

No. 824,089.

PATENTED JUNE 26, 1906.

J. E. BLAKE.
ATTACHMENT FOR VEHICLES.
APPLICATION FILED NOV. 16, 1905.

Fig. 1.

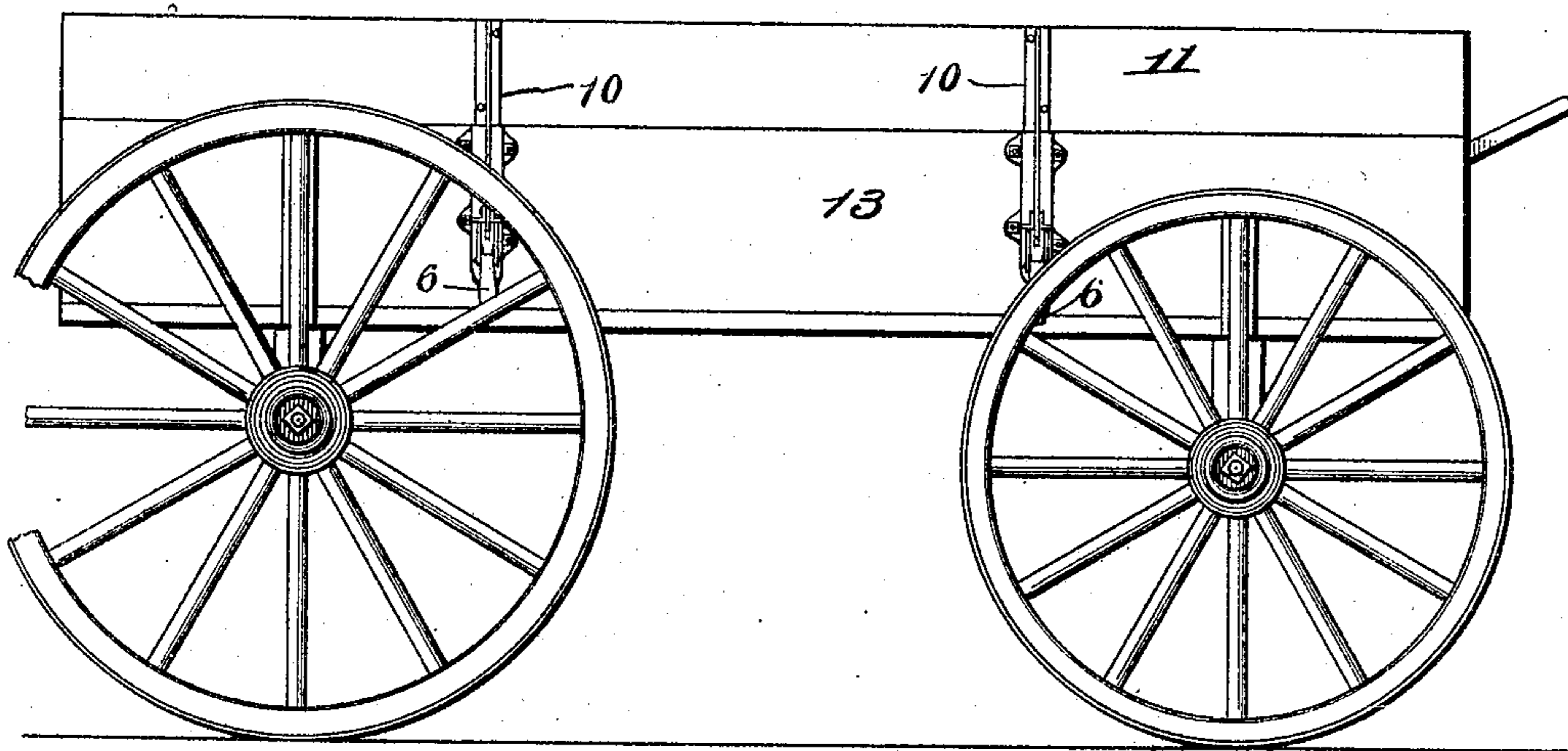
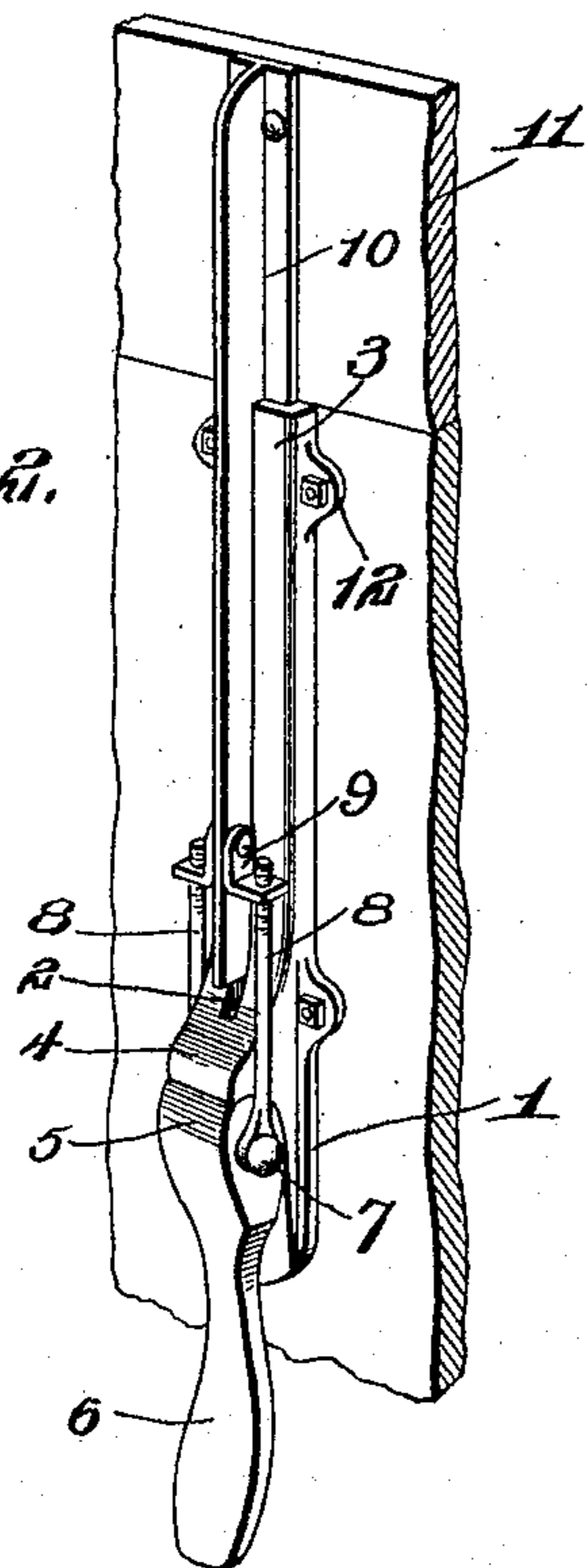


