J. G. Perry.

Meat Cutter.

No. 88,666. Patented Apr. 6, 1869.

Fig: 1.

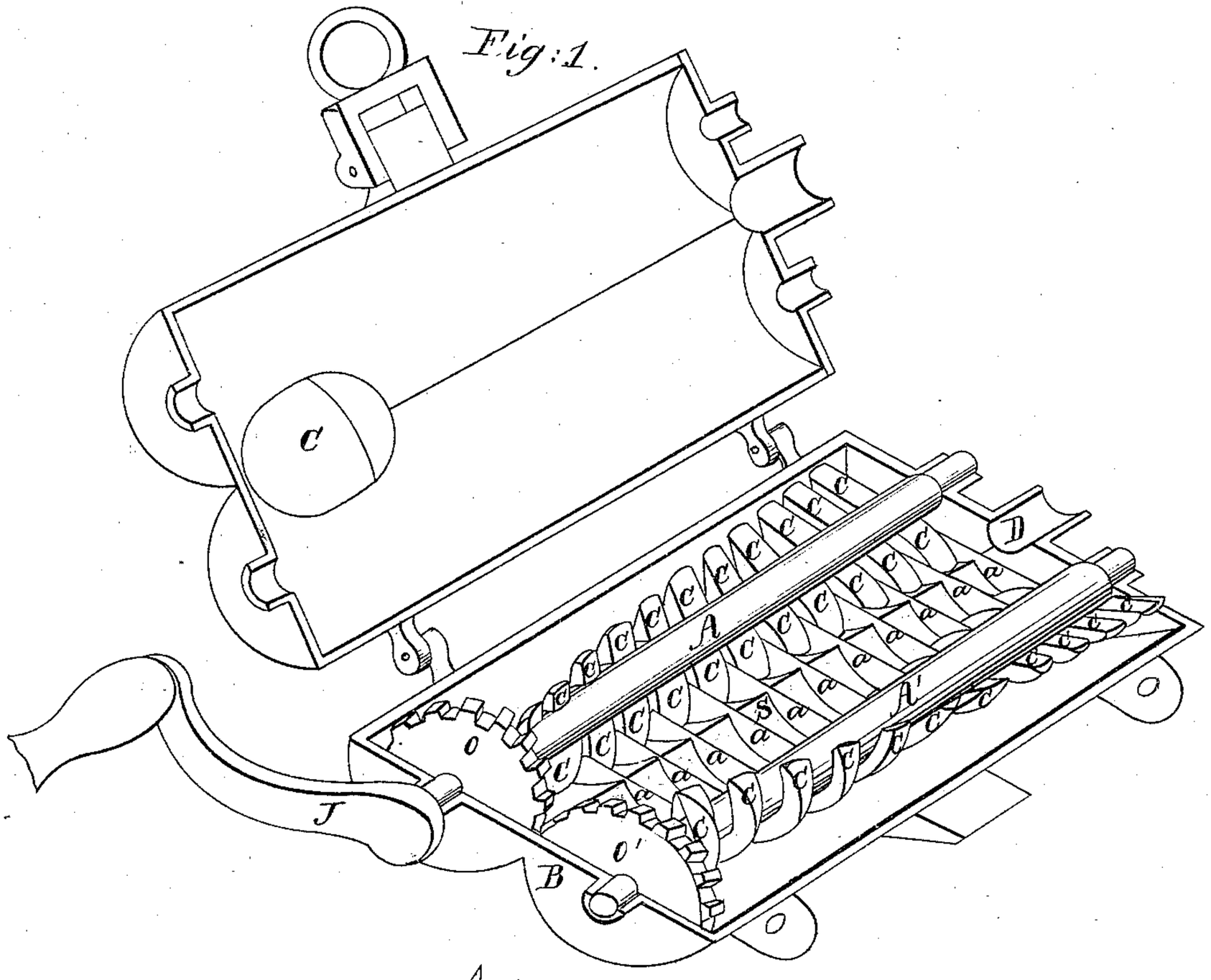


Fig: 2.

