

J. G. PERRY.

Meat Cutter.

No. 39,243.

Patented July 14, 1863.

Fig. 1.

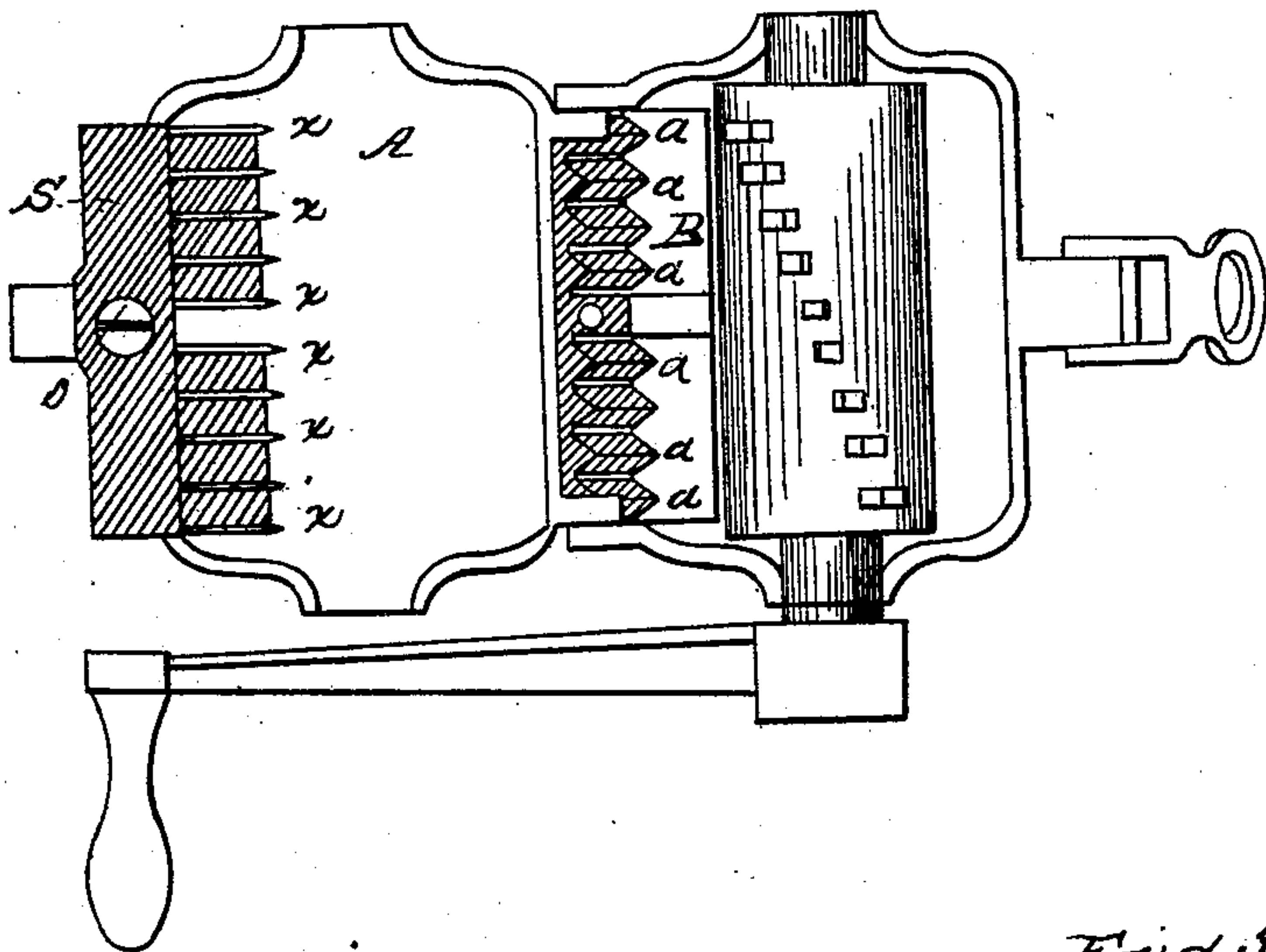


Fig. 3.

