

No. 676,837.

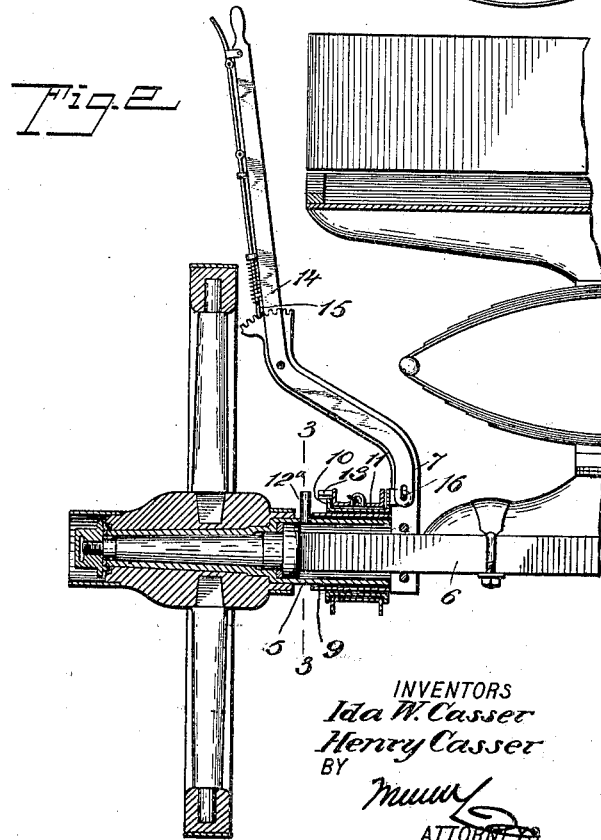
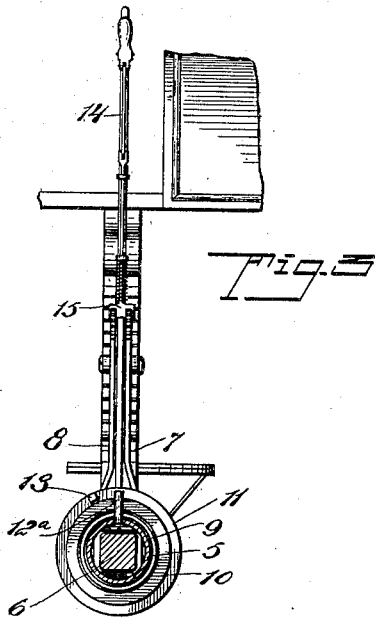
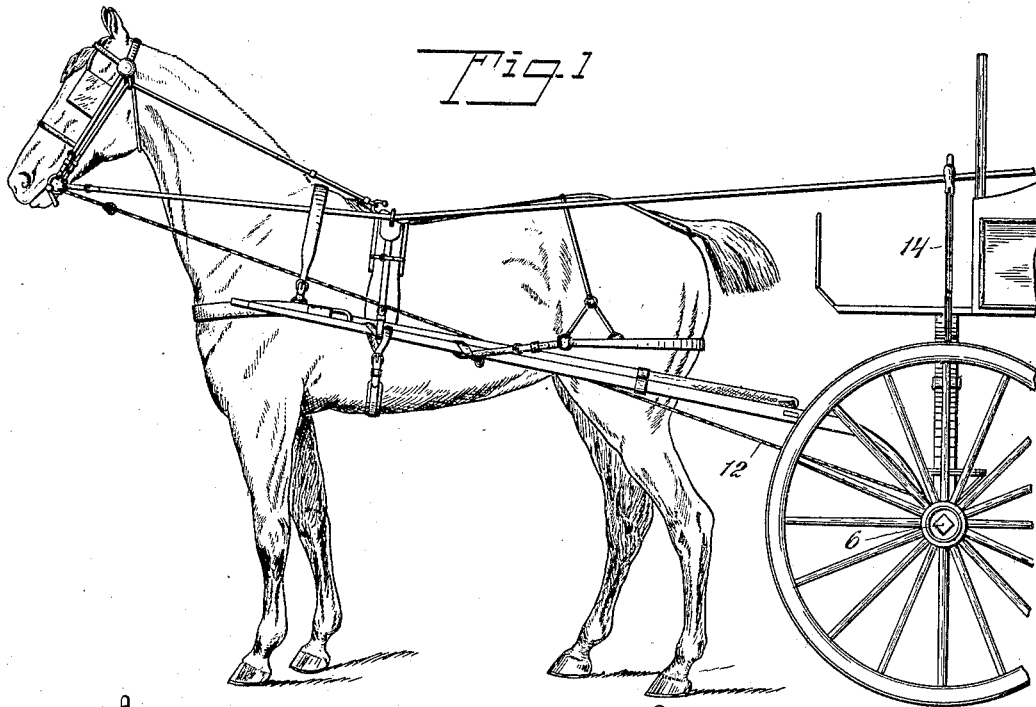
Patented June 18, 1901.

