

B. J. McFeely,

Apple Corer.

No. 107,794

Patented Sep. 27. 1870.

Fig. 1.

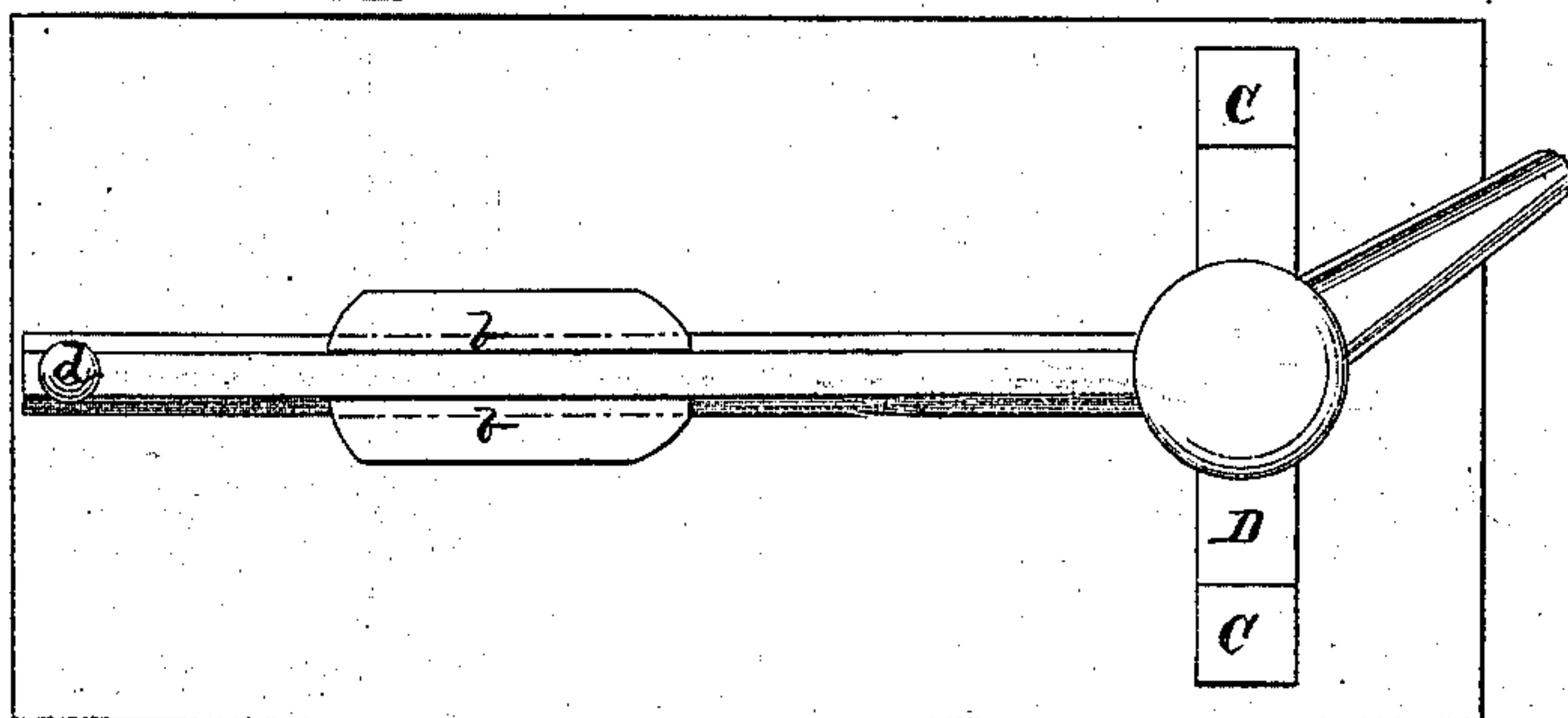


Fig. 2.

