

No. 884,173.

PATENTED APR. 7, 1908.

J. W. LILES.
ATTACHMENT FOR WAGONS.
APPLICATION FILED JUNE 21, 1907.

Fig. 1.

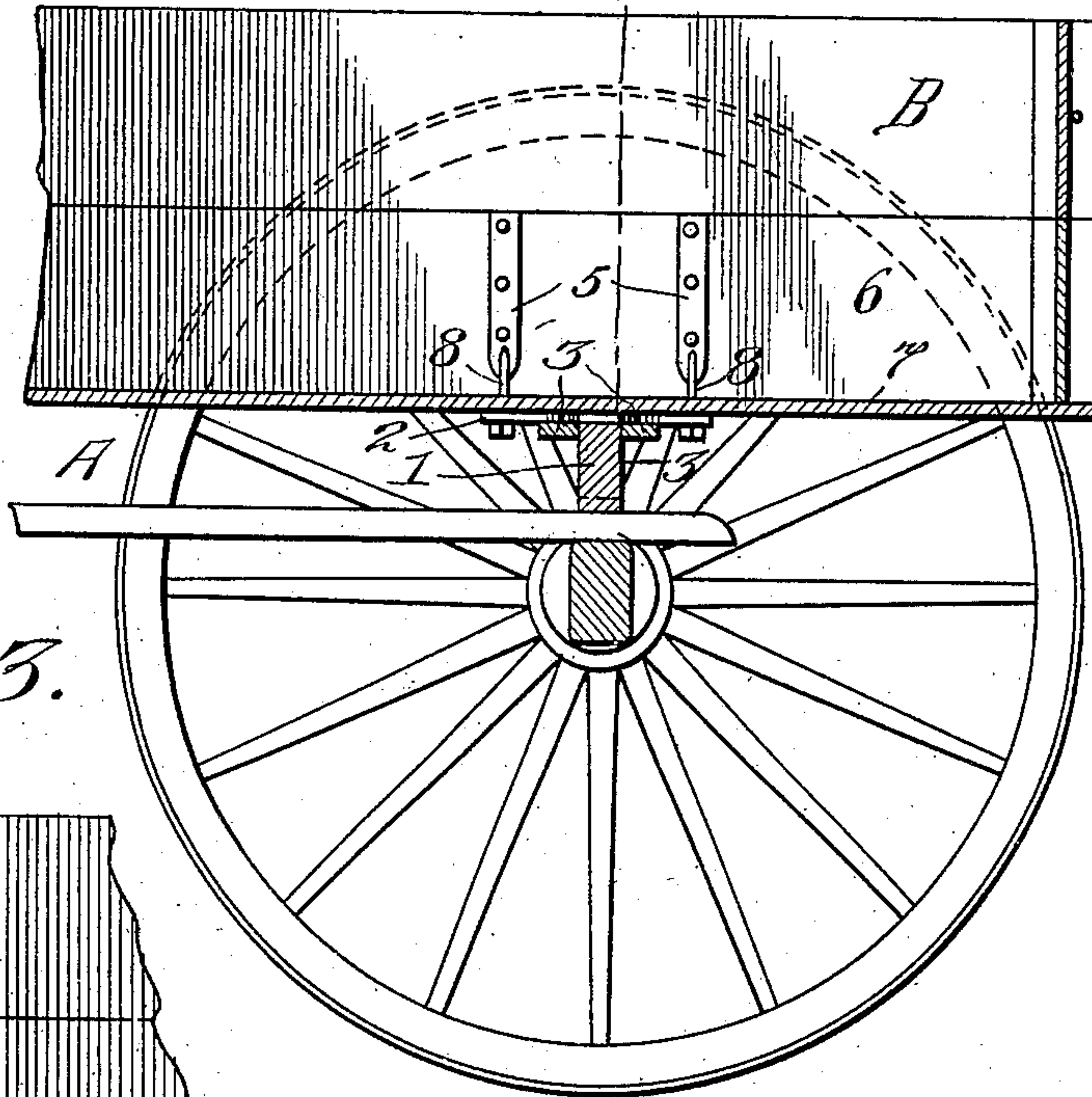


Fig. 3.

