

Z. FISCHESSER.
VEHICLE HEAD-BLOCK.

No. 181,257.

Patented Aug. 22, 1876.

Fig. 1.

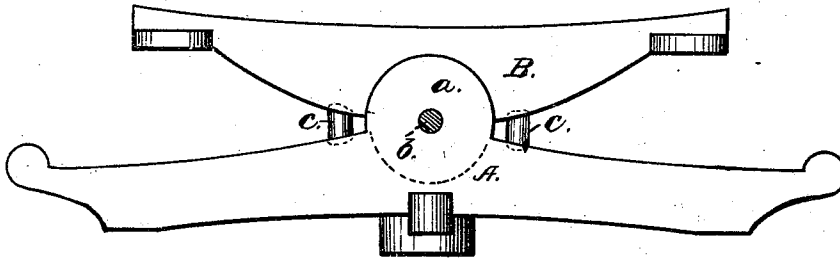
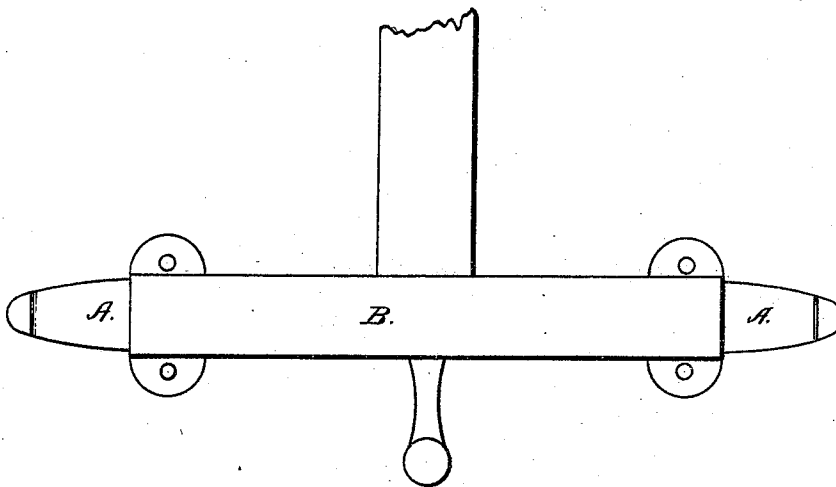


Fig. 2.



Witnesses;
Chas. M. Peck
Wm. Ritchie

Inventor;
Zeno Fischesser
by his attys
Peck & Co

UNITED STATES PATENT OFFICE.

ZENO FISCHESSE, OF WEST SONORA, OHIO.

IMPROVEMENT IN VEHICLE HEAD-BLOCKS.

Specification forming part of Letters Patent No. **181,257**, dated August 22, 1876; application filed May 6, 1876.

To all whom it may concern:

Be it known that I, ZENO FISCHESSE, of West Sonora, in the county of Preble and State of Ohio, have invented certain new and useful Improvements in Head-Blocks for Vehicles; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention relates to that class of vehicles in which a head-block resting upon the fifth-wheel, and supporting the axle-spring, is employed; and my improvement consists in making the head-block in two pieces, which are pivoted together, and held in their relative positions by rubber springs, my object being to reduce the strain thrown upon the perch when either side of the wagon-bed is depressed, on account of the inequalities of the road, or the saltatory motion of the wagon.

To enable others skilled in the art to which my invention appertains to make and use the same, I would thus proceed to describe it, referring throughout to the accompanying drawings, in which—

Figure 1 is a front elevation of my improved head-block. Fig. 2 is a plan view of the same, showing a portion of the perch.

Corresponding letters of reference indicate like parts in all the figures.

My head-block is made in two pieces, the lower one, A, being of the ordinary shape, which rests upon and is secured to the fifth-wheel, and the upper one, B, of the shape rep-

resented, conforming upon its upper surface to the elliptical or semi-elliptical spring that supports the wagon-bed. Semicircular ears *a* are formed upon the top of the piece A at its center, between which fits a central circular web, formed by cutting away each side of the piece B. This makes a knuckle-joint, which is united and pivoted by a pin or bolt, *b*. On each side of the joint recesses are made opposite each other in the pieces A and B, into which are fitted solid rubber springs *c*.

These springs may, however, be spiral metal ones, or of any shape or form. The supporting-spring upon which the wagon-bed rests is secured upon the top of the piece B.

By this arrangement the head-block is rendered elastic, and a great deal of strain is taken off the perch or coupling-pole.

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

The herein-described head-block, composed of the pieces A and B, pivoted together as described, and provided with the interjacent springs *c*, substantially as and for the purpose specified.

Witness my hand this 14th day of April, A. D. 1876.

ZENO FISCHESSE.

Witnesses:

WM. RITCHIE,
CHAS. M. PECK.