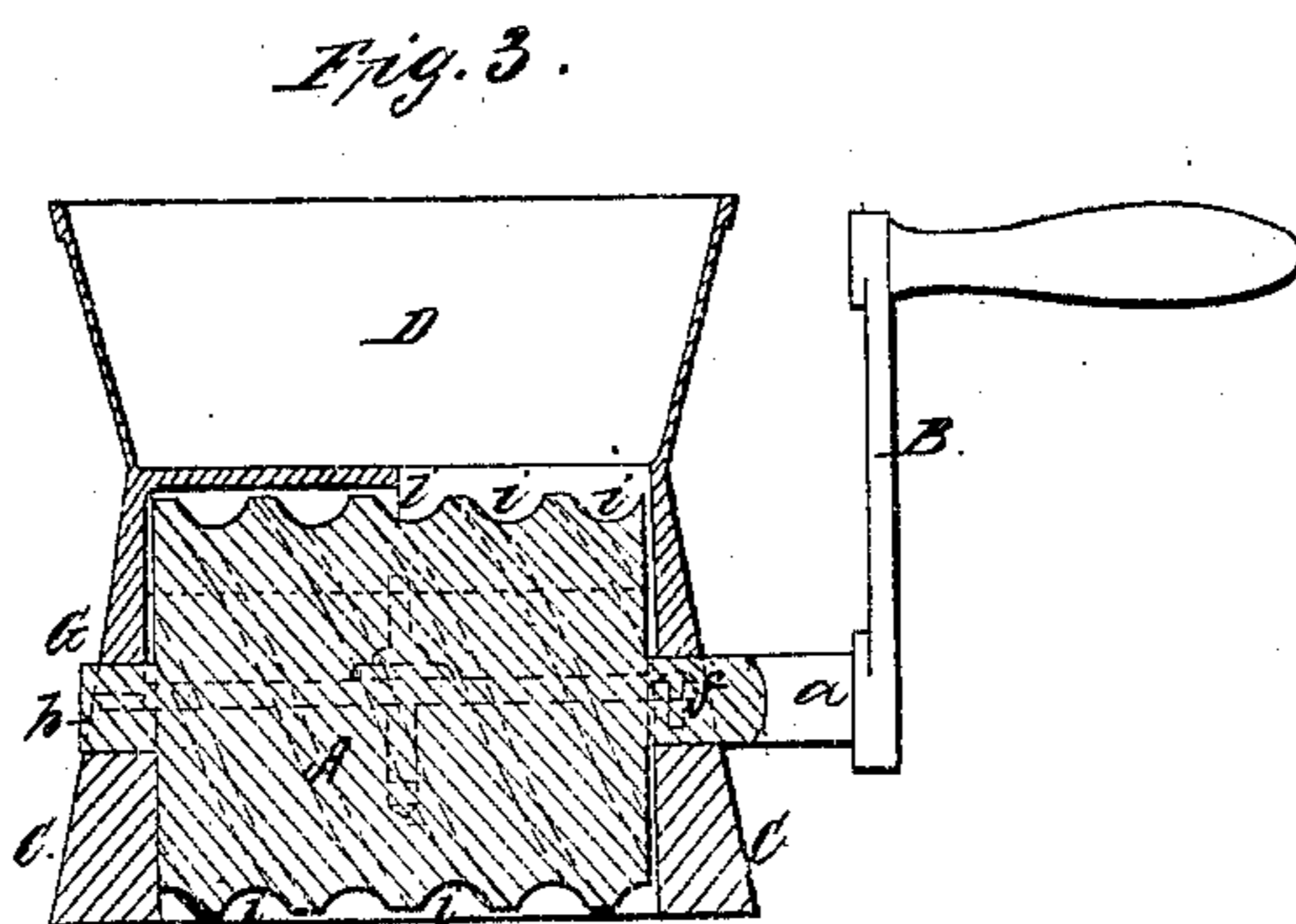
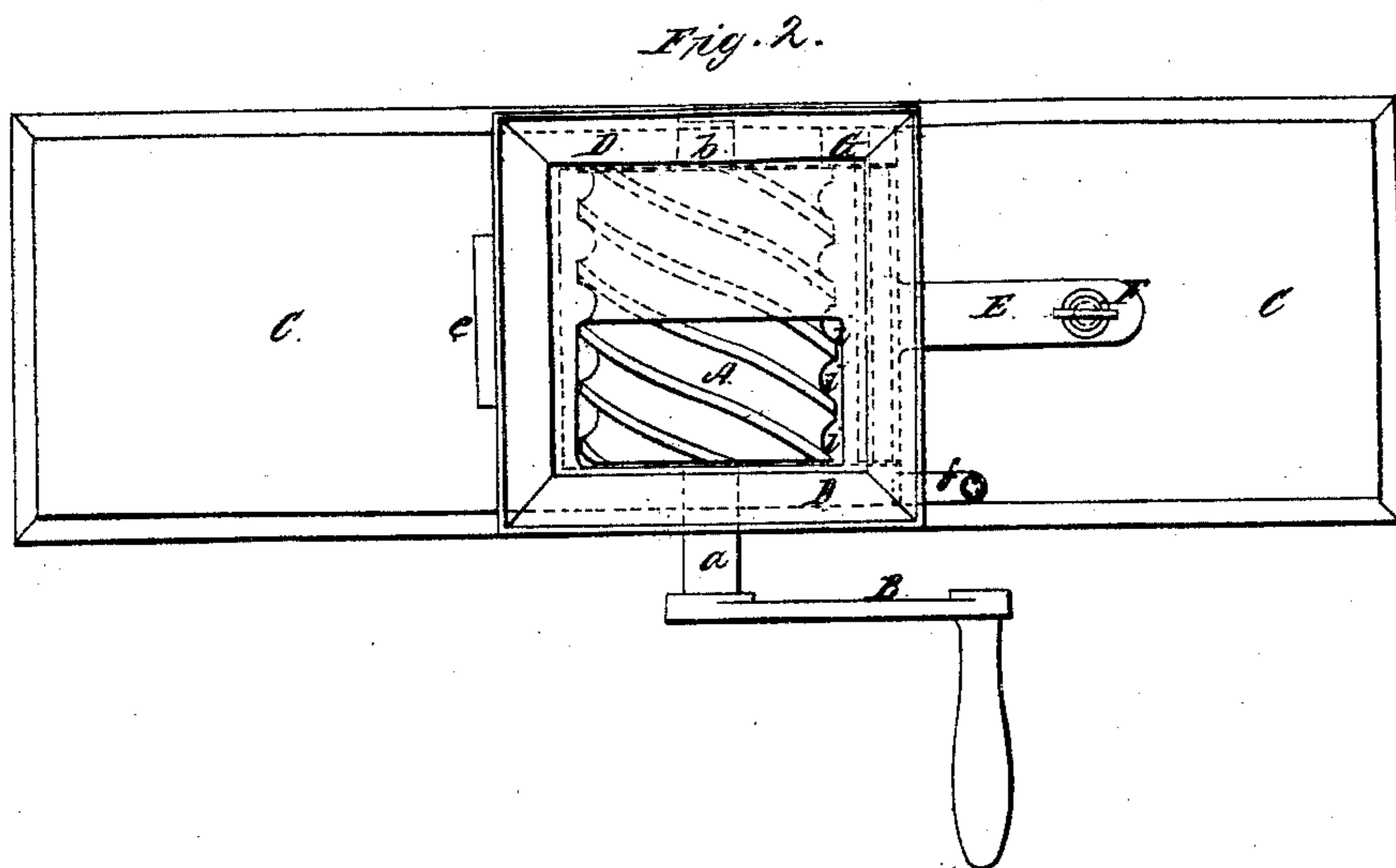
