

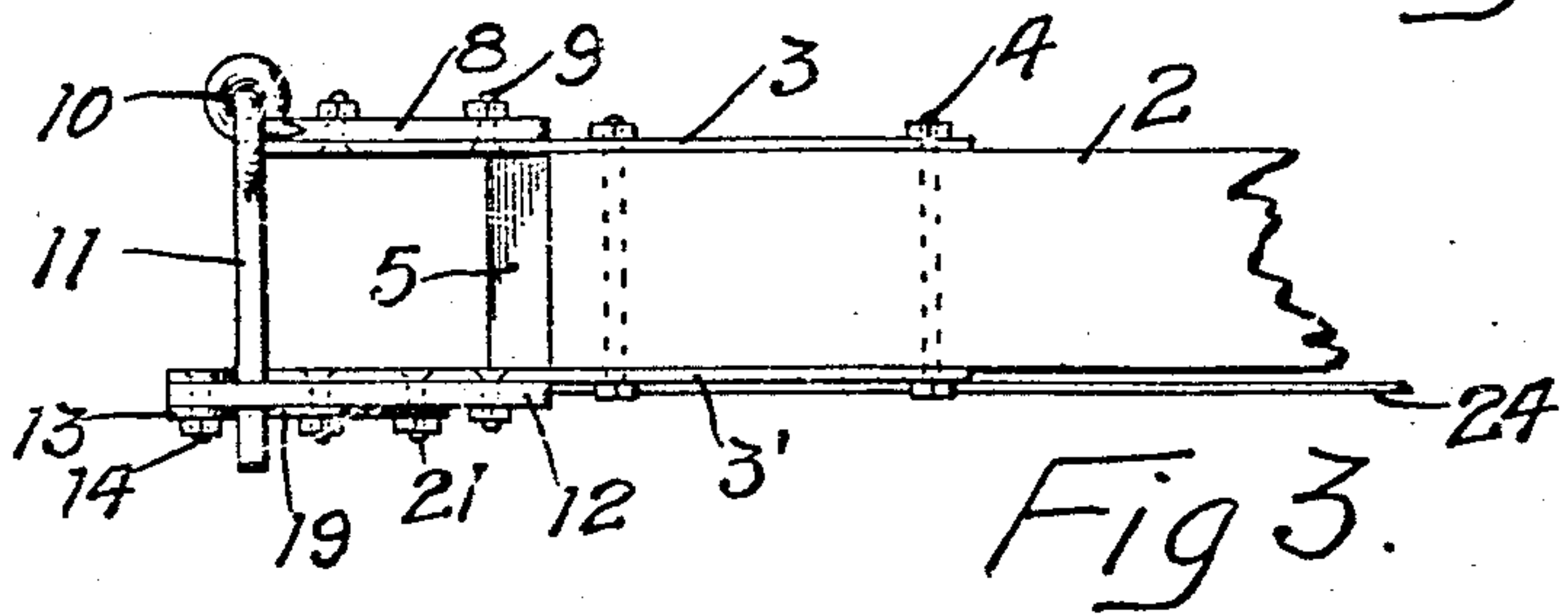
