

United States Patent Office.

ABNER L. BAUSMAN, OF MINNEAPOLIS, MINNESOTA.

Letters Patent No. 108,093, dated October 11, 1870.

IMPROVEMENT IN POTATO-DIGGERS.

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, ABNER L. BAUSMAN, of Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and valuable Improvement in Potato-Diggers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of the method of arranging the prongs of my potato-digger.

Figure 2 is a side view of my invention.

Figure 3 is a perspective view of the same.

My invention relates to means for taking potatoes from the hills, and consists, mainly in the construction and novel arrangement of the combined fork and riddle described below.

The letter A of the drawing designates the handle of my potato-digger. An iron ring, *a*, is secured around it, near the fork, and to this ring is pivoted the prop or pendent fulcrum C, provided with a transverse bar, *a'*, at its lower end, to secure a steady support when the fork is loaded.

D represents a bar of malleable iron, bent into the form of a hook, and secured into the end of the handle by means of a thimble.

Rods of steel, pointed at both ends, are welded in the center between the shank and hook of the bar D. The ends of the rods are bent forward to form the prongs *e* of the fork.

It is evident, from the method of manufacture, that my fork must always have an even number of prongs.

Welded in a similar manner to the end of the bent bar D is the guard or rail-bar *h*. This guard is also attached to the ends of the two outer prongs of the fork, and serves to prevent the potatoes from falling off at the sides during the shaking operation.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement and combination of the bent wires *e e*, each forming two tines of the potato-digger, the guard-rail *h*, clamp D, and pendent fulcrum C, having the broad foot *a'*, when constructed to operate substantially as shown and described.

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

ABNER L. BAUSMAN.

Witnesses;

FRED BRACKETT,

G. F. TOWNSEND.

S. BEBOUT.
HORSE HAY FORK.

No. 108,094.

Patented Oct. 11, 1870.

Fig. 3.

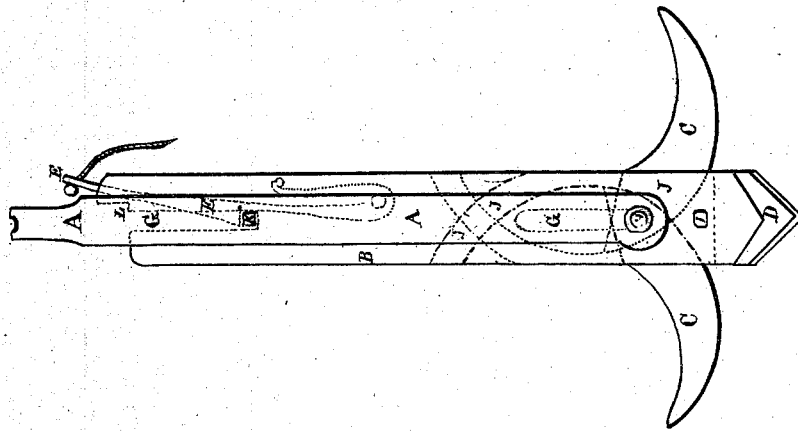


Fig. 2.

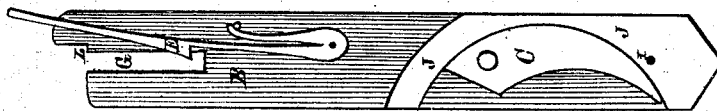
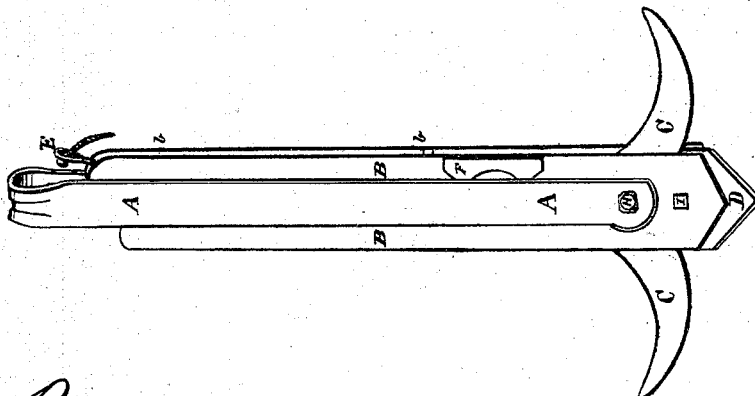


Fig. 1.



Attest:
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