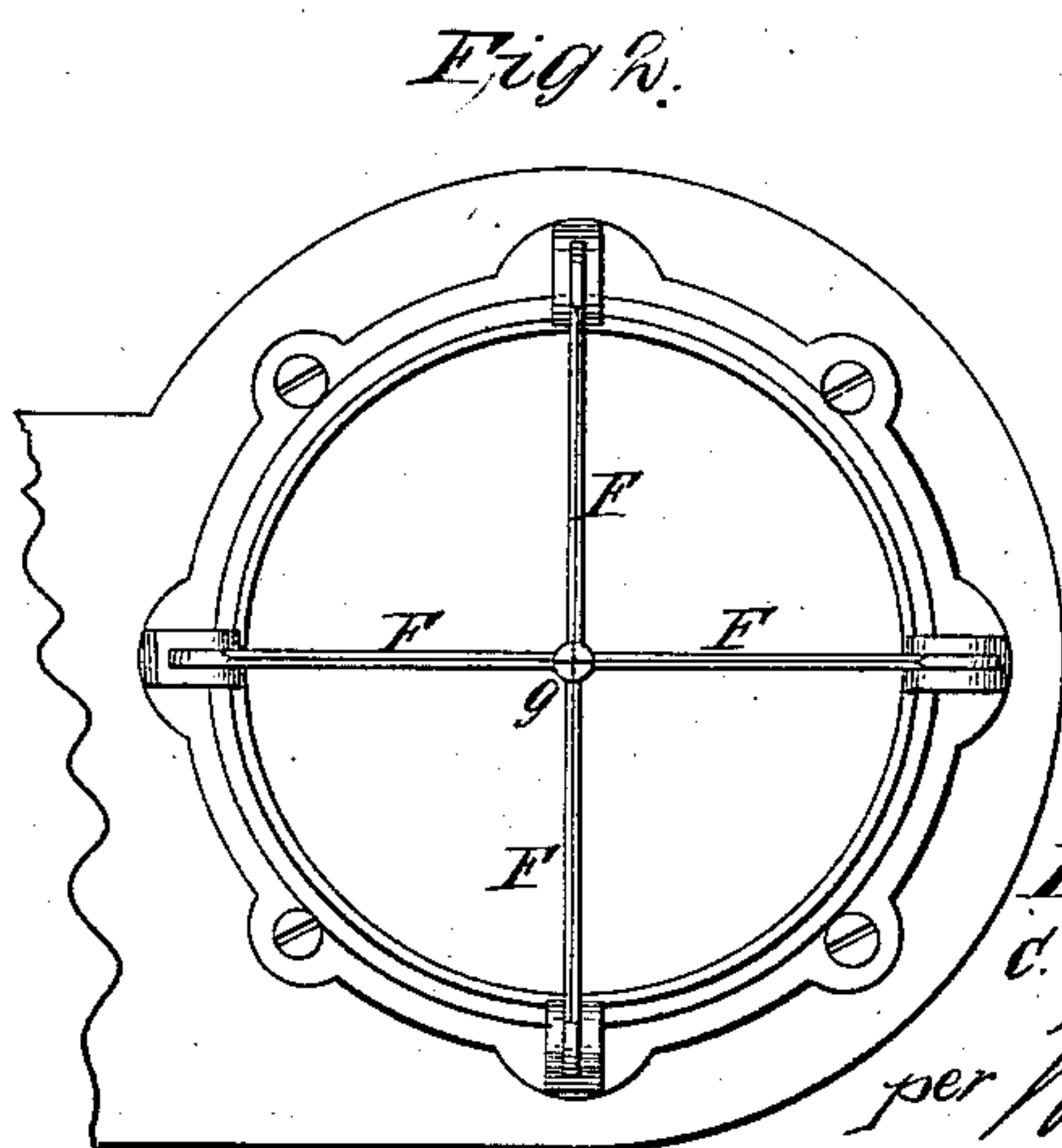
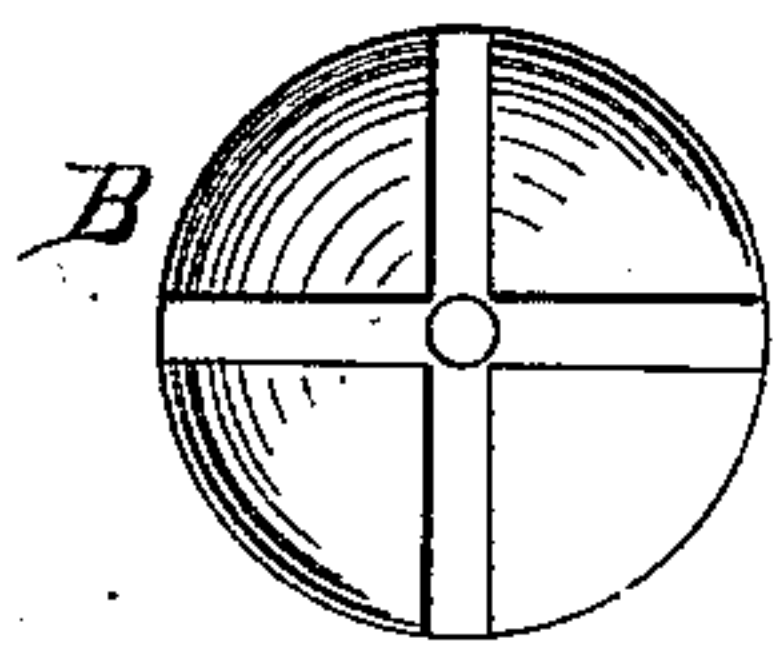
