

(No Model.)

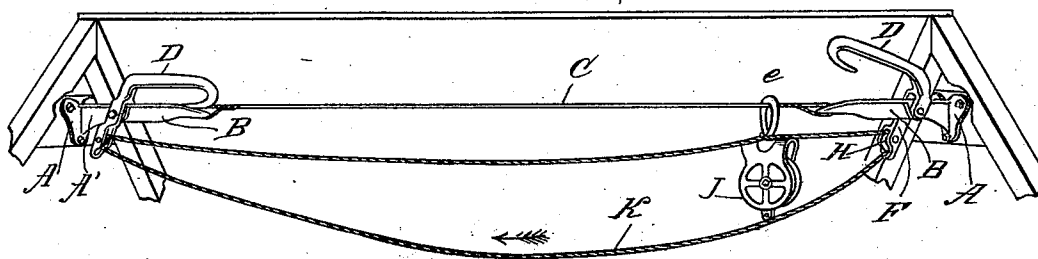
J. D. SWACICK.

MEANS FOR SHIFTING AND SECURING HAY ELEVATOR PULLEYS.

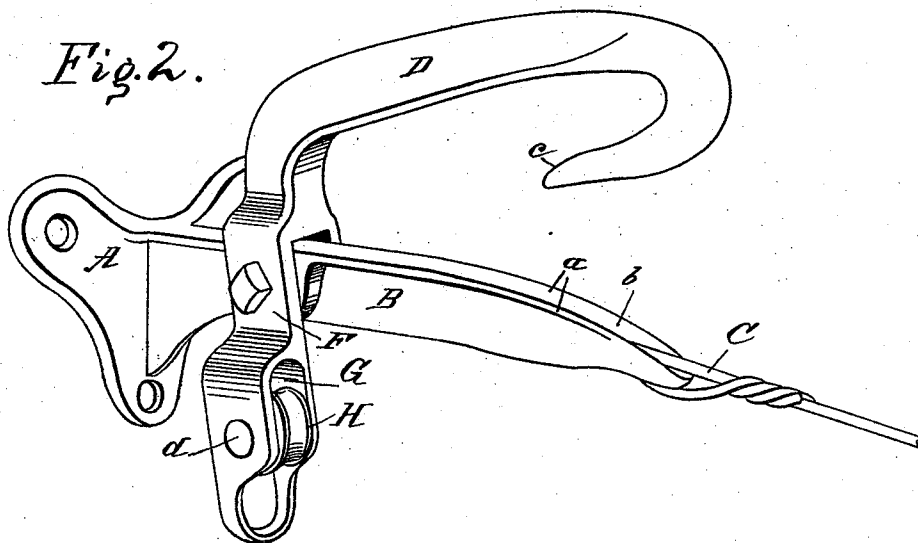
No. 527,737.

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*Fig. 1*



*Fig. 2.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

JUDSON D. SWACICK, OF CANTON, OHIO, ASSIGNOR TO THE NEY MANUFACTURING COMPANY, OF SAME PLACE.

## MEANS FOR SHIFTING AND SECURING HAY-ELEVATOR PULLEYS.

SPECIFICATION forming part of Letters Patent No. 527,737, dated October 16, 1894.

Application filed January 29, 1894. Serial No. 498,333. (No model.)

*To all whom it may concern:*

Be it known that I, JUDSON D. SWACICK, a citizen of the United States, and a resident of Canton, county of Stark, State of Ohio, have invented a new and useful Improvement in Means for Shifting and Securing Hay-Elevator Pulleys, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making  
10 part of this specification.

My invention relates to an improvement in means for shifting and securing hay elevator pulleys, and consists of certain features of construction and combination of parts as will  
15 be hereinafter described and claimed.

Figure 1, of the accompanying drawings is a side elevation, showing one adaptation of my invention, and Fig. 2, is a perspective of the support and hook latch.

Referring to Fig. 2, A represents the support and B, an outwardly projected arm portion of the latch, having about its outer edge upwardly projected flanges *a* forming a groove  
20 *b* in the arm.

The end portion of the arm B is apertured, that the pulley supporting wire C may be passed through and secured as shown in Fig. 2.

The latch hook D is pivotally secured to arm B. The free end portion of the latch is  
30 turned down and back on itself, and adapted to drop into the groove in the arm B, the top of the hook portion *c* to register with the top of the ribs *a* on the arm B.

From the inner end of the hook D is projected downwardly an arm F in which is provided a loop G, the side portions of which support a spindle *d* for the sheave pulley H.

In operation the supports A are secured to the building, substantially as shown in Fig. 1, that is, for the purpose of this applica-  
40 tion, I will say at each end of the barn or building, and connected by the wire C, on

which is supported the pulley block J, the wire passing through the swiveled eye *e*.

A cord as K is secured to the pulley block 45 as shown, and passed through the loops in the arm G, and about the pulleys H, as shown in Fig. 1. By drawing down on the lower run of the rope K, and moving the same in the direction indicated by the arrow, the latch D 50 will be raised and the eye *e* will pass onto the arm B. When the rope is released, the latch will drop down the point of the hook, resting in the groove *b*. The eye may then be drawn back into the hook by a slight reverse movement of the rope. 55

To move pulley J to the left hand of the track wire C, the lower run of the rope is drawn downward to swing the arm F inward and the hook D upward. While in this po- 60 sition and while the upper and lower runs of the rope are kept taut, by drawing the rope in a direction the reverse to that indicated by the arrow, the pulley will be removed from beneath the hook. The rope then may be 65 slackened which will allow the hook to drop into its normal position.

Having thus fully described the nature and object of my invention, what I claim is—

In combination, a support A having a projecting arm B provided at its forward end 70 with a groove *b* a latch pivoted to said arm and having one of its ends formed into an underlying hook which is to engage said groove, and its other end with a looped arm 75 extension in which is journaled a sheave, substantially as herein described.

In testimony whereof I have hereunto set my hand this 25th day of January, A. D. 1894.

JUDSON D. SWACICK.

Witnesses:

W. K. MILLER,

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