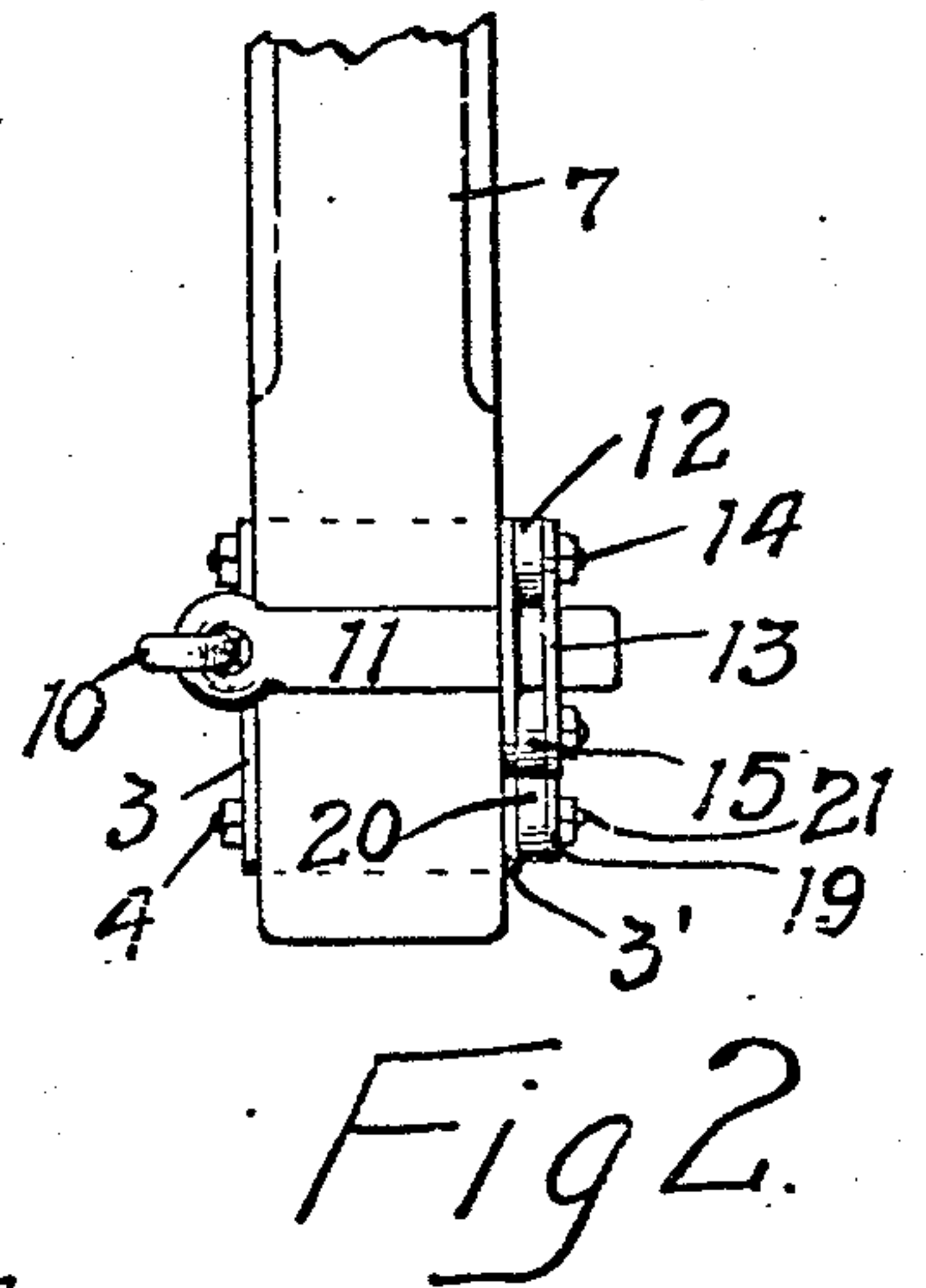
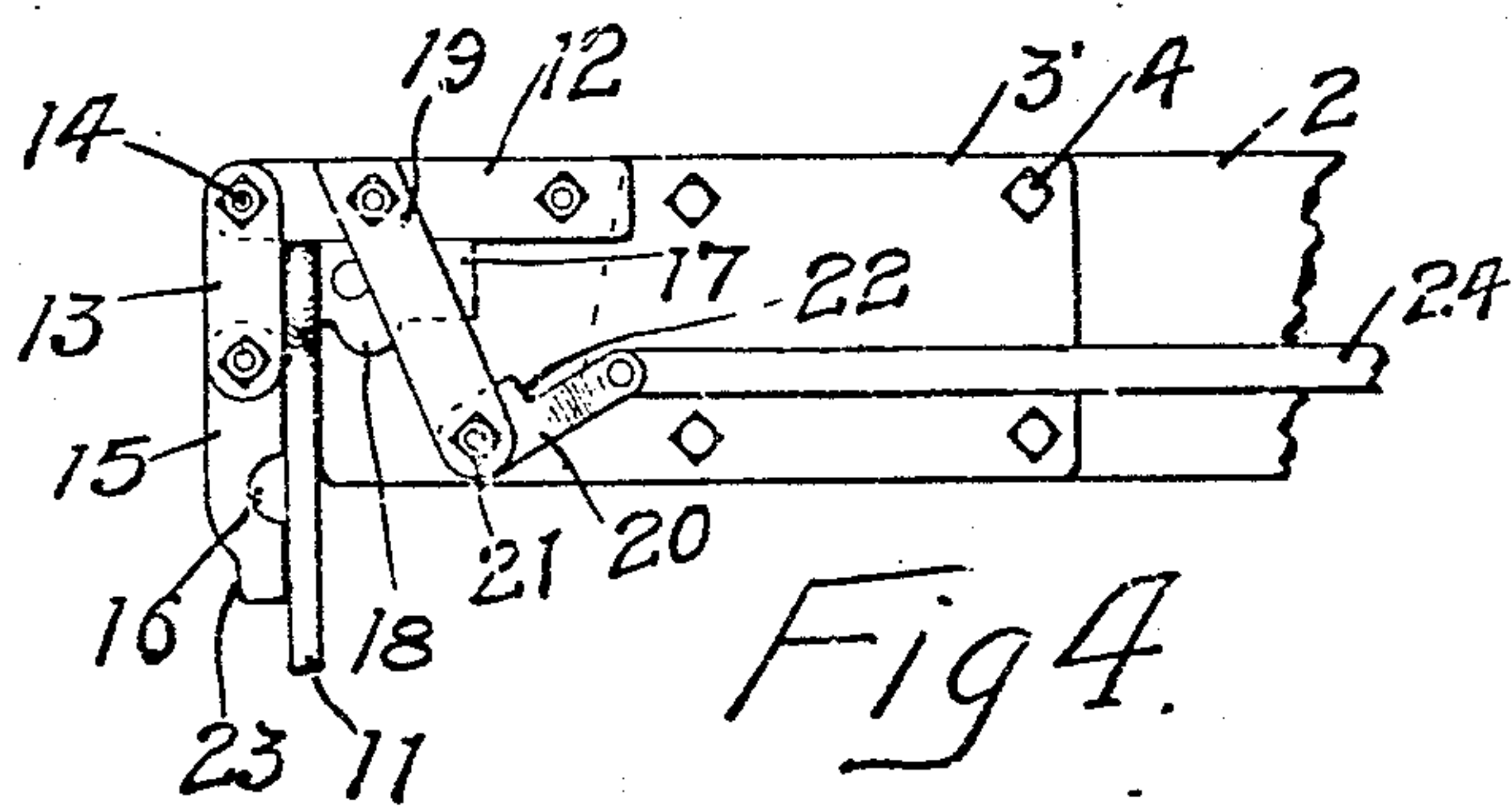