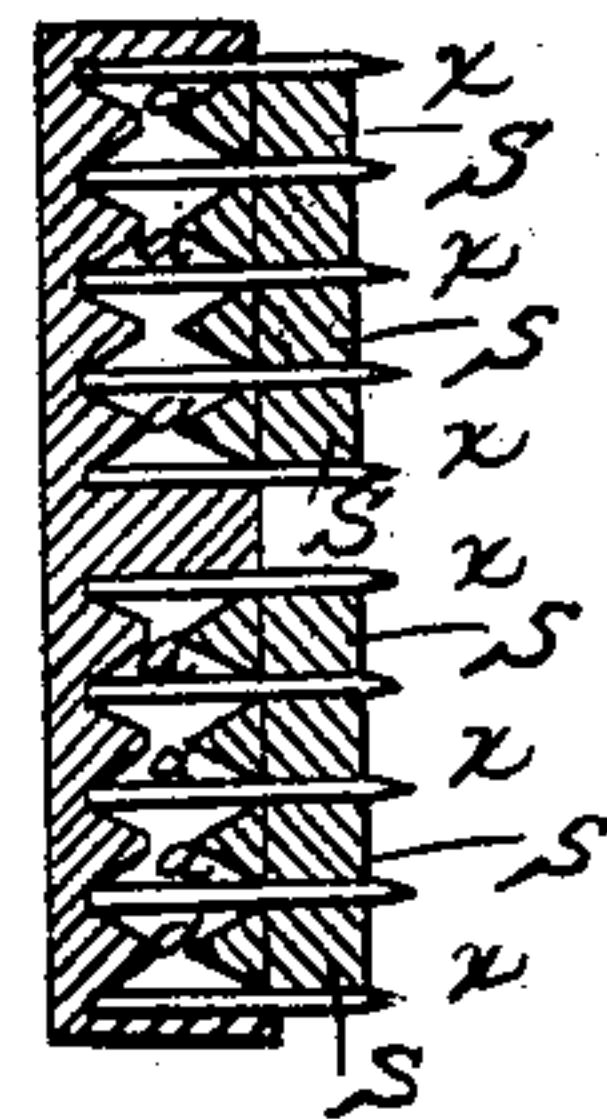


Fig. 4.