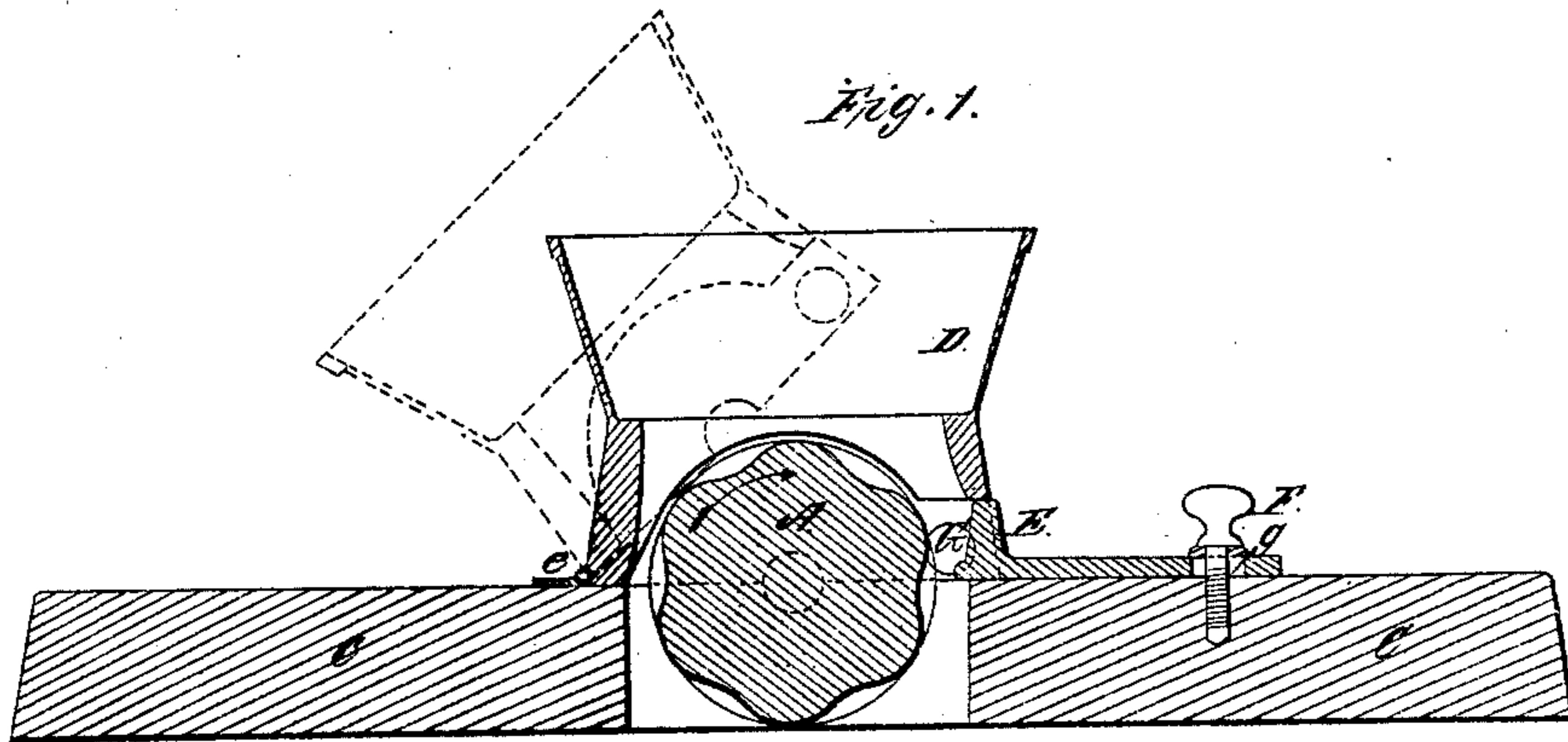