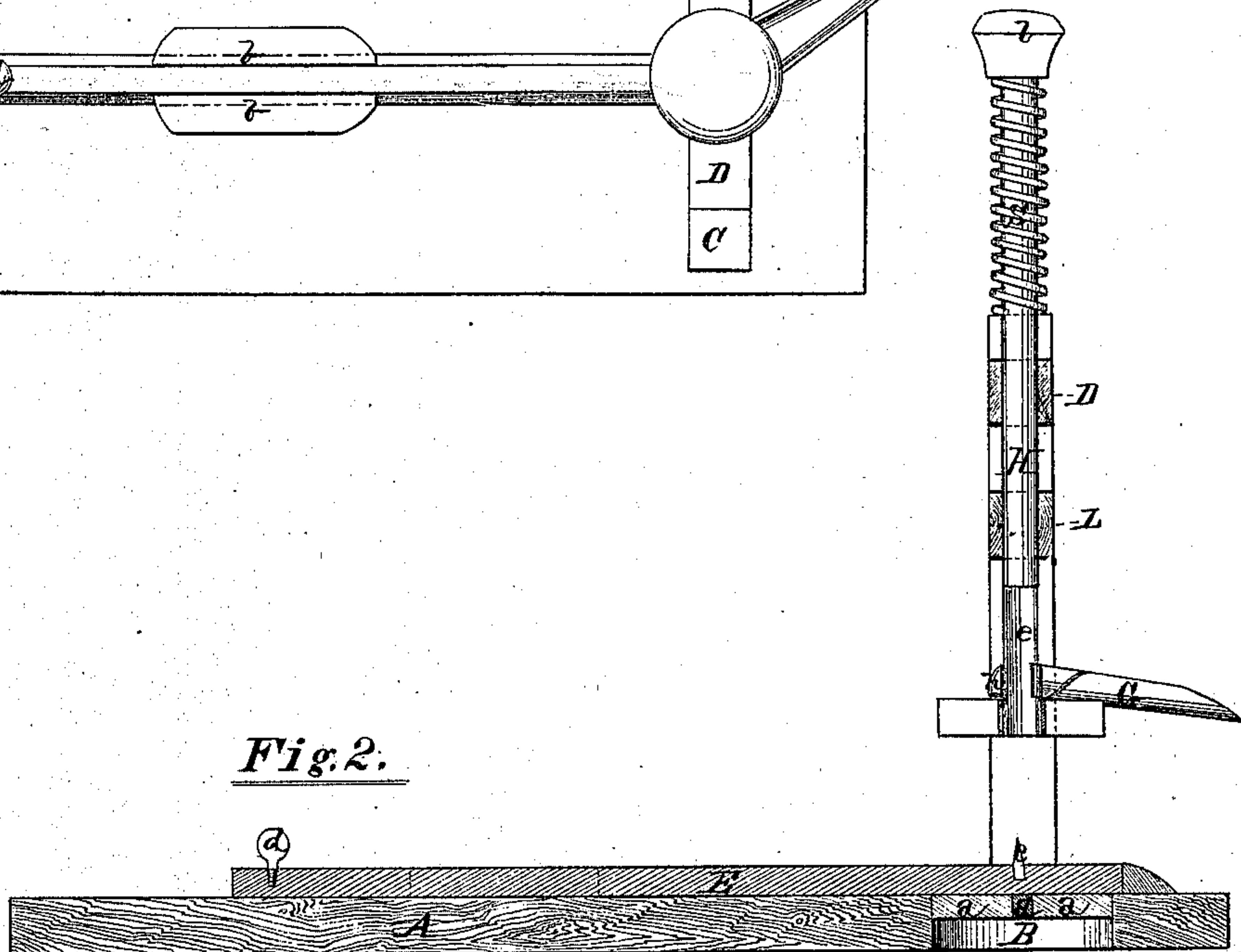
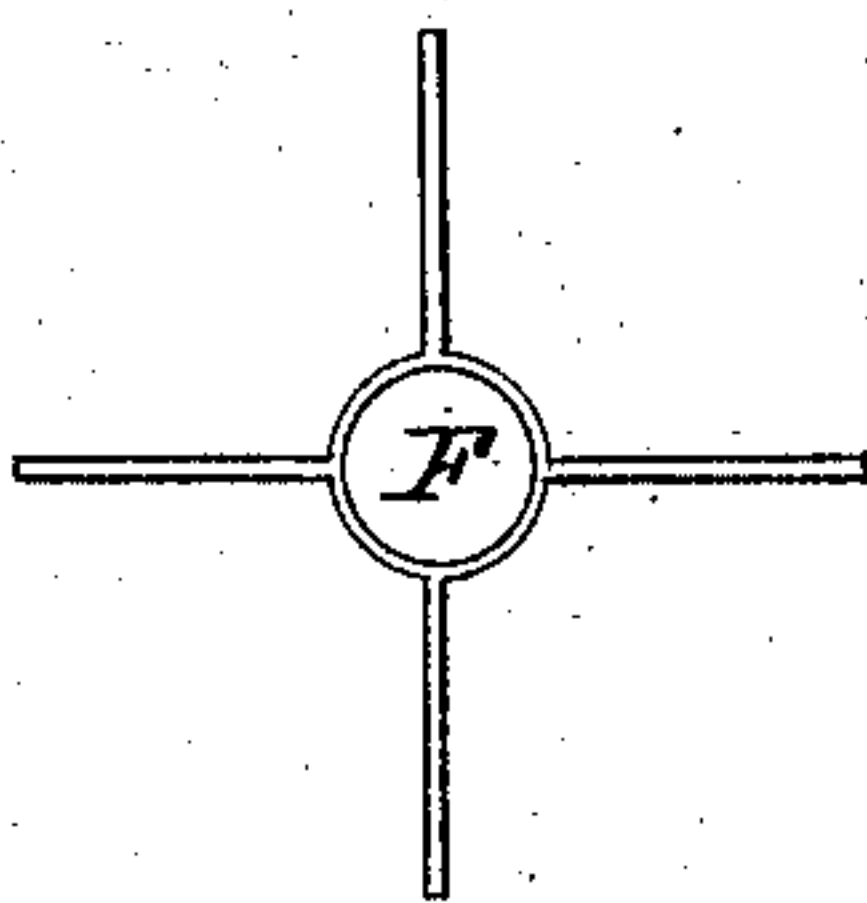


