

JOHN DU BOIS.

Improvement in Fifth-Wheels for Vehicles.

No. 126,790.

Patented May 14, 1872.

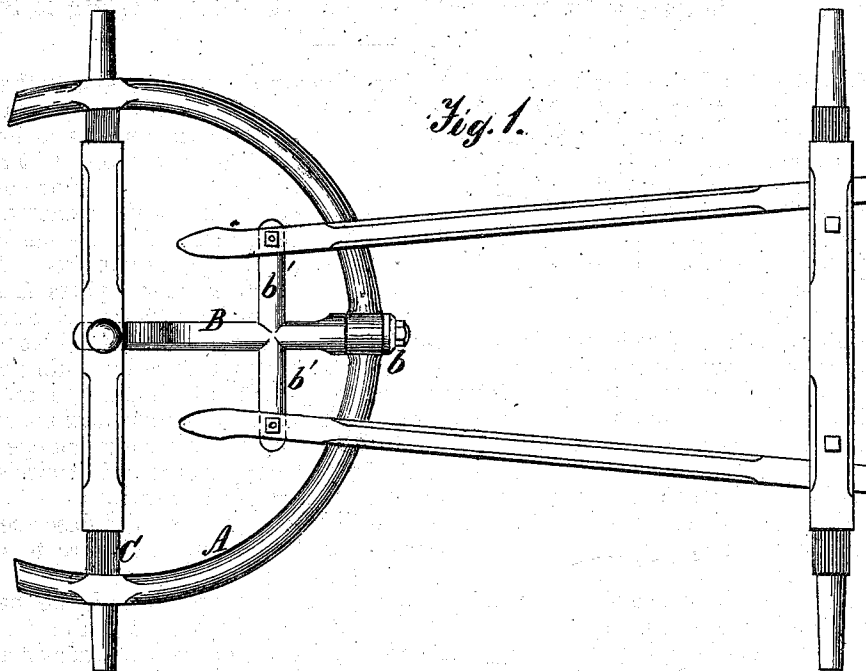
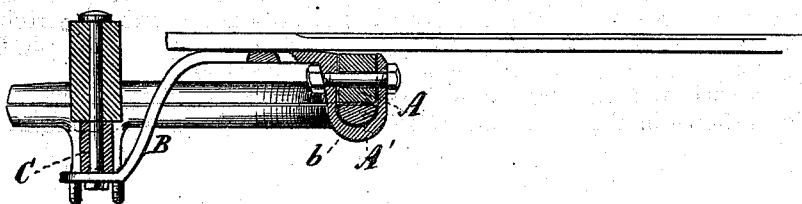


Fig. 2.



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JOHN DU BOIS, OF KINGSTON, NEW YORK.

IMPROVEMENT IN FIFTH-WHEELS FOR VEHICLES.

Specification forming part of Letters Patent No. 126,790, dated May 14, 1872.

Specification describing a certain Improvement in Fifth-Wheels or Wagon-Circles, invented by JOHN DU BOIS, of Kingston, county of Ulster and State of New York.

Figure 1 is a plan view of my invention exhibiting it as being applied to the "running-gear" of a vehicle; and Fig. 2 is a vertical central section of the same and the front axle, and a side view of one of the reaches of said "running-gear."

Similar letters of reference in the two figures refer to corresponding parts.

This invention refers to an improvement in fifth-wheels, otherwise termed wagon-circles; and it consists of the combination, with the parts of the "circle-iron" of a fifth-wheel, of a clip or loop attached to a bar, through the front end of which passes the king-bolt, substantially as hereinafter more fully described and pointed out by the claim.

To enable others to make and use my invention, I will proceed to describe it.

In the accompanying drawing, A A' refer to the two parts of which the "circle-iron" is composed, the lower one of which is fastened to the axle C in the ordinary manner, which is plainly shown in Fig. 2, the upper one thereof being held upon the said lower part in the manner to be hereinafter explained. B designates a bar, the lower or front end of which is perforated and receives the king-bolt passing through the front bolster and axle of the "running-gear," and is supplied with a bar, b' b', formed with and running across it substantially as shown in Fig. 1. This bar, it will

be seen, is so arranged with the longitudinal bar B as to furnish an arm upon each side of the latter, to which the reaches of the "running-gear" may be suitably fastened. b refers to a loop or clip. The upper end of one of its vertical portions is formed with or otherwise fastened to the outer or rear end of the bar B, while its opposite extremity is left free. This clip is made to embrace the two parts A A' of the "circle-iron" of the fifth-wheel and to retain them therein by means of a bolt which can be removed therefrom by taking off its nut in case it is desired to displace them. This bolt passes through the upper portions of the said clip or loop, and also through an opening or eye made in the upper part of the "circle-iron," as plainly illustrated in Fig. 2.

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

1. In a fifth-wheel, the bar B, having its front end fastened to the front axle and supplied with a loop embracing and bolted to the circle-iron A A', substantially as shown and for the purpose described.

2. A fifth-wheel, consisting of the bar B, b, and b', the circle-iron A A', and a screw-bolt, substantially as and for the purpose specified.

In testimony whereof I have hereunto signed my name this 26th day of February, A. D. 1872, in presence of two subscribing witnesses.

JOHN DU BOIS.

Witnesses:

E. W. BUDINGTON,
HENRY A. WALKER.

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