end of this plate or casting is widened out so as to form a circle, D, and this circle forms the bearing upon which the evener E turns. Upon the center of this plate is formed the circular flange F, which catches in a corresponding recess in the metallic plate G, which is secured to the under side of the evener. This plate C is also made circular and of the same size as the plate D, and upon the front edge is formed the flange H, which extends up over the front edge of the evener, so as to brace and strengthen it at this point. Upon the top of the evener is secured a metallic plate or washer, I, and through the plates C D and the pole is made a hole, down through which the pivotal bolt J for the evener passes.

To the rear of the evener, at a suitable distance, are formed the ears L upon the T-shaped plate or casting, and in between these ears is pivoted the curved strap O, which extends up over the top of the evener and has its front end bent downward, so as to rest upon the top of the pole. The same pivotal bolt, J, passes down through this strap and helps to hold it rigidly in place. Through the front end of the strap and the pole is passed the bolt P, and both of the bolts P and J have nuts and washers applied to their lower ends.

Whenever it is desired to remove the evener it is only necessary to remove the two bolts J P, when the strap can be raised upward and the evener lifted off. This easy method of making the evener removable is a great convenience.

Having thus described my invention, I claim—

The combination of the pole and the cross-bar with the plate C, having the circular flange made upon its front end, the hinged strap which passes over the top of the evener, the metallic plate which is secured to the under side of the evener, and the two bolts P J, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

OLIVER VANORMAN.

Witnesses:

A. FILER,

PETER DUFOUR.