Fig. 3.



Witnesses.

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BERNARD J. McFEELY, OF CHESTNUT SPRINGS, PENNSYLVANIA.

Letters Patent No. 107,794, dated September 27, 1870.

IMPROVEMENT IN APPLE-CORERS AND QUARTERERS.

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, BERNARD J. McFEELY, of Chestnut Springs, in the county of Indiana and State of Pennsylvania, have invented a new and valuable Improvement in "Fruit-Corers;" 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 plan view of my invention.

Figure 2 is a longitudinal section of the same.

Figure 3 is a detail.

My invention relates to an improvement in devices for coring and quartering apples, and consists chiefly in the novel arrangement of the parts, whereby the vertical or hand-stamp pressure is enabled to be applied.

This little device is recommended by the simplicity of its construction and efficiency of its operation.

The letter A of the drawing represents a suitable bed-piece or platform, through which is cut the discharging aperture B.

From the board A, on each side of this aperture, rise the standards C C. These standards are firmly seated in the board A, and braced and connected by stout transverse bars, D D, through which passes the shaft of the cutter.

The aperture B is divided by cross-bars, *a a*, into quadrant spaces.

E represents a sliding bar, showing in cross-section

the dovetail form, and attached to the bed-board A by a dovetail groove, *b*.

This sliding-bar is provided at one end with a projecting pin, *c*, by means of which the apple is centered. Near the other end of the bar is a knob or handle, *d*.

E represents the cutter, made in the usual form, with radial blades extending outward from a central corer. This cutter is attached to the cutter-shaft by the side plates *e e*.

G represents a spout or guide-way, usually made of sheet metal, and secured about the side plates *e e* by means of a collared aperture, *h*, and arranged to slide up and down thereon.

H is the cutter-rod, terminating at its upper end in an expansion or knob, *i*, between which and the upper cross-bar D extends a coiled spring, *s*, embracing the rod H, and designed to keep the cutter up, except when in action.

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

The arrangement of the slide-bar E, provided with the centering-pin *c*, the cutter F, side plate *e*, sliding core-guide G, vertical pressure rod H, and spring *s*, substantially as shown and described.

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

B. J. McFEELY.

Witnesses:

JAS. E. NEASON,
WILLIAM M. JONES.