

E. A. PERRY, Jr. & G. M. DWIGHT.

Head-Blocks.

No. 161,897.

Patented April 13, 1875.

Fig. 1.

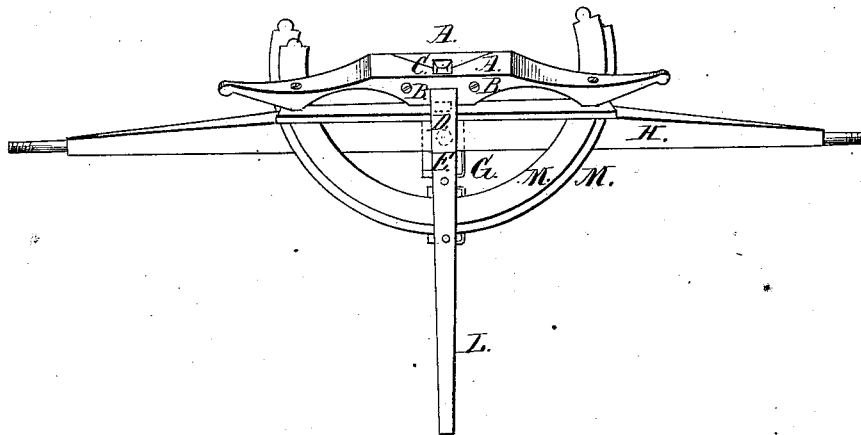


Fig. 3.

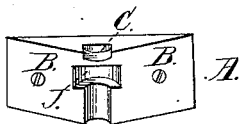
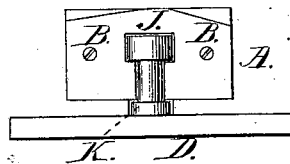


Fig. 2.



Witnesses

*W. R. Cowell
Alonzo Hughes*

Inventors.

*Ezra A. Perry Jr.
George M. Dwight Jr.
By their Atty. J. H. Reigart*

UNITED STATES PATENT OFFICE.

EZRA A. PERRY, JR., AND GEORGE M. DWIGHT, OF OREGON, ILLINOIS.

IMPROVEMENT IN HEAD-BLOCKS.

Specification forming part of Letters Patent No. **161,897**, dated April 13, 1875; application filed September 26, 1874.

To all whom it may concern:

Be it known that we, EZRA A. PERRY, Jr., and GEORGE M. DWIGHT, of Oregon, Ogle county, State of Illinois, have invented new and useful Improvements in Buggies or Carriages; and we do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents the axle, tongue, fifth-wheel, or circular bearings of the metallic head-block, the brace and the metallic head-block in two pieces, divided angularly at the center. Fig. 2 represents the center part of the head-block, with its center groove half surrounding the standard. Fig. 3 represents the angular movable part of the head-block, showing the other half of the groove, in which the standard fits and works. Fig. 4 represents the brace that secures the tongue with the lower part of the axle, where it is fastened by a set-screw.

The nature of my invention consists in the metallic head-block in two pieces, with a groove in the center to fit closely around the standard.

A A represent the metallic head-block at the top of the front axle H of a carriage or buggy, having an angular piece, A, at the center, fitting against the rear side or back of the head-block, thus forming two pieces, A A, connected by screw-bolts B B, and having a

T-shaped groove, J, in the center, corresponding with the form of the T-shaped standard D, in which the standard D works closely, yet easily and regularly, with the direction of the axle H. The T-shaped standard D is permanently fastened into the axle H, and has a collar, K, at its center, for the head-block A to rest and turn upon, the standard being in lieu of a coupling bolt or pin, for greater security, as the ordinary loose coupling-pins frequently wear and drop out—the cause of numerous accidents. The brace G connects the lower part of the tongue L with the lower part of the axle H. It is fastened to tongue L by two screws, and supports the fifth-wheel or bearings M, and is attached to the lower part of the axle by a set-screw, E, to hold the brace.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The metallic head-block made in two pieces, A A, held together by screws B B, having a recess, C, for the spring-bolt to rest in, and having in the center a groove, J, in combination with the standard D, as and for the purposes set forth.

2. The T-shaped standard D, fitted to and working in the corresponding groove J in the head-block A, and in combination therewith, as set forth.

EZRA A. PERRY, JR.
Witnesses: GEORGE M. DWIGHT.
JAMES H. CARTWRIGHT,
W. H. GUILFORD.