I. W. & H. CASSER.  
HORSE HITCHING DEVICE.

(Application filed Oct. 31, 1900.)

(No Model.)

2 Sheets—Sheet 1.



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2 Sheets—Sheet 2.

Fig 4

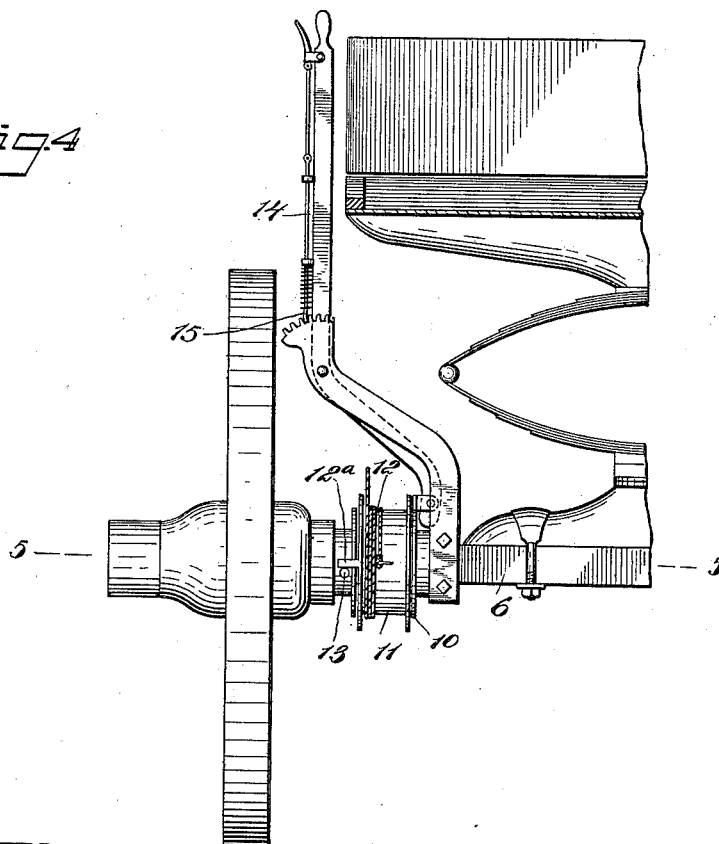


Fig. 5

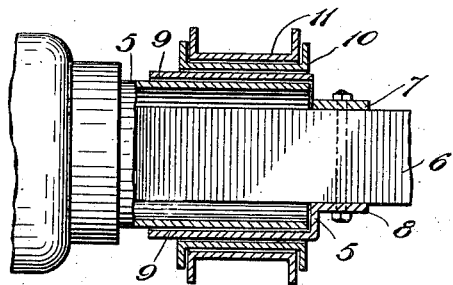
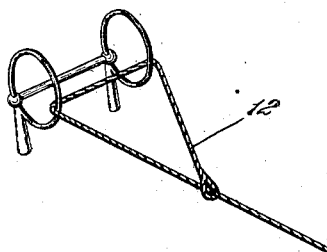


Fig. 6



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# UNITED STATES PATENT OFFICE.

IDA W. CASSER AND HENRY CASSER, OF COLORADO SPRINGS, COLORADO.

## HORSE-HITCHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 676,837, dated June 18, 1901.

Application filed October 31, 1900. Serial No. 35,036. (No model.)

*To all whom it may concern:*

Be it known that we, IDA W. CASSER and HENRY CASSER, citizens of the United States, and residents of Colorado Springs, in the county of El Paso and State of Colorado, have invented a new and Improved Horse-Hitching Device, of which the following is a full, clear, and exact description.