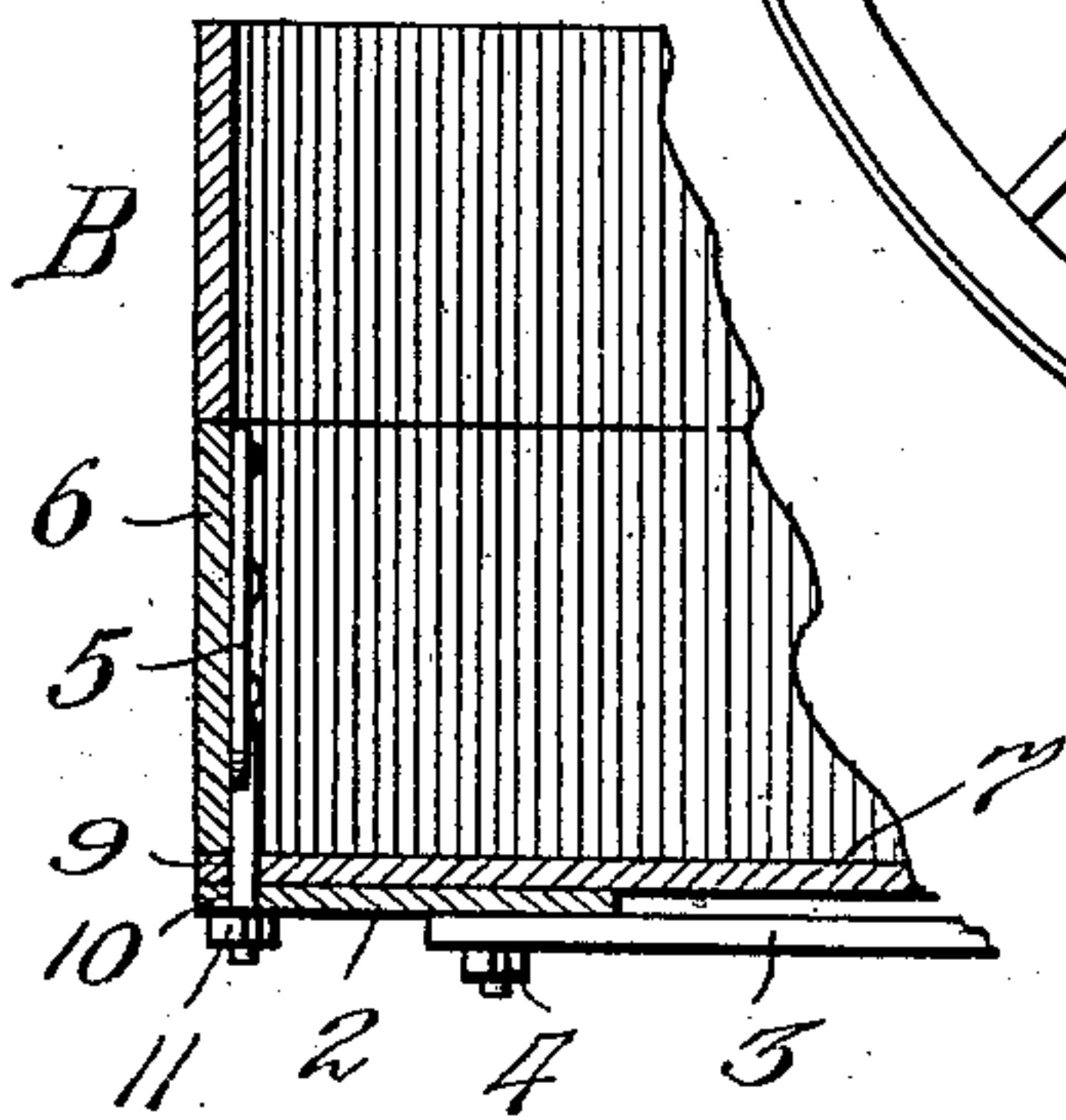