E. C. Custer,

Cherry Stoner,

Nº 24,856

Patented July 26, 1859.



Witnesses:
Theodore Bergner
Alfred Martail

Inventor:
Edwin C. Custer

UNITED STATES PATENT OFFICE.

EDWIN C. CUSTER, OF EVANSBURG, PENNSYLVANIA.

MACHINE FOR STONING CHERRIES.

Specification of Letters Patent No. 24,856, dated July 26, 1859.

To all whom it may concern:

Be it known that I, EDWIN C. CUSTER, of Evansburg, county of Montgomery, and State of Pennsylvania, have invented a new and Improved Machine for Stoning Cherries; 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 accompanying drawings, making part of this specification, and in which the same letters of reference allude to similar parts throughout the several views.

Figure 1 is a longitudinal section of my improved machine for stoning cherries, Fig. 2 is a plan, and Fig. 3 is a transverse section of the same.

A is a spirally grooved cylinder, provided with journals *a* and *b*, of which the former is elongated to receive the driving crank B. The journals *a* and *b* have their bearings in the bed-piece C, while the sides of the hopper D, by being properly cut out at the bottom, serves as upper halves or caps to the same.

The hopper D is hinged to the bed piece C at *e* and at the opposite side locked and held down by the swivel catch *f*, which, when detached, allows the hopper to be readily tilted over (in the manner shown at Fig. 1 in dotted lines) whereupon the cylinder A can be easily removed for the purpose of cleaning. The hopper D is at one of its sides cut out to admit the T shaped stripping frame E. This is secured to the bed C by the thumb-screw F, which, passing through the slotted hole *g*, allows the face of E to be adjusted to the face and spiral grooves of A in the manner required for different sizes and qualities of cherries.

The operation of the machine is as follows: When the stripping plate E has been first of all set close enough to the face of cylinder A to prevent any downward passage of stones of the size contained in the cherries, from which the former are to be removed, the hopper D is filled with the cherries, and the cylinder A revolved by means of crank B in the direction of its arrow (Fig. 1). The cherries, which are by this means successively carried into the suddenly narrowing space between A and E, will burst and, following the motion of the cylinder A, pass the bottom point of E, whereupon they are free to fall into any convenient receptacle placed underneath, while the stones, being solid and too large to pass through the space, must horizontally follow the motion imparted to them by the spiral grooves *i i* until they are finally ejected through the aperture G in the side of hopper D.

Having now described the nature of my invention, I wish it to be understood that I do not desire to claim separately any of the parts forming my invention, all being well known devices and employed in various kinds of machinery; but

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

The described machine for stoning cherries, constructed in a manner substantially as specified, with its spirally grooved cylinder A and adjustable stripper E arranged and operating as set forth.

EDWIN C. CUSTER.

Witnesses:

THEODORE BERGNER,
ALEXR. MARTIN.