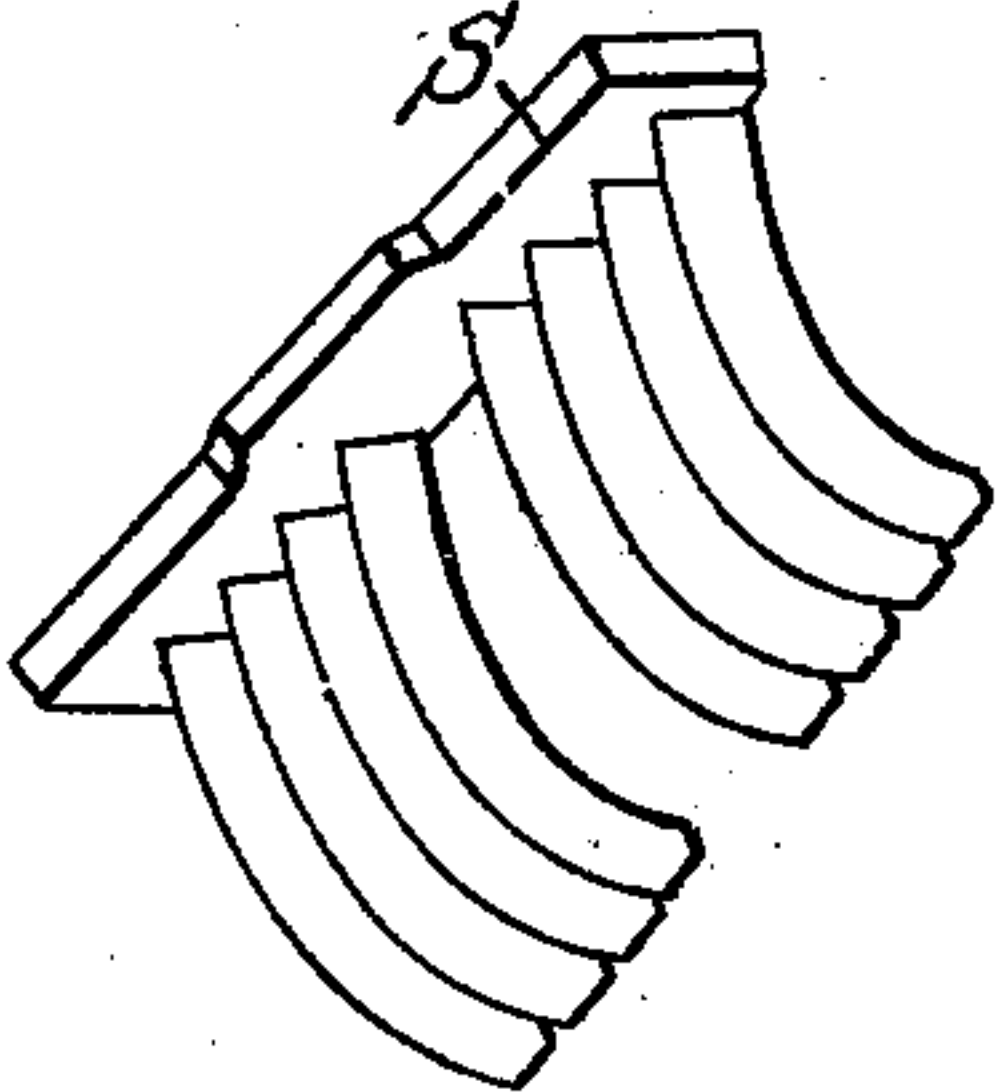
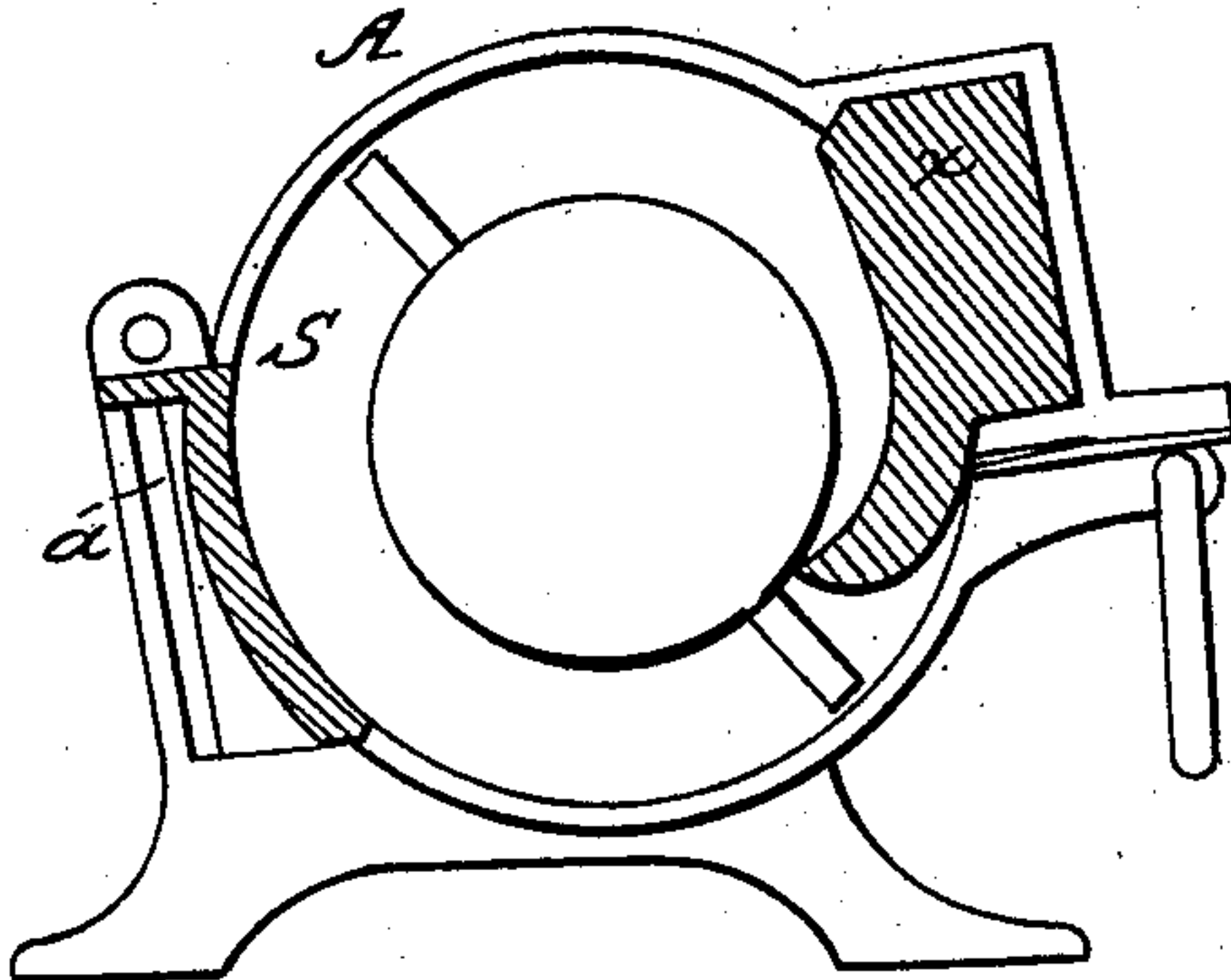