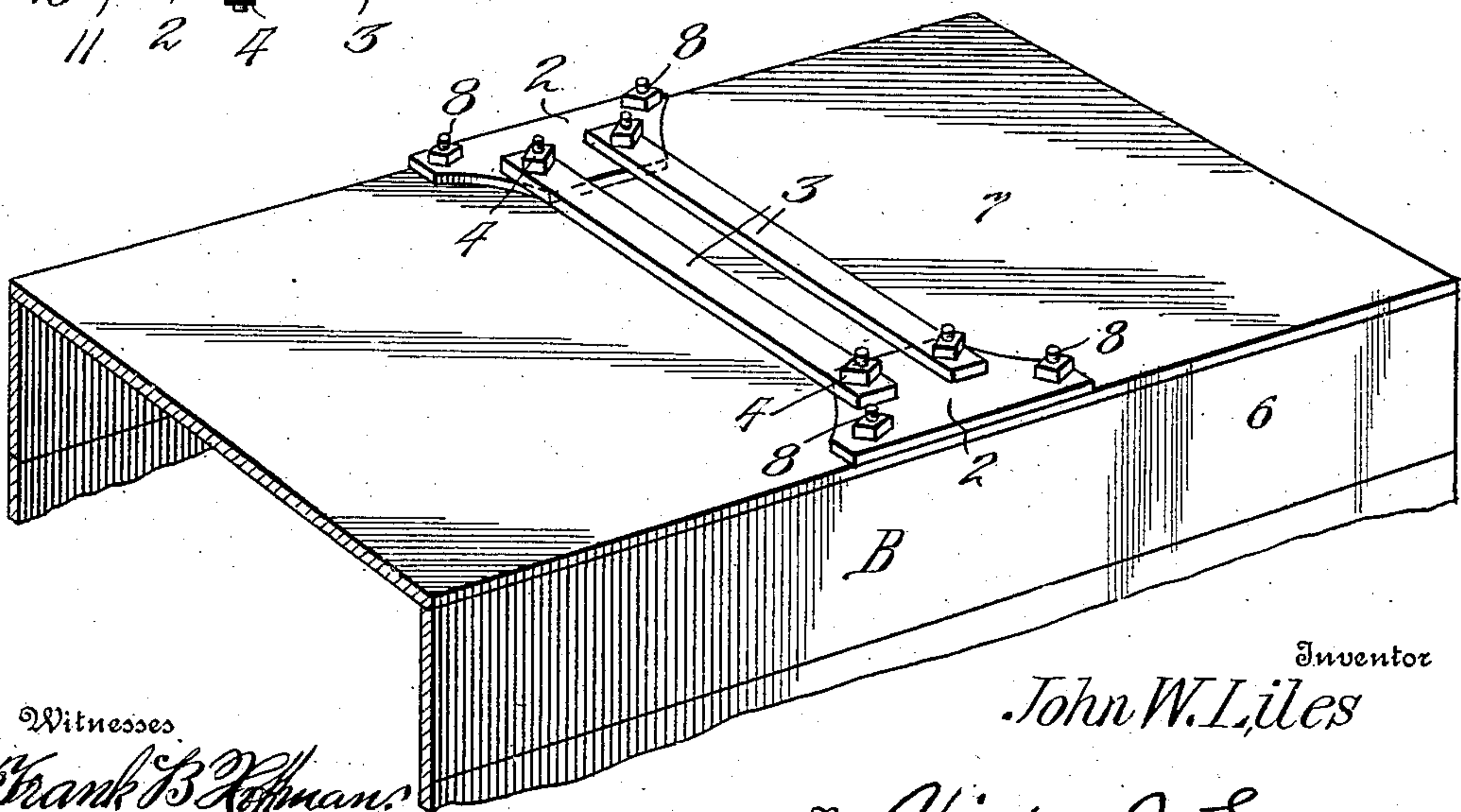