This invention relates to improvements in devices for hitching horses; and the object is to provide a device of this character of simple construction designed to be attached to a vehicle and so arranged and connected with the bridle-bit that should a horse start forward the bit connection will be wound in such manner as to draw the horse's head down or back, and thus stop him; and a further object is to obviate the use of the usual hitching-post, weights, or the like.

We will describe a horse-hitching device embodying our invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a view showing a horse-hitching device embodying our invention as applied. Fig. 2 is a sectional view of the winding device. Fig. 3 is a section on the line 3 3 of Fig. 2. Fig. 4 is a rear elevation of the winding device. Fig. 5 is a section on the line 5 5 of Fig. 4, and Fig. 6 shows the connection of the device with a bit.

Referring to the drawings, 5 designates a sleeve which extends around the front axle 6 of the vehicle. This sleeve, as here shown, is connected directly to the hub-box; but it is to be understood that it may be otherwise connected to the hub of the wheel in such manner as to rotate therewith.

Rigidly connected to the axle or to one of two upwardly-extended straps 7 and 8, attached to the axle, is a sleeve 9, which surrounds the sleeve 5, and mounted to move longitudinally of the sleeve 9 is a brake-actuated sleeve 10, having outwardly-extended flanges at both its ends, and mounted to rotate on this brake-actuated sleeve is a swinging collar 11, which has flanges on both its ends, and attached to a staple or the like on this swinging collar is the end of a rope 12,

which passes through the rings of the bridle-bit, as clearly shown in Fig. 6.

Connected to the sleeve 5 and extended outward therefrom is a pin 12<sup>a</sup>, designed to be engaged by a horizontally-disposed pin 13 on the winding-collar 11. A brake-lever 14 is pivoted between the arms 7 and 8, and on this lever is a spring-pressed dog 15, adapted to engage in any one of a series of notches formed on the upper ends of the arms 7 and 8. The lower end of the brake-lever is provided with a slot through which a pin 16 passes, the said pin 16 being attached to lugs extended inward from the inner flange of the sleeve 10.

In operation when it is desired to hitch a horse the brake-lever 14 is to be operated in such manner as to force the sleeve 10 outward, and consequently move the sleeve 11 outward until its pin 13 is in the line of movement of the pin 12<sup>a</sup>. Then as the end of the rope 12 is attached to the staple on the sleeve or collar 11 should the horse start forward the pin 12<sup>a</sup> will come in contact with the pin 13, causing a rotary movement of the sleeve or collar 11, which will wind the rope 12, drawing the horse's head back or down and stopping his forward progress. Of course by a reverse movement of the lever 14 the parts will be returned to normal position, so that the wheel may freely rotate in the usual manner.

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

1. A horse-hitching device, comprising a sleeve attached to a vehicle-wheel and extended around the axle thereof, a fixed sleeve surrounding the first-named sleeve, a sleeve movable longitudinally of the said fixed sleeve, a brake-lever having connection with said longitudinally-movable sleeve, a collar mounted to rotate on said longitudinally-movable sleeve, the said collar having connection with the bridle-bit, a pin on said collar, and a pin carried with the vehicle-wheel for engaging the first-named pin, substantially as specified.

2. A horse-hitching device, comprising a collar mounted to rotate around a vehicle-axle, a longitudinally-movable sleeve with which said collar is movable, a brake-lever

having connection with said sleeve, a horizontally-disposed pin on the collar, and a pin carried with the vehicle-wheel for engaging with the first-named pin, substantially as specified.

3. A horse-hitching device, comprising a sleeve extended from the hub of a vehicle-wheel and adapted to rotate around the vehicle-axle, an arm extended upward from the vehicle-axle, a sleeve attached to said arms and surrounding the first-named sleeve, a sleeve supported on said fixed sleeve and having flanges at its ends, a brake-lever pivoted to the arm and having connection with the longitudinally-movable sleeve, a collar sup-

ported by said longitudinally-movable sleeve and adapted to rotate thereon, a connection between said collar and a bridle-bit, a pin on said collar, and a pin on the sleeve attached to the hub adapted for engagement with the first-named pin, substantially as specified.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

IDA W. CASSER.  
HENRY CASSER.

Witnesses:

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