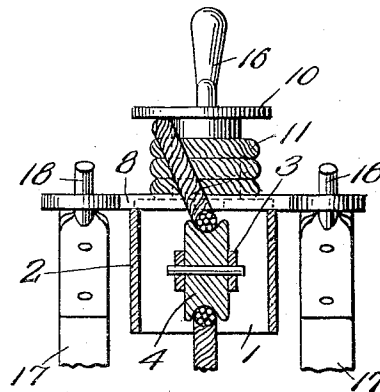
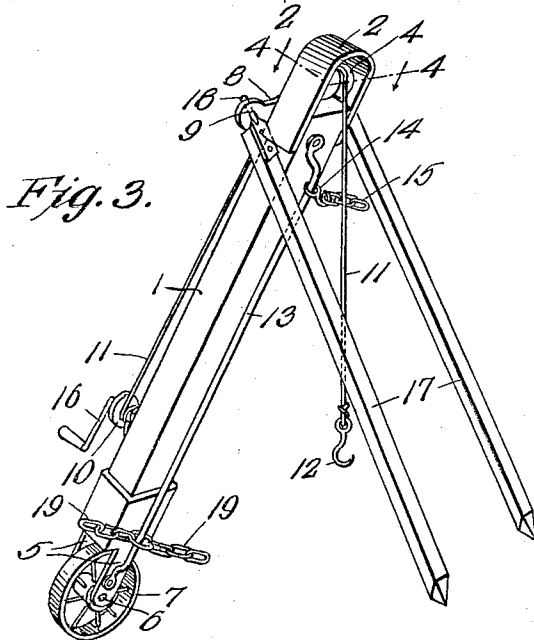
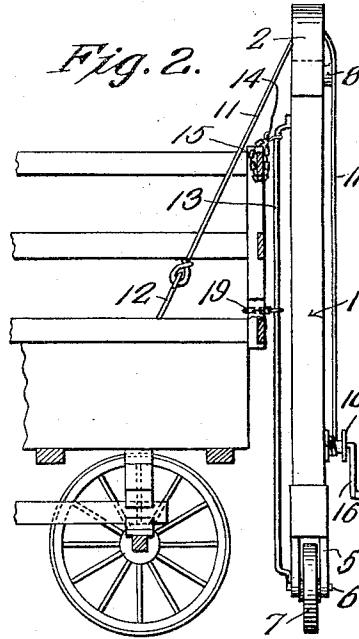
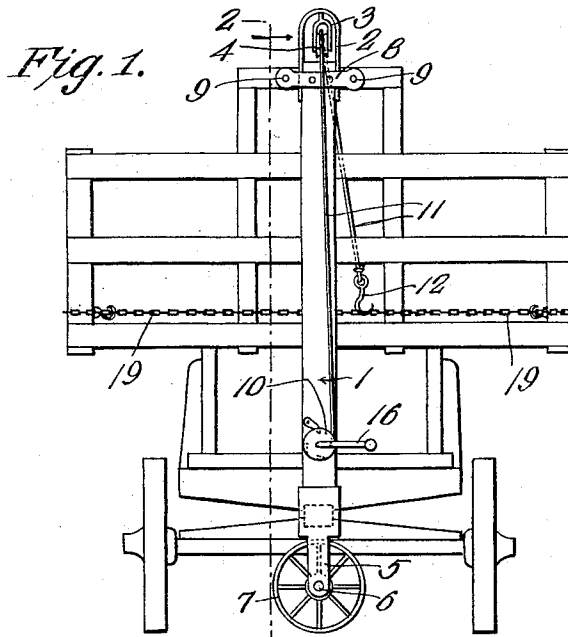


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DERRICK.
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1,194,893.

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UNITED STATES PATENT OFFICE.

HARRY B. STALKER, OF MARION, SOUTH DAKOTA.

DERRICK.

1,194,893.

Specification of Letters Patent.

Patented Aug. 15, 1916.

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To all whom it may concern:

Be it known that I, HARRY B. STALKER, a citizen of the United States, residing at Marion, in the county of Turner, State of South Dakota, have invented certain new and useful Improvements in Derricks; 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.

The present invention is directed to improvements in derricks, and has for its object to provide a derrick capable of being utilized for a number of purposes, for instance, unloading hay racks, suspending carcasses, pulling posts or for stretching wire.

A further object of the invention is to provide a derrick of this character which can be conveniently rolled from place to place.

With these and other objects in view, this invention resides in the novel features of construction, formation, combination and arrangement of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawing, in which:—

Figure 1 is a side elevation of the device, showing the same in use in connection with a hay rack. Fig. 2 is a sectional view on line 2—2 of Fig. 1. Fig. 3 is a perspective view of the derrick when used for suspending carcasses or when lifting posts or stumps. Fig. 4 is a sectional view on line 4—4 of Fig. 3.

Referring to the drawing 1 indicates the standard, the upper end of which has fixed thereto an arched bar 2, the bight of which is provided with a hanger 3 which supports the grooved pulley 4. The lower end of the standard 1 is provided with a casting 5 which supports the axle 6 and on which is rotatably mounted the wheel 7. Fixed to the upper end of the standard 1 is a bar 8, said bar having its outer ends provided with eyes 9, the purpose of which will appear later.

A windlass 10 is connected to the standard 1 intermediate its ends and has windable thereon a cable 11, said cable being trained over the pulley 4 and has its free end provided with a hook 12, said hook

serving as means for connecting the cable to objects to be lifted.

Fixed longitudinally of the standard is a rod 13 on which is slidably mounted hooks 14, said hooks having connected thereto chains 15. The chains are adapted to be attached as shown in Fig. 2 of the drawing, and at which time the standard 1 is attached to the hay rack so that the hook 12 may be engaged with the contents of the rack to remove the same therefrom upon winding the cable upon the windlass 10 by the crank handle 16.

When it is desired to use the standard for pulling stumps, lifting posts or suspending carcasses, the poles 17 are employed, said poles having their upper ends provided with projections 18 which are adapted to engage in the eyes 9 of the bar 8, whereby said poles will serve to hold the standard 1 in a substantially vertical position. To prevent the poles from slipping, the lower ends thereof are pointed so as to penetrate the ground.

When it is desired to use the device as a wire stretcher, the poles 17 are disengaged and the hook 12 engaged with the wire to be stretched, and the standard 1 placed in any suitable manner.

By providing the wheel 7, it is obvious that the standard 1 can be conveniently rolled from place to place when desired.

From the foregoing description it will be seen that a derrick has been provided which can be easily and quickly converted and used for a number of purposes.

A chain 19 is slidably connected to the rod 13, and is adapted to have its ends connected to the conventional form of hay-rack as shown in Fig. 1 of the drawing, thereby preventing tilting of the rack.

What is claimed is:—

A device of the class described comprising a wheeled standard, an arched bar connected to the upper end of the standard, a pulley supported by the arched bar, a windlass carried by the standard, a cable trained over the pulley and windable on the windlass, a hook carried by the free end of the cable for engagement with an object to be lifted, a bar carried by the upper end of the standard, and engaged flush against the standard and arched bar, said bar having

eyes formed upon its ends, and poles having projections on their upper ends for detachably connecting the eyes, the lower ends of said poles being pointed for penetrating
5 the ground to hold the standard in a substantially vertical position.

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

HARRY B. STALKER.

Witnesses:

BEN GRAF,

MARJORIE SLEMMONS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."