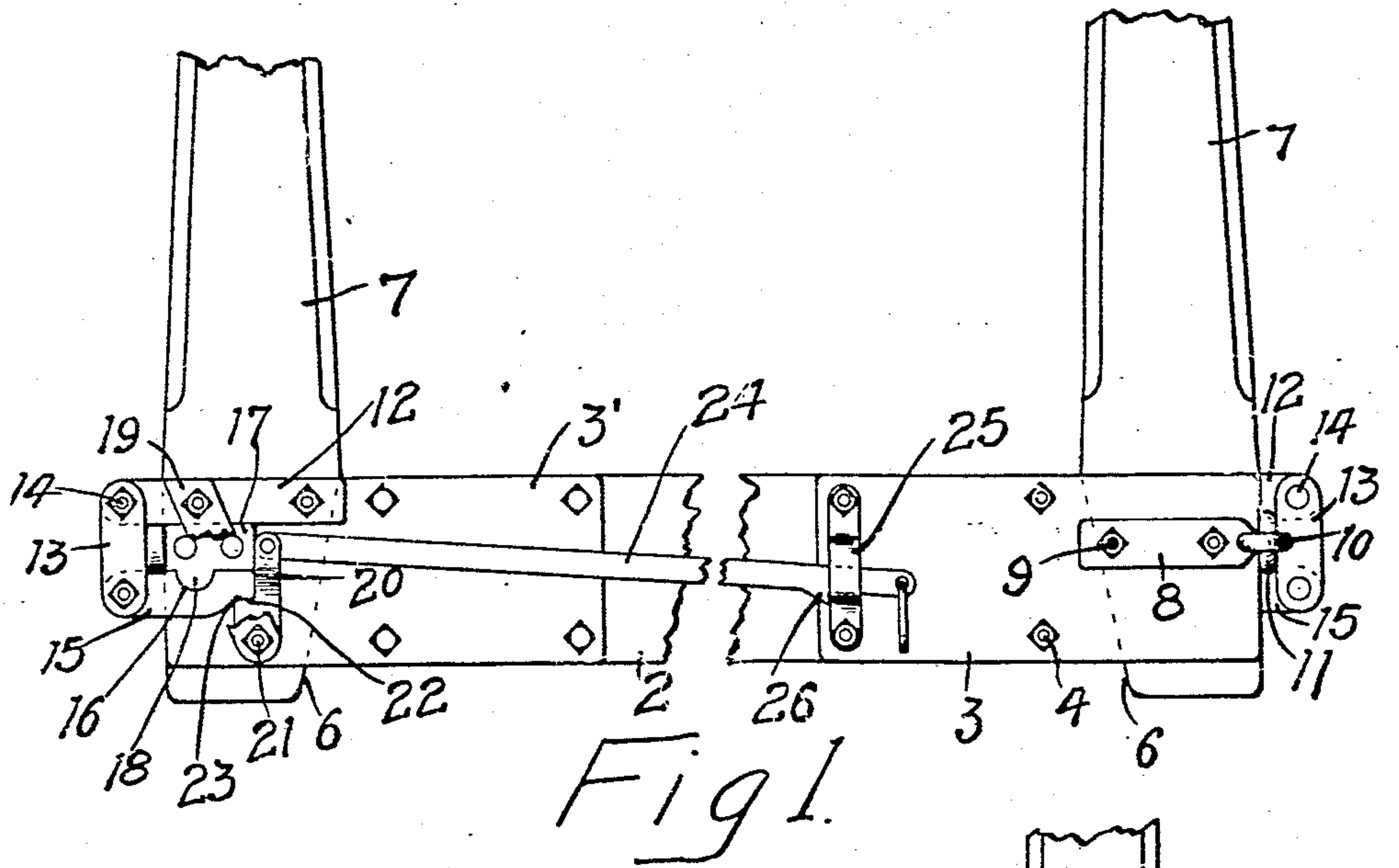
No. 897,249.

