D. LUMBERT.

Cranberry-Pickers.

No. 199,728. Patented Jan. 29, 1878.

Fig. I.

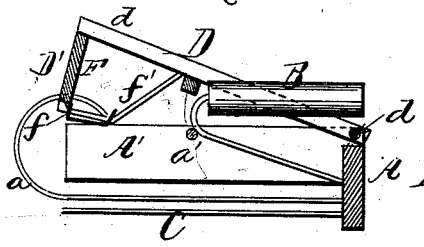


Fig. II.

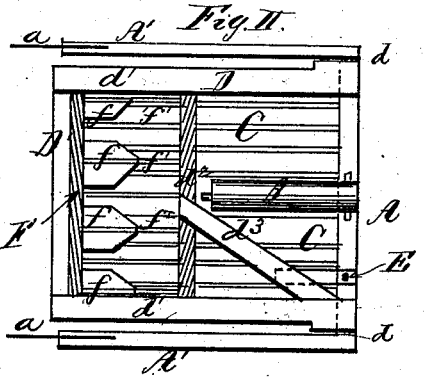


Fig. III.

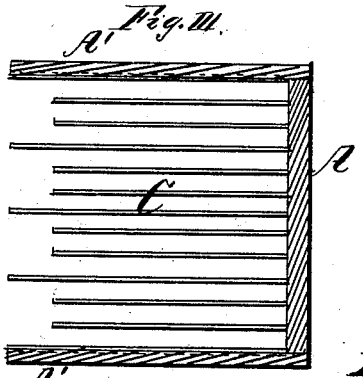


Fig. IV.

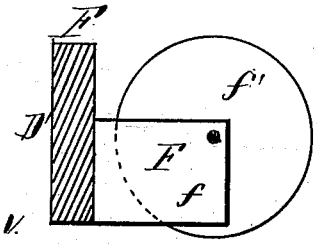
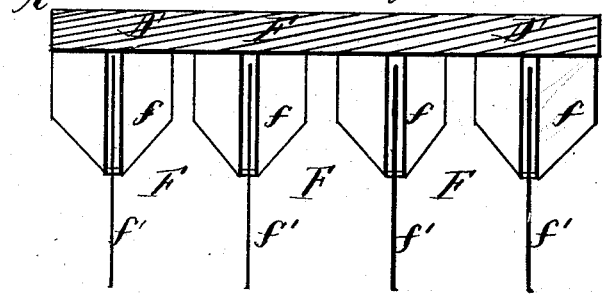


Fig. V.



Witnesses:

Inventor:

Daniel Lumbert

Per: Henry Gerner

Atty

UNITED STATES PATENT OFFICE.

DANIEL LUMBERT, OF MARSTON'S MILLS, MASSACHUSETTS.

IMPROVEMENT IN CRANBERRY-PICKERS.

Specification forming part of Letters Patent No. **199,728**, dated January 29, 1878; application filed August 15, 1877.

To all whom it may concern:

Be it known that I, DANIEL LUMBERT, of Marston's Mills, in the county of Barnstable and State of Massachusetts, have invented a new and useful Improvement in Cranberry-Pickers, of which the following is a full and clear description.

This invention has for its object the construction of a machine for picking cranberries from the vines; and the details of the machine will be fully described in the accompanying specification, which will be clearly understood by reference to the accompanying drawings, of which—

Figure 1 is a sectional elevation of the machine. Fig. 2 is a general plan of the same. Fig. 3 is a sectional plan of the machine, showing the bottom part of the same. Fig. 4 is a sectional elevation of a detachable front part of the machine. Fig. 5 is a general plan of the parts shown in Fig. 4.

The machine consists of movable or working parts and a fixed frame formed of a transverse beam, A, and two side beams, A′, with a metal brace, *a*, and a cross-bar or transverse support, *a′*. A handle, B, is fixed in some suitable manner to the frame A, so that by it the whole machine may be carried by the operator. To the bottom part of the beam A are attached the long rod-like teeth C, which project forward parallel with the bottoms of the side beams A′, and extend nearly or quite as far forward as the front ends of the said side beams. These rods or teeth should, however, be of unequal length, some of them being an inch, more or less, longer or shorter than their adjacent fellows. A hinged frame, D, is pivoted to the frame A A′ by means of the pivot-pins *d*, and a spring, E, fastened to the frame A A′, will press against the bottom of the frame D, so as to habitually press it up, as shown in Fig. 1.

The frame D consists of two side bars, d^1, with suitable connecting cross-bars d^2, and a thumb-piece or rest, d^3, which will be placed conveniently by the side of the handle B, so that when the operator holds the machine by the handle B he may conveniently place his thumb upon the rest d^3 and depress the frame D, with its connections, for the purpose hereinafter described.

The front end of the frame D carries a cross-head, D′, to which are attached the pickers F. These pickers may be formed of thin metal plates or strippers *f*, with sloping rods *f′* attached thereto, as shown in Figs. 1 and 2, or revolving wheels *f′*, as shown in Figs. 4 and 5, the parts shown in Figs. 4 and 5 being the equivalents of those shown in Figs. 1 and 2.

In the operation of the machine, it will be taken in the right hand, with the fingers grasping the handle B and the thumb resting upon the rest d^3. Then press the machine forward and down upon the vines, and the berries will pass up above the rods or teeth C, while the said teeth will press the vines down. Then depress with the thumb the frame D D′ and draw the machine back, when the cutters or strippers *f* will pull off the berries, sound and clean, the dividers (rods or wheels) *f′* and the teeth C serving meanwhile to hold the vines down and free from the strippers. The machine will then be raised up, with the berries in the front end, and from thence they may be emptied out into the receptacle prepared for them, and then a new lot picked, as before.

Having described my invention, I claim—

The frame A A′, with its toothed bottom C, the spring E, and the movable frame D D′, with its strippers *f*, constructed and arranged as and for the purpose set forth.

DANIEL LUMBERT.

Witnesses:

F. G. KELLEY,

SAMUEL SNOW.