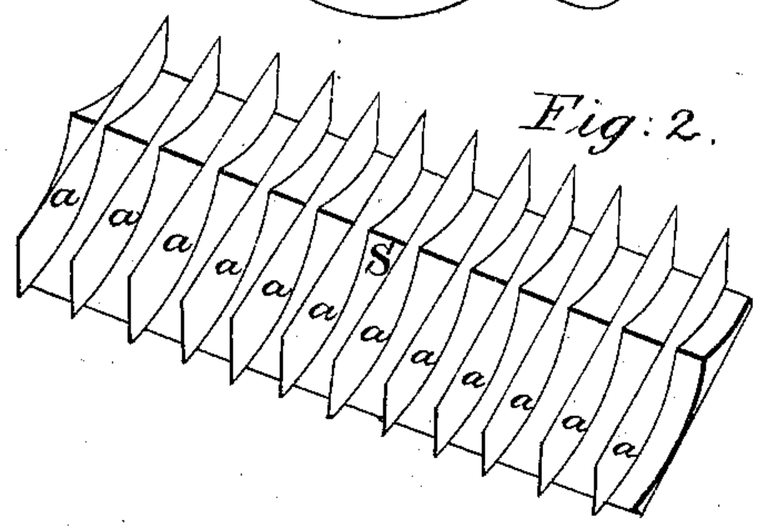
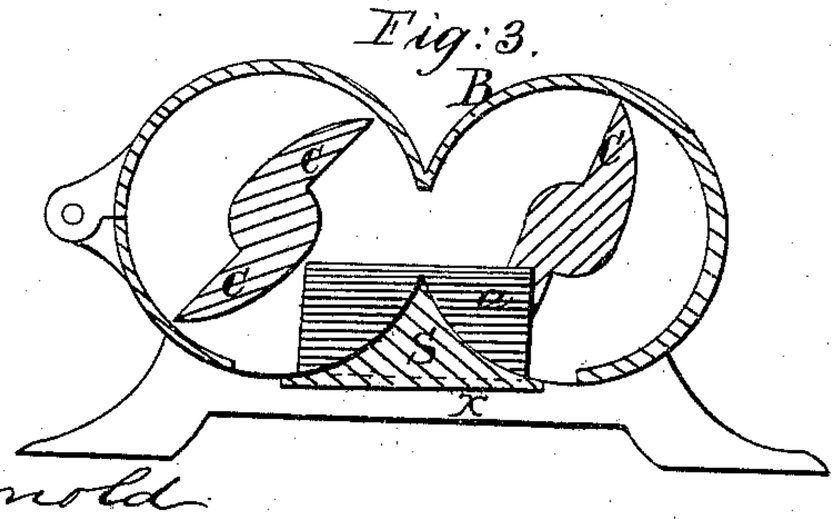


Fig: 3.



Witnesses;
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JOHN G. PERRY, OF KINGSTON, RHODE ISLAND.

Letters Patent No. 88,666, *dated April* 6, 1869.

IMPROVED MEAT-CUTTER.

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, JOHN G. PERRY, of Kingston, in the county of Washington, and State of Rhode Island, have invented certain new and useful Improvements in Meat-Cutters; and do hereby declare the following to be a full and correct description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters and numbers of reference marked thereon, similar letters and numbers being used in all the figures to denote the same part.

In these drawings—

Figure 1 is a perspective view of the machine open.

Figure 2 is a perspective view of the knives and knife-block.

Figure 3 is a vertical cross-section of the machine.

The construction is as follows:

B is a case of metal, made in the shape of two cylinders, placed side by side, and divided horizontally into two parts, which are hinged together.

The shafts A A′ are put in through the centres of the cylindrical parts of the case, and turn in bearings at each end.

A recess, *x*, is made in the bottom of the case B, in which is placed a block, S′, in which is cast a row of knives, *a a a*, placed crossways of the case.

c c c are studs, one or more spiral rows of which are cast solid to each of the shafts A A′, said studs corresponding in distance from each other with the knives *a a a* in the block S′.

These studs *c c* are so shaped, by bevelling out the slots between them, on the back, that they can be cast without the necessity of being separated with cutters afterwards, which saves much labor in making them.

o and *o′* are two gear-wheels, fastened on the shafts, at the end of the case, and meshing into each other, so that one shaft may drive the other.

C is an opening in the top, to feed the meat into the machine.

D is a discharging aperture in the other end of the case.

The mode of operating it is as follows:

The shafts being put in motion, by turning the crank J, the meat is fed in through the opening C, and is carried by the studs *c c c* down across the knives *a a a*, by which it is cut, or minced very fine, and, by the spiral position of the studs, is carried toward the other end of the case, where it passes out at the opening D.

Having thus described my meat-cutter,

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

The combination and arrangement of the knives *a a a*, cast solid in the block S, the shafts or cylinders A A′, each having one or more rows of studs thereon, the gear-wheels *o o′*, with the double cylinder case, substantially as and for the purpose specified.

JOHN G. PERRY.

Witnesses:

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