

G. F. PUTMAN.
Fifth-Wheel for Vehicles.

No. 159,117.

Patented Jan. 26, 1875.

Fig: 1.

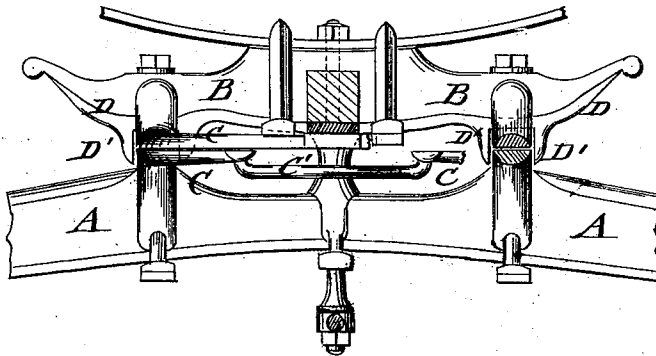
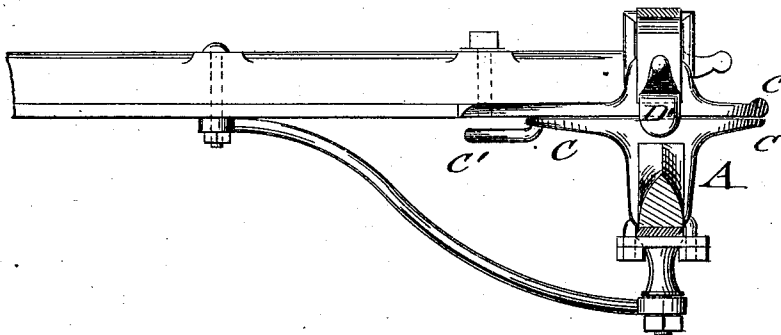


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE

GEORGE F. PUTMAN, OF FONDA, NEW YORK.

IMPROVEMENT IN FIFTH-WHEELS FOR VEHICLES.

Specification forming part of Letters Patent No. **159,117**, dated January 26, 1875; application filed November 7, 1874.

To all whom it may concern:

Be it known that I, GEORGE F. PUTMAN, of Fonda, in the county of Montgomery and State of New York, have invented a new and Improved Fifth-Wheel, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a sectional front view of my improved fifth-wheel, and Fig. 2 a side view of the same.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described, and then pointed out in the claim.

In the drawing, A represents the axle, and B the head-block or bolster, to which, respectively, the lower and upper sections C of the fifth-wheel are secured in the customary approved manner. The under side of the head-block B is provided with a strengthening bottom plate, D, which has downward-extending guard-plates D', arranged symmetrically near both ends of the head-block, in such a manner that the fifth-wheel slides between two guards at opposite points thereof.

The guards swing with the head-block along the lower fifth-wheel section, and take

up, in connection with the same and the strengthening-plate, the strain hitherto transmitted by the action of the wheels on the body directly to the king-bolt, so as to cause the bending or breaking of the same, and also the bending of the lower section of the fifth-wheel, which forms a fruitful source of injury at present.

By the guard-plates, the king-bolt and fifth-wheel are effectively protected, and thereby the frequent repairing of the same dispensed with to a considerable degree.

The guard-plates may also be applied to the axle, acting with equal efficacy as when attached to the bolster.

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

In fifth-wheels, the head-block or axle, provided with guard-plates D' at both sides and opposite points of the fifth-wheel, for protecting king-bolt and wheel, substantially in the manner and for the purpose set forth.

GEORGE F. PUTMAN.

Witnesses:

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