T. Parker,

Sausage Stuffer.

No. 95,830. Patented Oct. 12. 1869.

Fig. 1.

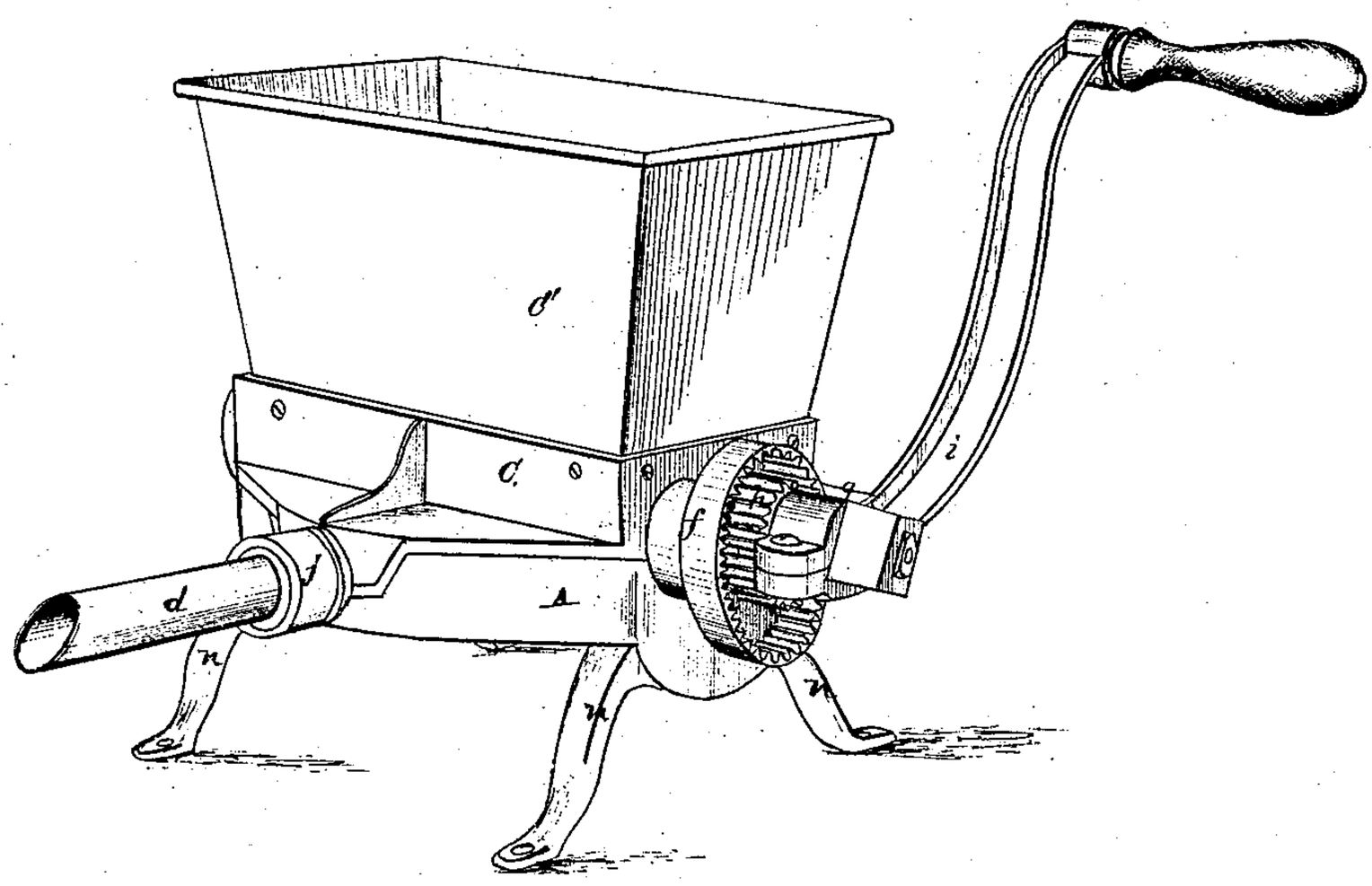


Fig. 2.

