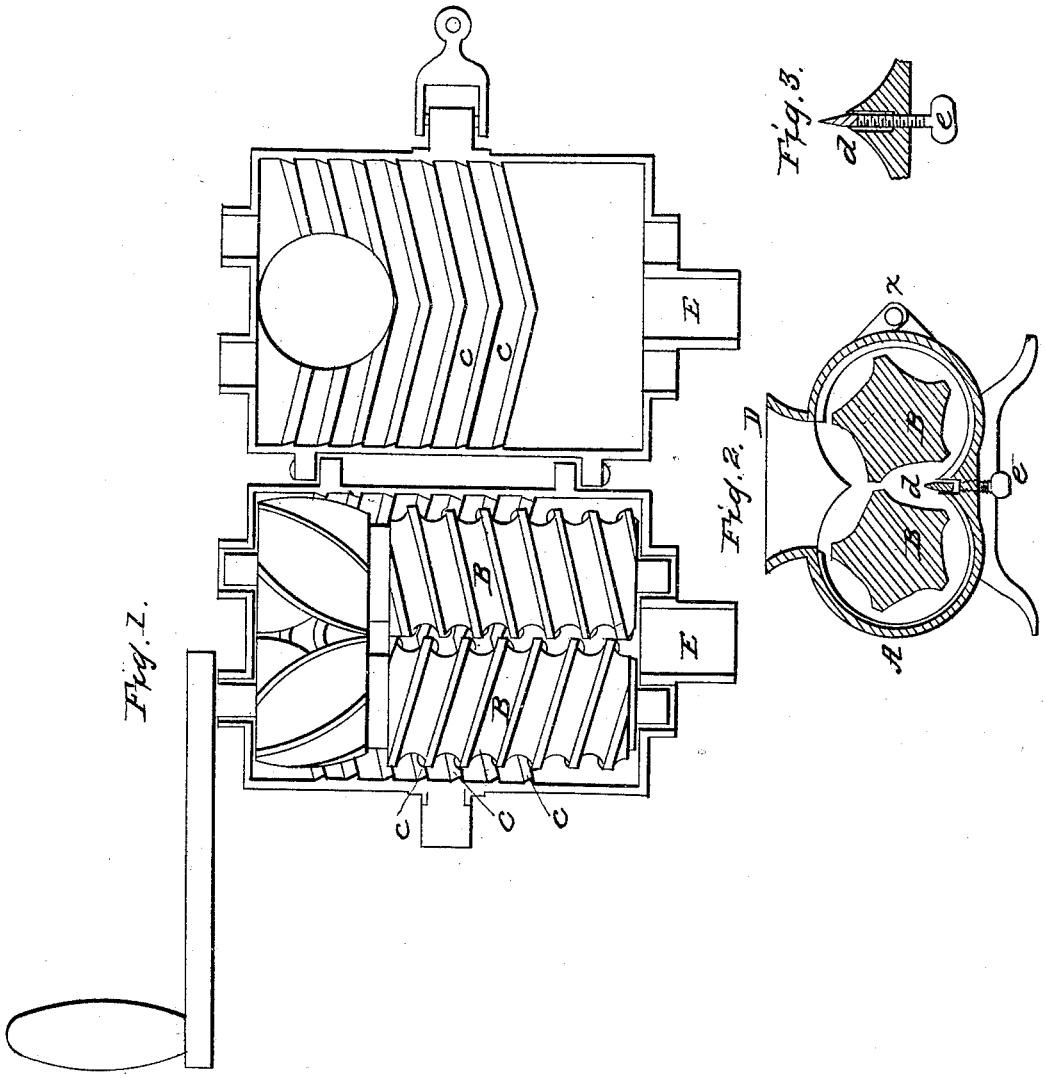
R. V. JONES.

Meat Cutter.

No. 49,762. Patented Sept. 5, 1865.



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UNITED STATES PATENT OFFICE.

ROBERT V. JONES, OF CANTON, OHIO.

MEAT-CUTTER.

Specification forming part of Letters Patent No. **49,762**, dated September 5, 1865.

To all whom it may concern:

Be it known that I, ROBERT V. JONES, of Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Meat-Cutting Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

In the annexed drawing, making part of this specification, A represents a metallic case, which is made in two parts, said parts being hinged together, as represented, cast in the shape shown in the drawing, and with ribs *c c c* on their internal surface. This case is also cast with journal-bearings to hold two shafts, which cylinders lie in and longitudinally of said case.

B B represent the shafts just spoken of, which are constructed differently. One of these shafts is provided for about two-thirds of its length with a right screw or thread, while the other shaft is provided the same distance with a left screw or thread. These threads work or mesh into each other similar to gear-wheels. Both of the shafts are provided the remaining one-third of their length with spiral flanges, as shown, the flanges fitting and working together as gearing.

d represents a knife, which is secured in a vertical position in the bottom of the case and between the two shafts, and extends from one end of the case to the other. About one-half of the knife has its cutting-edge in a series of V-shaped knives. The other portion of the knife has its edge straight. This knife is regulated as to height by means of a set-screw, *e*.

The case A has cast upon it a hopper, D, to receive the meat to be cut, and also a spout, E E, to discharge the meat through after it has been cut.

The great advantage to be derived from the employment of shafts constructed as these are is that the machine always keeps itself clean—one thread working into the other cleans it out thoroughly. When the meat is caught by the shafts it is forced through the machine, being creased by the ribs and cut by the knives in its passage.

One of the shafts B is provided with crank-handle, by means of which it is made to revolve. The other, working into it as gearing, of course revolves with it.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of two cylinders, both of which are provided with spiral flanges a portion of their length, and the one the balance of its length with a right screw or thread, the other with a left screw or thread, said two cylinders working together as and for the purpose herein specified.

2. The combination of two cylinders, B and C, constructed, as described, with a ribbed case, as and for the purpose herein specified.

ROBERT V. JONES.

Witnesses:

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