

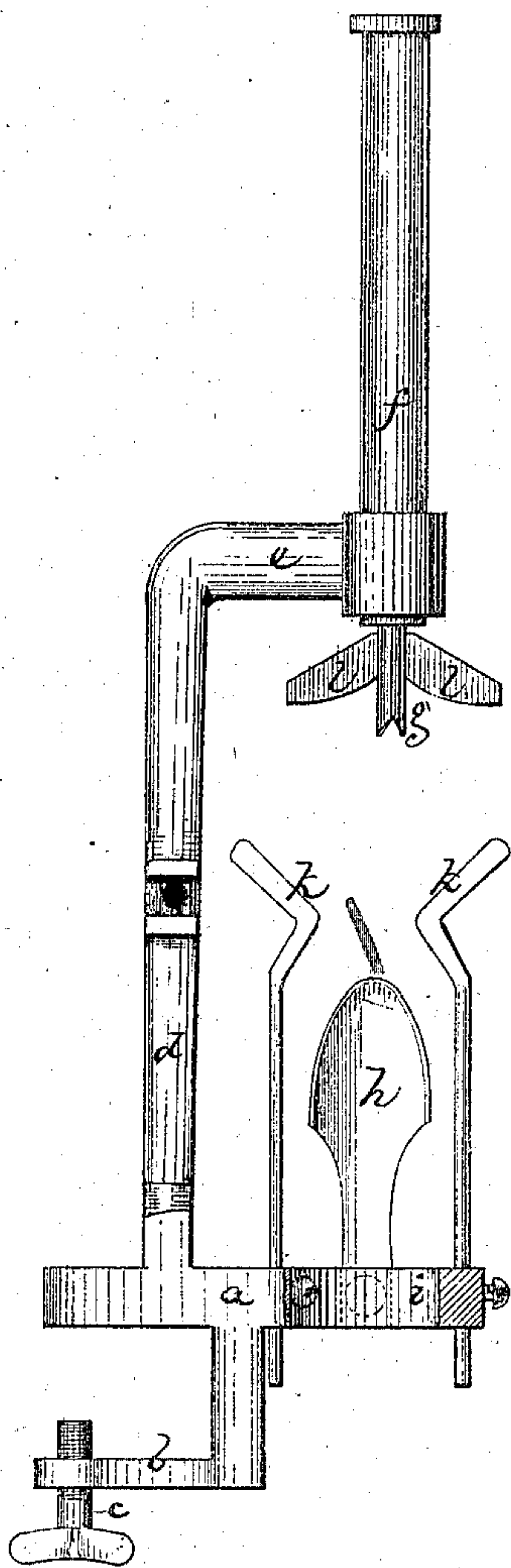
W. D. HATCH.

Peach-Stoners.

No. 133,855.

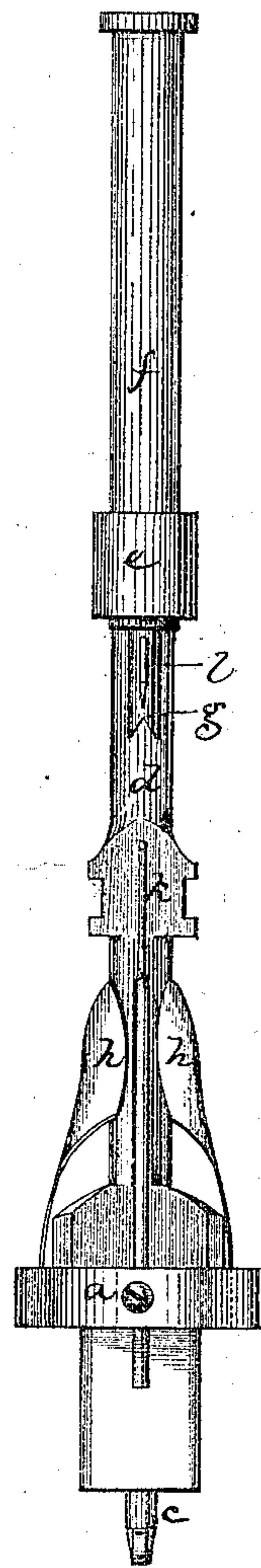
Patented Dec. 10, 1872.

Fig. 1.



Witnesses.
M. W. Frothingham.
L. H. Granger.

Fig. 2.



Inventor
Warren D. Hatch,
By his Attys.
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UNITED STATES PATENT OFFICE.

WARREN D. HATCH, OF ANTRIM, NEW HAMPSHIRE, ASSIGNOR TO D. H. GOODELL, OF SAME PLACE.

IMPROVEMENT IN PEACH-STONERS.

Specification forming part of Letters Patent No. 133,855, dated December 10, 1872.

To all whom it may concern:

Be it known that I, WARREN D. HATCH, of Antrim, in the county of Hillsborough and State of New Hampshire, have invented a Peach-Stoner; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The invention relates to the construction of a machine by which a peach may be freed from its stone or pit by pushing the stone through one end of the fruit, the pushing instrument entering the opposite end, the peach being held by suitable means while the stone-removing device enters the peach and thrusts out the stone. My invention consists, primarily, in a machine by which a peach is thus stoned. In connection with the provision for removing the stone, there may also be a provision for splitting, dividing, or halving the peach, and the drawing represents a machine having both provisions.

Figure 1 shows a side and sectional view of the machine. Fig. 2 is a front view of it.

a denotes a bed-plate, which may be provided with an arm, *b*, and a clamp-screw, *c*, for attaching the machine to a table. From the bed-plate *a* rises an upright or post, *d*, having an arm, *e*, in which is a bearing for a slide-rod or plunger, *f*, having at its foot a fork or pusher, *g*. The bed-plate also has extending up from it springs or prongs *h*, upon the tops of which the peach to be stoned is placed, preferably with the stem-end of the peach toward the prongs.

The prongs or springs may be made spoon-shaped, as seen in the drawing, or of any other suitable form.

The peach being laid or held upon the springs or prongs with the stem-end down and the blossom-end toward the plunger, the plunger is forced down, (either by direct application of the hand to the plunger or by a lever,) bringing the pin or pusher *g* against the peach, and by continued pressure the pin enters the peach, the prongs at its end straddle the edge of the stone, and the stone is pushed through the stem-end, falling down through a hole, *i*, in the bed-plate *a* into any convenient receptacle placed beneath.

On each open side of the springs *h* a stationary knife, *k*, may be placed, and the plunger being also provided with two wing knives, *l l*, these knives will cut into the opposite ends of the peach and through it, splitting it into two halves, which fall down outside of the springs *h*.

By a machine thus constructed peaches may be very rapidly stoned, or stoned and halved.

I claim—

1. A peach-stoner, having, in combination with a device or devices for impaling the peach, a plunger having a fork, pin, or pusher for entering one end of the peach and driving the stone through its opposite end.

2. In combination with the springs and plunger, the stationary and movable cutters for splitting the peach, substantially as shown and described.

Executed this 27th day of September, A. D. 1872.

WARREN D. HATCH.

Witnesses:

M. A. GOODRICH,
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