Fig. 2.



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No. 884,173.

Specification of Letters Patent.

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Application filed June 21, 1907. Serial No. 380,134.

To all whom it may concern:

Be it known that I, JOHN W. LILES, a citizen of the United States, residing at North Platte, in the county of Lincoln and State of Nebraska, have invented new and useful Improvements in Attachments for Wagons, of which the following is a specification.

This invention relates to vehicles, and more particularly to those of that type commonly termed farm wagons in which the body or box is often removed from the running gears for permitting the wagon to be used for logging and similar purposes, and also for permitting different forms of bodies to be employed.

The principal object of the invention is to provide an attachment for wagon bodies or boxes whereby the latter can be permanently held in place by coöperating with one of the bolsters to prevent longitudinal relative movement between the box and running gears.

A further object of the invention is the provision of an attachment of the character referred to comprising wearing plates adapted to be secured to the bottom of the box, and which rest on the bolster, in combination with parallel bars secured to the plates and spaced apart so as to engage on opposite sides of the bolster.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one of the embodiments of the invention, Figure 1 is a fragmentary sectional view of the rear portion of a farm wagon with the invention applied thereto. Fig. 2 is a perspective view of the wagon body or box inverted. Fig. 3 is a detail sectional view on line 3—3, Fig. 1.

Similar reference characters are employed to designate corresponding parts throughout the several views.

Referring to the drawing, A designates generally the running gears of a wagon, and B, the removable box or body thereof, the running gears and box being of any approved construction.

The attachment on the box B is arranged to coöperate with the rear bolster 1 of the running gears to prevent longitudinal move-

ment of the box while at the same time permitting the latter to be readily detached by lifting it out of engagement with the bolster. On the bottom of the body B are flat metal wearing plates 2 that are disposed over the bolster and are adapted to take the wear from the latter by play between the body and running gear. Extending transversely of the wagon and presented to the under sides of the plates 2 are parallel bars 3 of metal that have their ends secured to the said plates by bolts 4 or equivalent means. The bars 3 are spaced apart a distance equal to the width of the bolster in order to permit the latter to engage between them, as shown in Fig. 1. The plates 2 also serve as anchor plates for receiving the strap irons 5, whereby the sides 6 of the wagon body are secured to the bottom 7, the lower ends of the strap irons being formed into bolts 8 that pass through apertures 9 in the bottom, and 10 in the plates 2, as shown clearly in Fig. 3, and nuts 11 on the bolts screwed home against the plates 2 and thereby firmly hold the parts together. A wagon body equipped with a device constructed as described is reinforced and strengthened and can be securely held in position on the running gears by reason of its own weight, and can be readily removed when desired.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative and that such changes may be made when desired, as are within the scope of the claims.

Having thus described the invention, what I claim is:—

1. The combination of a wagon running gear including a bolster, with a body or box removably mounted on the gear, metal wearing plates on the under side of the bottom of the body and adjacent the side edges thereof, strap irons on the sides of the body and having bolt portions extending through the bottom of the body and through the said plates, nuts on the bolt portions bearing against the plates and holding the sides of the body in fixed position with respect to the bottom of

the latter, spaced transverse bars adapted to engage on opposite sides of the bolster and spaced from the body bottom by the said plates, and bolts securing the ends of the bars
5 to the plates.

2. The combination of a wagon body, wearing plates on the under side of the bottom thereof, spaced transverse bars disposed under and secured to the plates, strap irons
10 on the sides of the body having bolt portions

passing through the bottom of the body and through the wearing plates, and nuts on the bolt portions bearing against the wearing plates.

In testimony whereof, I affix my signature 15
in presence of two witnesses.

JOHN W. LILES.

Witnesses:

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W. E. FUNKHOUSER,