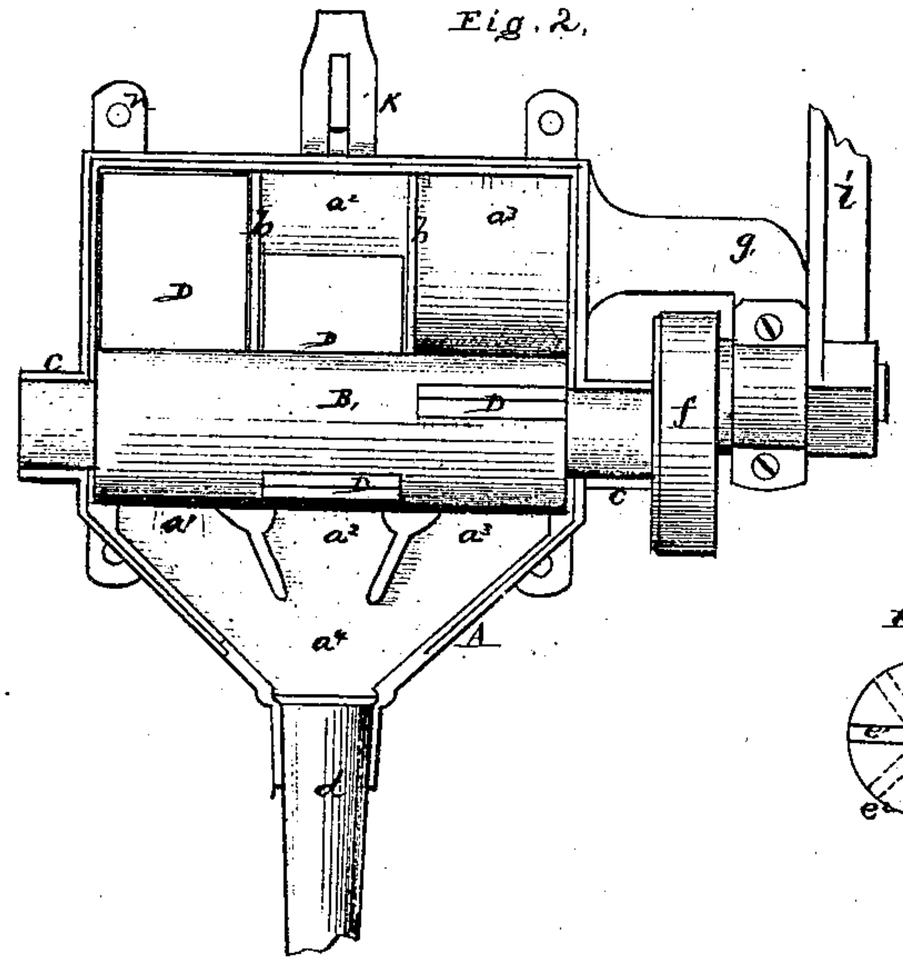
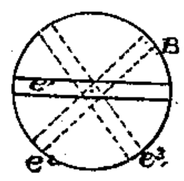


Fig. 3.



Witnesses.
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THOMAS PARKER, OF SHELBY, OHIO.

Letters Patent No. 95,830, *dated October* 12, 1869.

IMPROVED SAUSAGE-STUFFER.

The Schedule referred to in these Letters Patent and making part of the same.

I, THOMAS PARKER, of Shelby, in the county of Richland, and State of Ohio, have invented certain Improvements in Sausage-Stuffers, of which the following is a specification.

The nature of the invention relates to the construction of a machine for stuffing sausages, by which the meat is forced into the sausage-case in a continuous column, unaccompanied with atmosphere, thus avoiding the necessity of occasionally piercing the case, to exclude air, as is the case in the use of stuffers worked by a plunger. The action being intermittent, forces in a quantity of air, which can only be excluded by making holes in the case.

Figure 1 is a perspective view.

Figure 2 is a plan view, with the hopper removed.

Figure 3 is a detached view.

In the drawings—

A represents a chamber, divided, by partitions *b b*, into three compartments, a^1 a^2 a^3, these compartments converging into one common space, a^4, at which point is secured a spout, *d*, through which the meat is conveyed into the sausage-case.

The bottom of the chamber A is semicircular.

B represents a roller or shaft, whose journals turn in suitable bearings, *c c*, at each end of the chamber A.

This roller has three slots cut through it, crosswise, each in a different direction, as seen at e^1 e^2 e^3, fig. 3. These slots are in line with the compartments a^1 a^2 a^3 of the chamber A.

Into each of the slots is placed loosely a flat bar, D, which, as the rollers revolve, are made to slide through the slots, back and forth, by their ends sliding along on the curved bottom of the chamber A. The roller being situated at one side of the chamber, gives them an eccentric motion.

The chamber A may be divided into more or less compartments, and the roller have more or less slots and bars, as may be desired.

The end of the shaft B is provided with a gear-wheel, *f*, having its teeth on the inside of the rim.

In a suitable bearing, *g*, cast on the chamber A, is placed a pinion, *h*, meshing with the wheel *f*.

There is a crank, *i*, for turning the pinion, attached to its shaft. By this simple arrangement the power of the crank is multiplied upon the roller B.

In small machines, where less power is required, the wheel *f* may be dispensed with, and the crank applied directly to the shaft of the roller B.

A frame and cover, C, are placed on the chamber A, covering only the chamber between the roller B and spout *d*, there being a hopper, C′, attached to the frame C.

The spout *d* has a flange, turned on its inner end, which rests in a groove in the neck of the chamber A, which secures it in place.

The frame and cover C are held in place by a ring, *j*, encircling the neck, and by a latch, *k*, on the back side of the machine.

Legs *n n* are secured to the machine, at the corners, the feet of which are pierced, for the purpose of securing the machine to a table by screws.

The operation of this machine is as follows:

The sausage-meat is placed in the hopper C′, when, by turning the roller B, by means of the crank *i*, the bars D carry the meat around under the roller, through the compartments a^1 a^2 a^3, and force it through the spout *d*.

It will be observed that this is a continuous operation, and that little or no air will be mingled with the meat, and that the operation is very easily and perfectly performed, rendering this a machine possessing peculiar advantages over others now in use.

It is also very simple and cheap in construction, and not liable to get out of repair.

I do not claim providing the roller of a sausage-stuffing machine with slots, and fitting sliding bars therein, as I am aware that this is not new; but

I claim, as my invention—

The combination of the part A, having a rounded bottom, its interior divided, by partitions *b*, into spaces a^1 a^2 a^3 a^4, the cover C, hopper C′, spout *d*, ring *j*, latch *k*, slotted roller B, sliding plates D, the gearing *f h*, and crank *i*, all constructed and arranged to operate substantially as herein described.

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