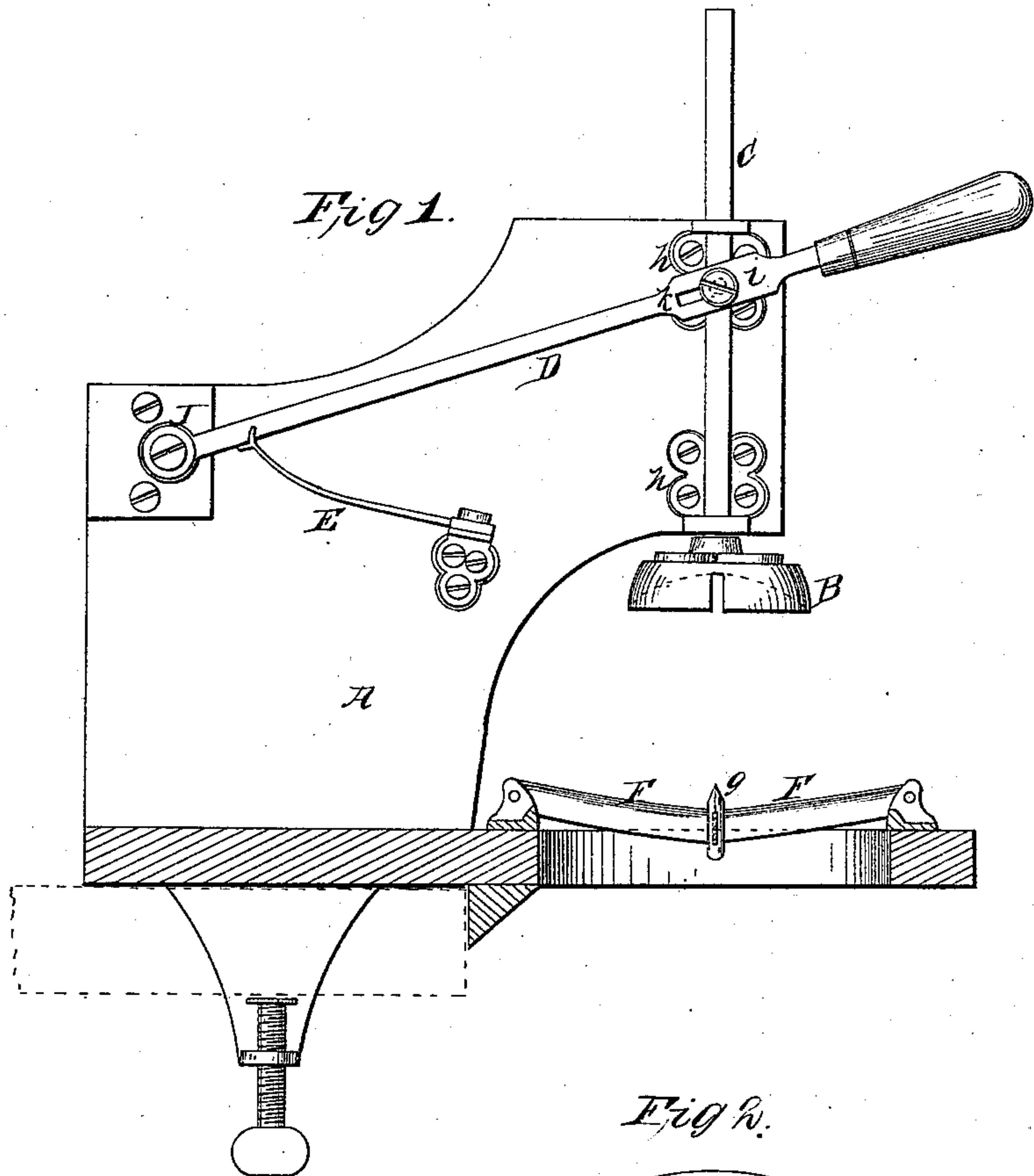