Fig. 5.



witnesses:

John Perry
John L. Adams.

Inventor:

John G. Perry

UNITED STATES PATENT OFFICE.

JOHN G. PERRY, OF SOUTH KINGSTON, RHODE ISLAND.

IMPROVED MEAT-CUTTER.

Specification forming part of Letters Patent No. 39,243, dated July 14, 1863.

To all whom it may concern:

Be it known that I, JOHN G. PERRY, of South Kingston, in the county of Washington, in the State of Rhode Island, have invented a new and useful Improvement in Meat-Cutters; and I do hereby declare that the following is a full and correct description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a view of the machine open. Fig. 2 is a vertical cross-section of the same.

This improvement consists of a new mode of holding the knives in the cases of meat-cutters in their places, and is not intended to be confined to any particular form of case.

Fig. 1 shows the application of the invention, the case being opened and one set of knives removed, one set of knives *x x* is represented as being in its place, the other set removed to show the construction of the parts more plainly.

In the bottom or back of the place B, where the knives are to be put, are made a series of grooves, *a a*, which are the same distance apart that it is intended to have the knives. These grooves are to receive the backs or ends of the knives to hold them steady. (See Fig. 3, which is a section across the knives at about their middle.)

To hold the fronts of the knives, I make a slotted plate, S, (represented in perspective in Fig. 4, and in sections in Figs. 2 and 3,) the distances between the slots corresponding

with those between the grooves before mentioned. The knives *x x* are placed in these slots, and the backs of them being held in the grooves *a a*, two bearings are thus made for the knives, which hold them steady and securely in their places.

Fig. 2 is a cross section of the cutter, showing one set of knives, *x x*, in place, and the other removed, as in Fig. 1. The grooves *a a* are intended to be cast in the case, for which purpose they are beveled from their bottoms out, and the slots in the plate S are also intended to be made in casting the plate, for which purpose they are likewise beveled away on the sides. The plate S is fastened to the case A of the meat-cutter by the screw *c*. This mode of holding the knives has the advantage over that of placing "space-blocks" between them, (as in my former patent,) in requiring a less number of pieces to be cast, being one in place of eight, ten, or twelve, and in affording greater facilities for taking out and replacing the knives when required for the purposes of sharpening, cleaning, &c.

Having thus described my improvement in meat-cutters, what I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the slotted plate S with the knives *x x*, substantially as herein described, and for the purposes set forth.

JOHN G. PERRY.

Witnesses:

JAMES E. ARNOLD,
BENJAMIN ARNOLD.