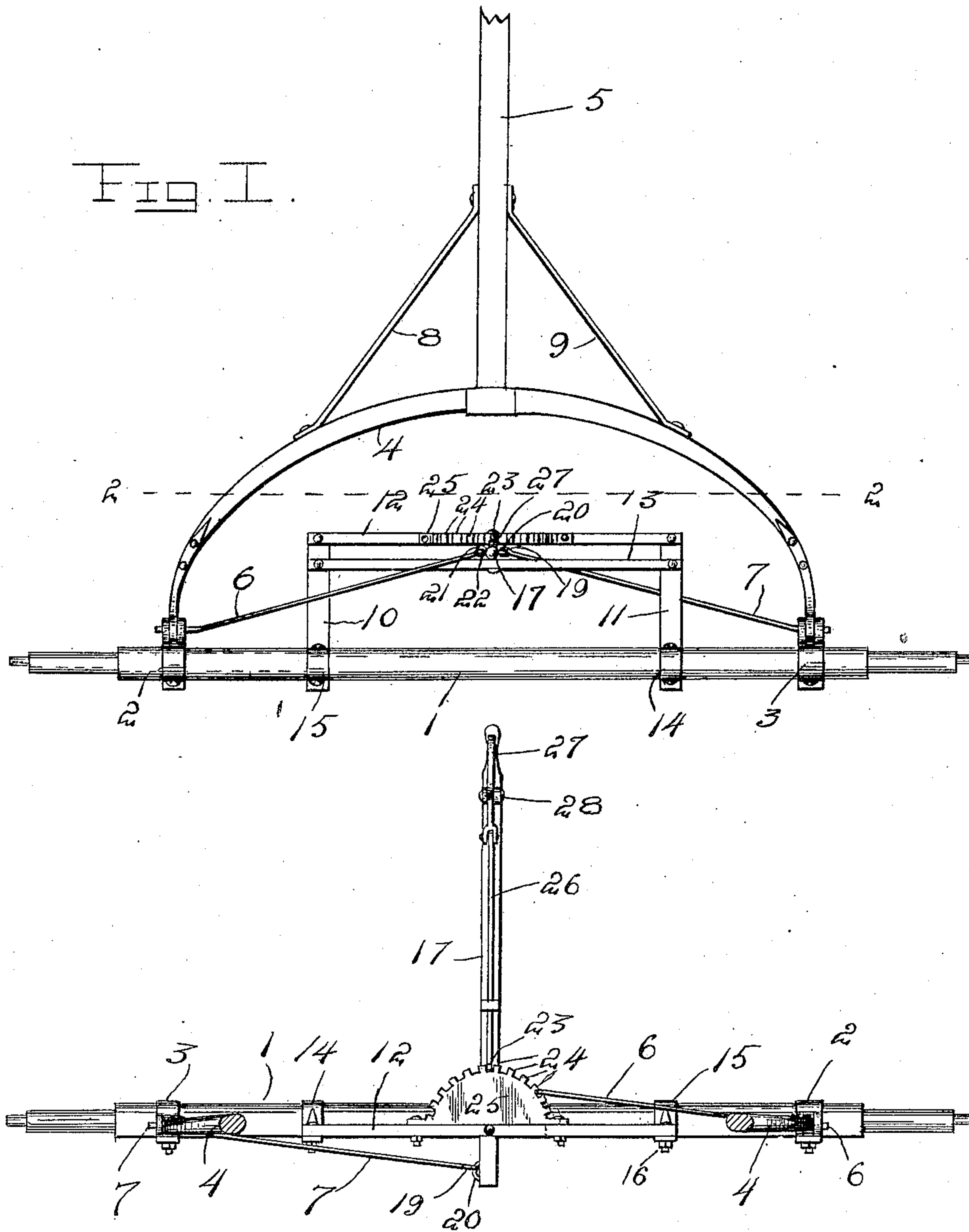


No. 832,552.

PATENTED OCT. 2, 1906.

H. H. LOW.  
HORSE DETACHER.

APPLICATION FILED NOV. 8, 1905.



Witnesses  
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# UNITED STATES PATENT OFFICE.

HENRY H. LOW, OF KLAMATH FALLS, OREGON.

## HORSE-DETACHER.

No. 832,552.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed November 8, 1905. Serial No. 286,373.

*To all whom it may concern:*

Be it known that I, HENRY H. LOW, a citizen of the United States, residing at Klamath Falls, in the county of Klamath, State of Oregon, have invented certain new and useful Improvements in Horse-Detachers; 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.

This invention relates to horse-detachers.

One object is to provide an exceedingly simple, inexpensive, durable, and efficient device of the nature stated.

Another object resides in the provision of a horse-detacher embodying such characteristics that it may be readily manipulated to release unmanageable or runaway horses from a vehicle.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claim, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a top plan view. Fig. 2 is a transverse vertical section.

Referring now more particularly to the accompanying drawings, the reference character 1 designates an axle having the usual thill-receiving clips 2 and 3 at each end for the reception of the free ends of the bowed thill member 4 of a vehicle-pole 5. Of course the clips 2 and 3 and the ends of the bowed thill member 4 have alining perforations for the reception of the fastening-bolts 6 and 7, respectively, and it will be seen that the bowed thill 4 is braced with respect to the tongue 5 by means of suitable braces 8 and 9.

Disposed against the lower face of the axle 1 are plates 10 and 11, which extend forwardly with respect to the axle and are connected by a pair of spaced connecting-pieces 12 and 13, the plates 10 and 11 being secured to the axle by means of upper clips 14 and 15, arranged over the upper face of the axle and having bolts 16 passed therethrough and the lower plates 10 and 11 upon opposite sides of the axle 1.

Pivotally mounted between the spaced connecting-pieces 12 and 13 and intermediate the ends thereof is an operating-lever 17, which extends upwardly adjacent the front of the dashboard of the vehicle. The fastening-bolt 7 is provided at its inner end with an eye 19 for the engagement of the eye 20, disposed at the lower end of the operating-lever 17, while the inner end of the opposite bolt 6 is provided with an eye 21 for engagement of the eye 22, secured to the operating-lever 17 above the eye 20 upon the opposite side of the lever. This lever 17 is provided with a pawl 23, movable into and out of engagement with the teeth 24 of a segment 25, secured upon the connecting-strip 12 through the instrumentality of a rod 26, pivotally connected intermediate the ends of the hand-lever 27, which is pivoted at 28 upon the upper end of the operating-lever 17.

From the foregoing it will be understood that when the operating-lever is in a vertical position, the fastening-rods 6 and 7 are engaged in the corresponding clips 2 and 3 and also with the corresponding ends of the bowed thill 4. In the event that it should be desired to release the horses from the vehicle it is simply necessary to shift the operating-lever 17 either to the right or to the left, and by reason of the pivotal mounting of the lever the fastening-rods 6 and 7 will become disengaged from the clips 2 and 3 and the bowed thill 4, thereby permitting the animals to become detached from the vehicle in a manner which should now be well understood.

What is claimed is—

In a horse-detacher, the combination with an axle provided with thill-engaging clips, a tongue provided with a bowed thill member for engagement in the clips, of a frame mounted upon the axle within the bowed thill, a segment mounted upon the frame, an operating-lever pivotally mounted upon the frame and provided with a pawl for engagement with said segment, and fastening-bolts connected with the lever to secure the bowed thill in the thill-engaging clips.

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

HENRY H. LOW.

Witnesses:

C. C. BROWER,  
ABEL ADY.