C. E. Billings,

Apple Cutter.

N^o 84,791.

Patented Dec. 8, 1868.



Witnesses.

Amos Morgan

Philip C. Dieterich

Inventor
C. E. Billings.

per *Wm. C.*
Attorneys.

UNITED STATES PATENT OFFICE.

CLARK E. BILLINGS, OF WARREN, VERMONT.

IMPROVED APPLE-QUARTERER.

Specification forming part of Letters Patent No. 84,791, dated December 8, 1868.

To all whom it may concern:

Be it known that I, CLARK E. BILLINGS, of Warren, in the county of Washington and State of Vermont have invented a new and Improved Machine for Quartering Apples; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improved machine for quartering apples in the process of preparing them for drying, cooking, or other purposes; and the invention consists in the arrangement of parts, as hereinafter described.

Figure 1 represents a side elevation of the machine, partly in section. Fig. 2 is a top or plan view of the knives. Fig. 3 is a detailed view of the bottom side of the plunger.

Similar letters of reference indicate corresponding parts.

A represents the frame or stand to which the operating parts of the machine are attached. B is the plunger. C is the plunger-rod. D is the lever. E is the spring. F represents the knives.

The knives are placed in nearly a horizontal position, and are properly secured to the bed of the machine. The knives are four in number, standing at right angles with each other, as seen in the drawing, and attached to a center-piece, which piece forms a central point, *g*. The knives may be made in two parts, so as

to lock together either with or without a central point.

The plunger-rod is secured to the frame in a vertical position by the clips *h h*. The lever D is connected with the rod by a pin, *i*, and its fulcrum is at J. The lever has a slot, *k*. The lever, in its motion up and down, describes an arc of a circle, which the slot *k* provides for, and allows the lever to work on the pin *i* without strain or unnecessary friction.

The plunger B is made somewhat conical, as indicated by the dotted line, for the purpose of inclosing and holding the apple steady.

When the plunger B has been pressed down by the lever the spring E serves, by its recoil, to throw it up to the position seen in the drawing.

The apple is laid with its center upon the central point *g*, when the wooden plunger is forced down onto it, driving the quarters of the apple down through and between the knives.

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

The arrangement herein described of the fixed knives F, placed at right angles to each other, and having the central point *g*, the plunger B, hollowed out upon its under side, the plunger-rod C, guides *h*, slotted lever D, pin *i*, spring E, and stand A, as herein set forth, for the purpose specified.

CLARK E. BILLINGS.

Witnesses:

GEORGE GOODRICH,
M. B. EATON.