PATENTED AUG. 25, 1908.

A. J. BOSTWICK.

STAKE HOLDER.

APPLICATION FILED SEPT. 30, 1907.



WITNESSES
Amiel Strom
J. B. Ovington

INVENTOR
ARTHUR J. BOSTWICK
BY *Paul Paul*
HIS ATTORNEYS

UNITED STATES PATENT OFFICE.

ARTHUR J. BOSTWICK, OF EAU CLAIRE, WISCONSIN, ASSIGNOR OF ONE-HALF TO EAU CLAIRE
MILL SUPPLY CO., OF EAU CLAIRE, WISCONSIN.

STAKE-HOLDER.

No. 897,249.

Specification of Letters Patent.

Patented Aug. 25, 1908.

Application filed September 30, 1907. Serial No. 395,123.

To all whom it may concern:

Be it known that I, ARTHUR J. BOSTWICK, of Eau Claire, Eau Claire county, Wisconsin, have invented certain new and useful Improvements in Stake-Holders, of which the following is a specification.

My invention relates to stake-holders for use on logging sleighs or cars and the object of the invention is to improve the form of holder shown and described in Letters Patent of the United States, issued to me February 19, 1907, No. 844,775.

The invention consists generally in various constructions and combinations, all as hereinafter described and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a side view of a car cross beam or bolster with my invention applied thereto. Fig. 2 is an end view of the same. Fig. 3 is a top view of one end of the bolster showing the stake holder in its locked position. Fig. 4 is a side view of the bolster showing the holder in its released or unlocked position.

