(No Model.)

# J. NEY.

## HAY FORK.

No. 306,095. Patented Oct. 7, 1884.

Fig. 1.

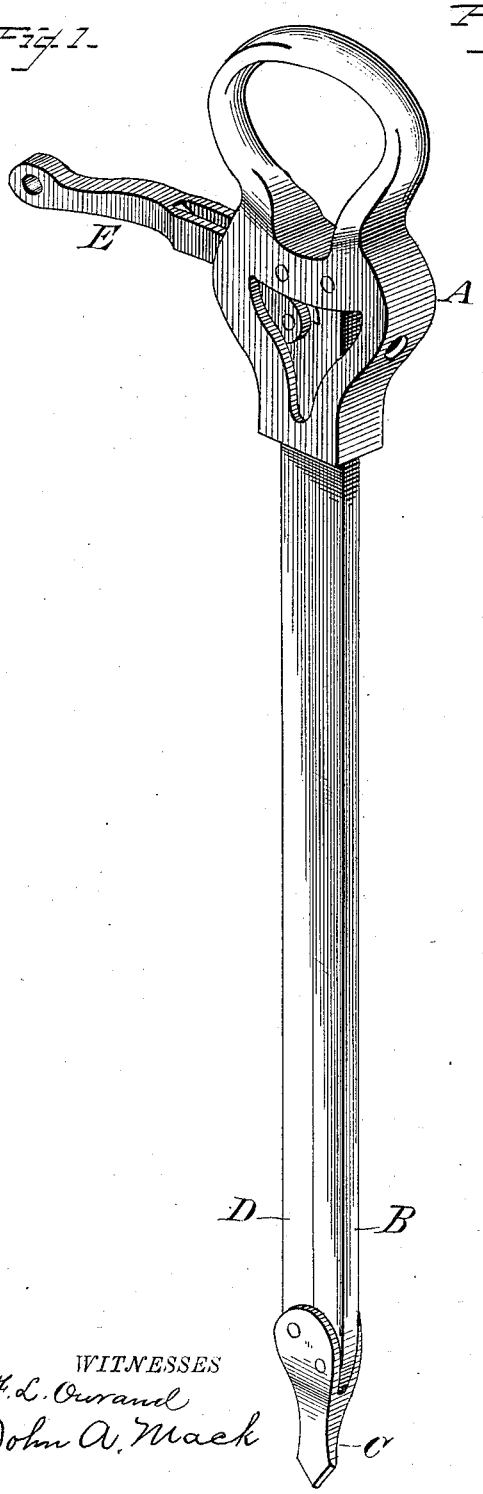
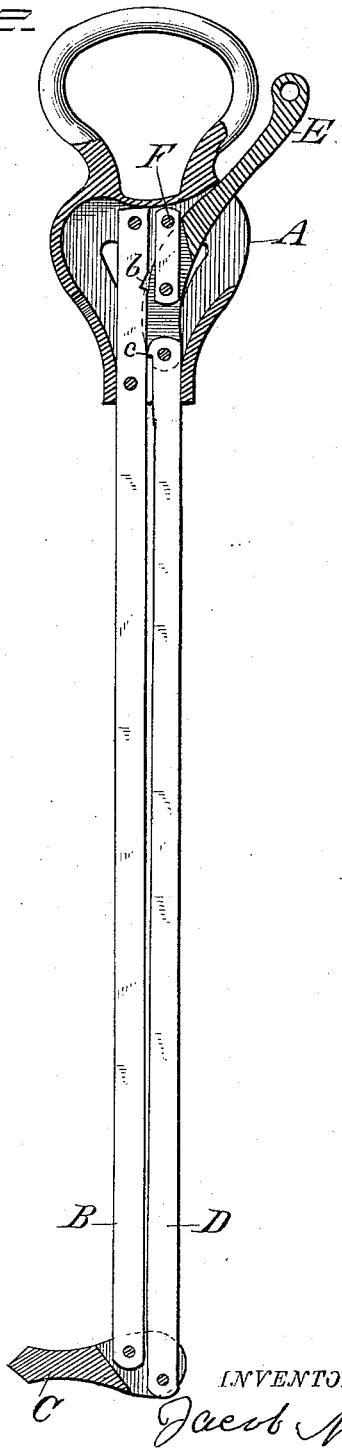



Fig. 2.




WITNESSES

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## HAY-FORK.

SPECIFICATION forming part of Letters Patent No. 306,095, dated October 7, 1884.

Application filed October 15, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB NEY, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Hay-Forks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

In the accompanying drawings, Figure 1 is a perspective view showing the parts in position to enter a body of hay or other substance. Fig. 2 is a side view, partly in section, showing the fork reversed from the position shown in Fig. 1, and the parts in position to elevate a load of hay.

The object of this invention is to provide a fork which shall be simple in its construction, easily operated, and at the same time will be adapted for the purpose for which it is designed, and its nature is in the construction and combination hereinafter particularly described, and set forth in the claim.

In the drawings, the letter A designates a head of the form shown, the top or upper portion thereof being formed so that the elevating rope or chain may be easily attached to the head. To this head there is attached, preferably by rivets or bolts, a bar, B, as shown in Fig. 2. To the lower end of the bar B there is pivoted the spear-pointed finger C, and to the heel of this finger is pivoted the bar D.

The portion of the bar B within the head A is formed with a notch, *b*, which is for the purpose of receiving a projection, *c*, on the bar D, thereby to hold the bar D and finger C in the position shown in Fig. 1. To the upper end of bar D there is pivoted a curved lever, E, which is fulcrumed on the link F, pivoted on the head A, the lever being preferably bifurcated, so as to provide a more substantial means for connection with the bar D and link F. The lever E is for the purpose of operating the finger C through bar D.

The parts are locked in the position shown in Fig. 2 by raising the lever E so as to bring the three pivotal points beyond the center.

In use the finger C is placed in the position shown in Fig. 1 and thrust into a body of hay or other substance. After the fork has fully entered the hay, the finger C is placed in the position shown in Fig. 2, and locked so as to hold the load while the fork is raised. After the fork has reached the place of deposit the load is released by a downward movement of the lever E by means of a trip rope or chain.

Having thus described my invention, what I claim is—

The combination of the hollow head, the bar rigidly secured to said head and formed with the notch in the portion within the head, the link pivoted to the inside of the head, the lever fulcrumed to said link, the movable bar pivoted to the lower end of said lever, and formed with the lug adapted to fit into the notch in the immovable bar, and the finger pivoted to the lower end of both bars, the finger being locked in line with the bars by the lug of one bar engaging with the notch in the other bar, and locked at an angle to said bars by raising the lever to throw the pivotal points beyond the center, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in presence of two witnesses.

JACOB NEY.

Witnesses:
FRED W. BOND,
A. J. TROUT.