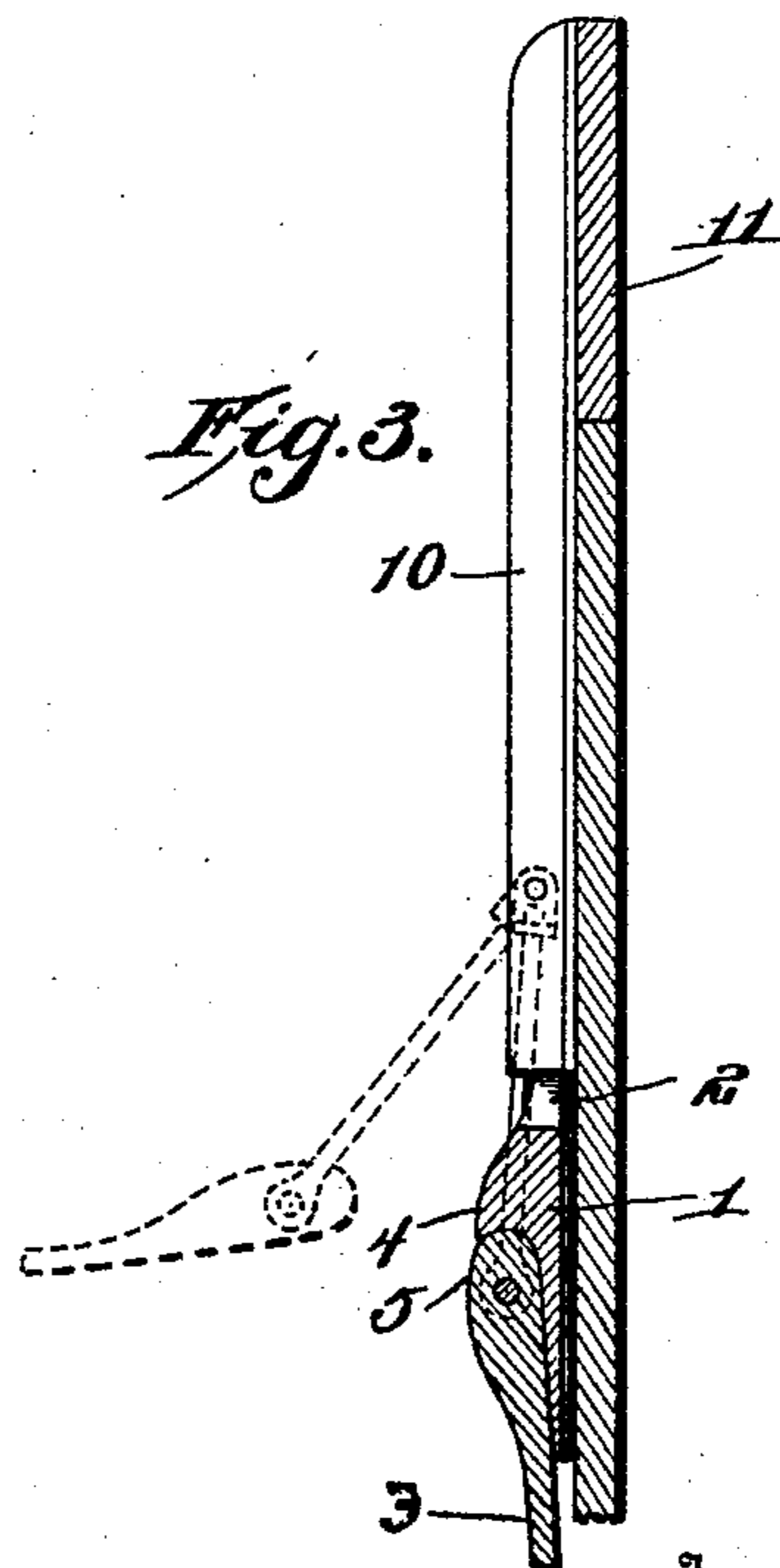
Fig. R.