In the drawing, 2 represents the car or sleigh cross beam or bolster having flat plates 3 and 3' thereon at each end secured together through the bolster by bolts 4. These plates extend beyond the bolster on each side and form the side walls of the holder. The end of the bolster has an inclined or beveled surface 5 to receive a corresponding surface 6 on the stake 7. A plate 8 is secured to the plate 3 by bolts 9 and said plate 8 has an eye 10 at its outer end wherein the tongue 11 is pivoted. This tongue is adapted to extend across the open end of the holder contacting with the ends of the plates 3 and 3' and preventing the stake 7 from being pressed outwardly by the pressure of the logs on the car or sleigh. The inclined surface 5 braces the lower end of the stake and on the other side near the top of the holder it is held in position by the pivoted tongue. On the other side of the holder from the plate 8 a bar 12 is provided, secured to the plate 3' on that side of the bolster and extending outwardly beyond the eye 10. A link 13 is pivoted at 14 on the bar 12 and has a tongue 15 pivotally attached to its lower end and provided with a recess 16. A plate 17 is secured to the plate 3' and has a lug 18 adapted to enter the recess 16 in the tongue 15. A strap 19 is secured to the bar 12 and extends diagonally

therefrom and a locking latch 20 is pivoted at 21 on the lower end of said strap and has a recess 22 adapted to receive the beveled end 23 of the tongue 15, and whereby the said tongue will be locked in engagement with the lug 18, and the tongue 11 resting on the tongue 15 will be held in its locking position across the outer end of the stake holder.

To operate the locking latch 20 a bar 24 is pivotally connected thereto and slidably supported in its opposite end in a guide 25 near the other side of the car. A lug 26 on said bar engages the said guide and prevents the premature movement of the locking latch. Whenever desired the bar may be lifted and moved lengthwise to release the latch and allow the locking tongue to swing down to a vertical position and open the discharge side of the holder.

I claim as my invention:

1. A stake-holder having an opening in its wall of sufficient size to allow the discharge of a stake therethrough, a pivoted tongue arranged to extend across the opening of said stake holder, a second pivoted tongue whereon the free end of said first named tongue is supported without being attached thereto, and a locking latch arranged to engage said second pivoted tongue and hold the same in its locking position.
2. A stake holder having an opening in its side wall of sufficient size to allow the discharge of a stake therethrough, a pivoted tongue arranged to extend across the open side of said stake holder, a link provided near the free end of said tongue, a second tongue pivotally connected to the free end of said link and forming when in a horizontal position a support for the free end of said first named tongue, and means for temporarily locking said second named tongue.
3. A stake-holder having an opening in its side wall of sufficient size to allow the discharge of a stake therethrough, a pivoted tongue arranged to extend across the open side of said holder, a pivoted link, a second tongue pivotally connected to said link and having a recess in its edge, and a notched end, a plate secured on the wall of said holder and having a lug to enter the recess of said second named tongue, and said second named tongue forming a support for the free end of said first named tongue and a locking latch having means for operating it from the opposite side of the car and pro-

vided with a beveled surface to engage the notched end of said second named tongue.

4. The combination, with a bolster of plates secured thereon and projecting beyond the ends thereof, said bolster having a beveled or inclined end, a tongue pivotally connected to one of said plates and adapted to swing across the space between them, a link pivotally connected to the other plate, a second tongue pivotally connected to said link and adapted to support the free end of said first named tongue, and means for locking said second named tongue, said means being operable from the other side of the car, substantially as described.

5. The combination, with a bolster, of plates secured thereto on each side and projecting beyond the ends thereof, a tongue pivotally connected to one of said plates, a bar secured to the other plate and projecting outwardly beyond the end thereof, a link pivotally attached to said bar, a second tongue pivotally connected to said link and between which second tongue and said bar the free end of said first named tongue is adapted to be inserted and supported, and means for locking said second named tongue in a substantially horizontal position.

6. The combination, with a bolster, of a

stake-holder mounted thereon and having an open side of sufficient size to allow the discharge of a stake therethrough, a tongue arranged to extend across the open side of said holder, a second tongue pivotally supported and arranged to engage and support the free end of said first named tongue, said second tongue having a recess in its edge, a plate having a lug to enter said recess; and a pivoted locking latch arranged to engage the free end of said second tongue and having operating means extending to the opposite side of the car, substantially as described.

7. A stake holder having an opening in its wall of sufficient size to allow the discharge of a stake therethrough, a pivoted tongue arranged to extend across the opening of said stake holder, a second pivoted tongue whereon the free end of said first named tongue is loosely supported without being attached thereto, and means for holding said second pivoted tongue in its locking position, substantially as described.

In witness whereof, I have hereunto set my hand this 23rd day of September 1907.

ARTHUR J. BOSTWICK.

Witnesses:

C. L. TOLLES,

ROBT. B. BRIGGS.