

J. DRINKWATER.
Horse Hay-Fork.

No. 79,328.

Patented June 30, 1868.

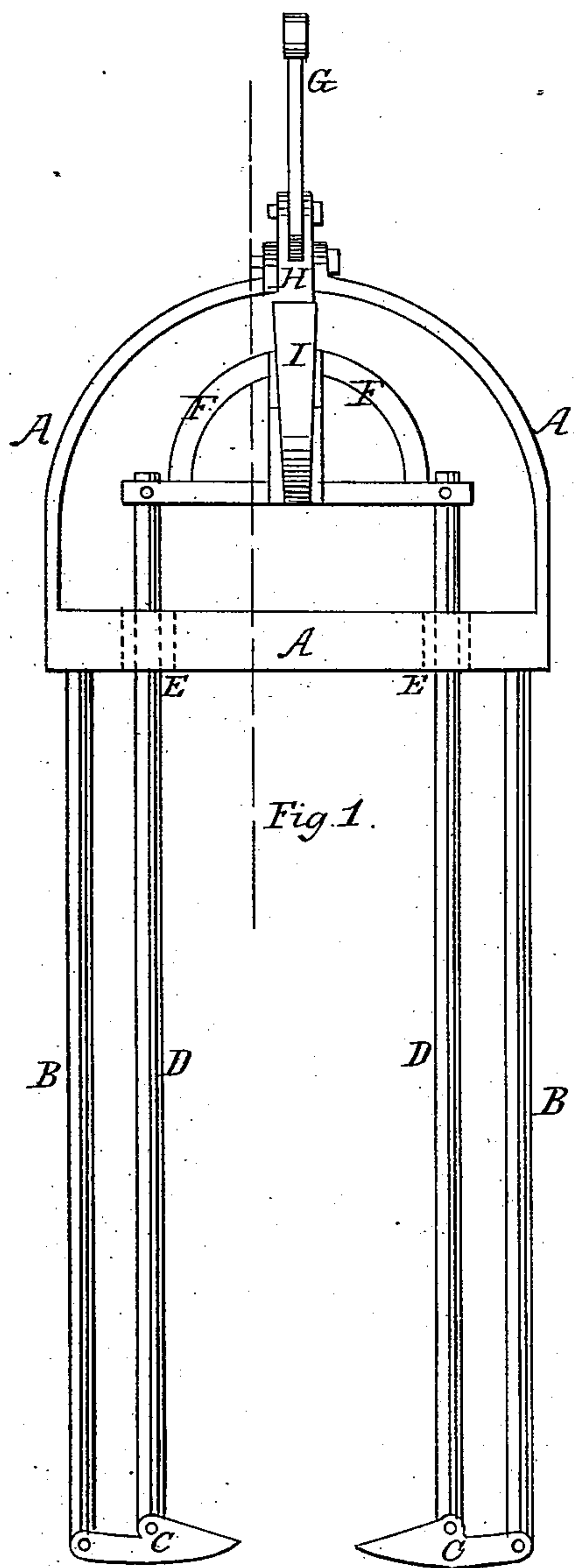


Fig. 1.

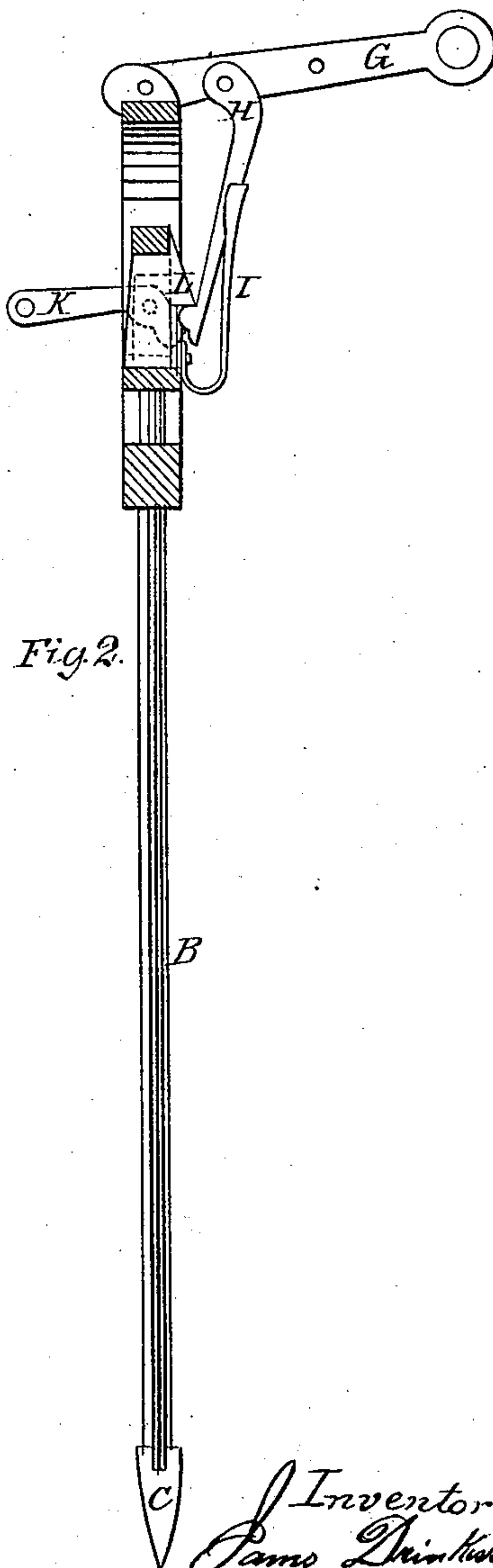


Fig. 2.

Witnesses,
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Seaford, Del.

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per *Alexander J. Mason*,
Attys.

United States Patent Office.

JAMES DRINKWATER, OF ADAMS, OHIO.

Letters Patent No. 79,328, dated June 30, 1868.

IMPROVEMENT IN HORSE HAY-FORKS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES DRINKWATER, of Adams, in the county of Seneca, and in the State of Ohio, have invented certain new and useful Improvements in Horse Hay-Forks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being made to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, forming part of this specification—

Figure 1 is a front view, and

Figure 2 is a side view of my invention.

A represents the outside frame of the hay-fork, to which are fastened two stationary rods, B B. At the ends of these rods, hooks or teeth C C are hinged, which are worked by means of movable rods D D, passing through the cross-bar of the frame A, at the places marked E E, to an inside frame, F. On the side of this inner frame F is a spring, I, which holds a latch, H, into the notch L, cut for it. The latch H is fastened to a movable handle, G, on top of the outside frame A.

The movable rods D extended, form, with the stationary rods B and teeth C, the tines of the fork, which is operated as follows: To enter the hay, throw the handle G down, which extends the rods D; then pull up, and the inside frame F, with the rods D, will be raised so that the hay catches on the teeth C.

To drop the hay, pull the trigger K, which is fastened on the opposite side of frame F from the spring I. This will press the latch H out from the notch L, thereby causing the whole inside frame, F, to fall, extending the teeth C by means of the rods D.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the handle G, latch H, spring I, notch L, and trigger K, with the hay-fork, as herein described, for operating substantially as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 8th day of April, 1868.

JAMES DRINKWATER.

Witnesses:

R. ATKINS,

HENRY GROSS.