Witnesses

Louis R. Heinichs
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Fig. 3.



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UNITED STATES PATENT OFFICE.

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ATTACHMENT FOR VEHICLES.

No. 824,089.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES E. BLAKE, a citizen of the United States, residing at Cornell, in the county of Livingston and State of Illinois, have invented certain new and useful Improvements in Attachments for Vehicles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to vehicles, and it is more particularly a combined cleat and fastener for use in connection with the side-boards of vehicle-bodies.

The object of the invention is to provide a cleat which will hold the side-board securely in place and which has adjustable means for locking said board, so as to prevent it from becoming displaced.

The invention consists of a T-shaped strip which is secured to the side-board and which projects and is adapted to slide between guides which are connected to the vehicle-body. A cam is adjustably connected to the strip and is adapted to engage an ear extending from the guide, so as to securely lock the strip within the guides and prevent the same from rattling.

The invention also consists of certain other novel features of construction and combination of parts, which will be hereinafter more fully described, and pointed out in the claims.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings, Figure 1 is a side elevation of a wagon having my improved attachment thereon. Fig. 2 is a perspective view of the attachment; and Fig. 3 is a longitudinal section therethrough, showing in dotted lines the position of the eccentric when disengaged from the ear of the guide.

Referring to the figures by numerals of reference, 1 is a plate having a longitudinally-extending slot 2 therein, the sides of which are bent inward to form guide-flanges 3. A lug 4 is disposed adjacent one end of the plate 1, and this lug is adapted to be engaged by an eccentric 5, formed by one end of the lever 6, said eccentric being mounted on a pin 7, which connects threaded bolts 8. These bolts extend to opposite sides of the eccentric and the ear 4, and their threaded ends engage lugs 9, which are fastened to opposite sides of a T-shaped strip 10, which strip is

adapted to be fastened to the side-board of a wagon and to project therebelow.

The side-board 11 may be provided with any number of these strips 10, and one plate 1 is utilized in connection with each strip 10. These plates have lugs 12 for the reception of fastening means whereby they may be secured to a vehicle-body 13, and when it is desired to fasten a side-board in position its strips 10 are inserted into the slots in the plates 1 and into engagement with the flanges 3. Levers 6 are then swung inward, so that their cam ends will engage the ears 4 and draw the strips 10 tightly into the slot in plate 1, so as to hold it securely against rattling and against accidental displacement of the side-board. The distance between the ears 9 and the cam can be regulated by withdrawing the pin 7 and screwing the bolts in either direction within the lugs 9. In this way shrinkage or expansion of material can occur without rendering the attachment inoperative.

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

1. The combination with a vehicle-body having a longitudinally-slotted guide-plate thereon provided with retaining-flanges and an ear adjacent one end of the plate; of a side-board, a T-shaped strip secured thereto and extending into and detachably mounted within the slotted plate, bolts adjustably connected and pivoted to the strip, and a cam-lever mounted between the bolts and adapted to engage the ear.

2. A combined cleat and lock for side-boards of vehicles comprising a longitudinally-slotted guide-plate having retaining-flanges and an ear, a T-shaped strip detachably and slidably mounted within the guide-plate and adapted to be secured to a side-board, lugs pivoted to the strip and extending from opposite sides thereof, bolts adjustably connected to the lugs, and a cam-lever pivoted between the bolts and adapted to engage the ear to lock the strip within the guide-plate.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES E. BLAKE.

Witnesses:

H. W. LUKINS,
LOUIS NATER.