C. L. GILPATRIC.

Meat Cutter.

No. 44,527. Patented Oct. 4, 1864.

Fig. 2

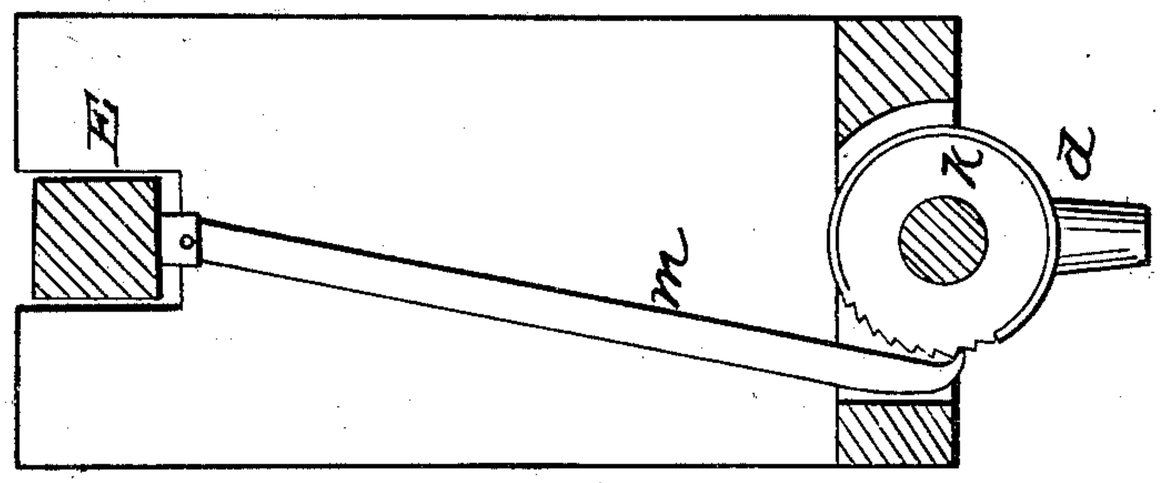
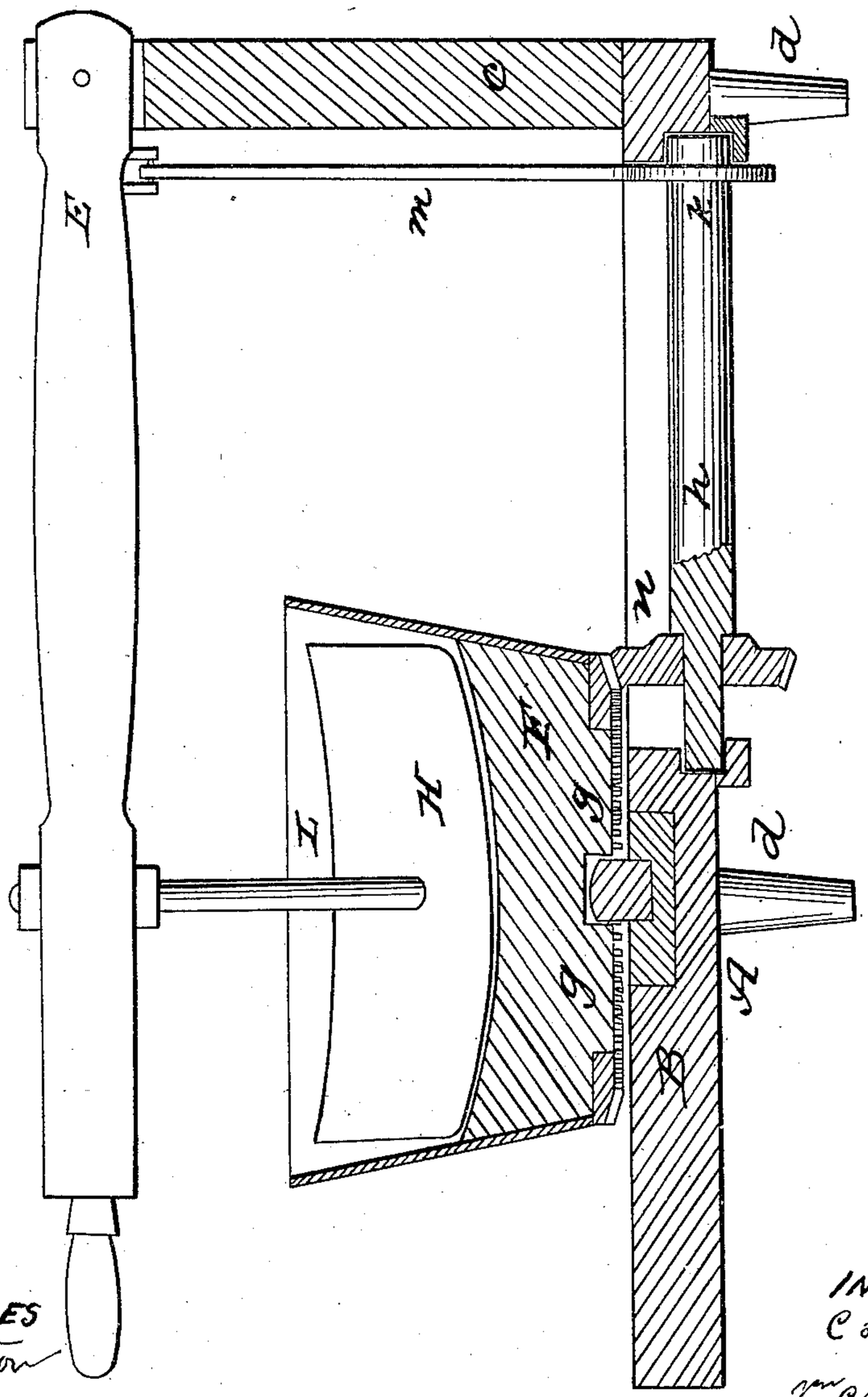


Fig. 1



WITNESSES
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UNITED STATES PATENT OFFICE.

C. L. GILPATRIC, OF LEWISTON, MAINE.

IMPROVED MEAT-CUTTER.

Specification forming part of Letters Patent No. **44,527**, dated October 4, 1864.

To all whom it may concern:

Be it known that I, C. L. GILPATRIC, of Lewiston, in the State of Maine, have invented certain new and useful Improvements in Meat-Choppers; and I hereby declare that the following is a true and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 in the annexed drawings represents a longitudinal vertical section of my meat-cutter. Fig. 2 represents an inside end elevation of the same.

In Fig. 1 the letter A represents the frame of my machine, which consists of the platform B, the upright C, and the cross-piece D. The platform B has a longitudinal slot in it extending from a point near the upright C to a point near D. The object of this slot will be hereinafter described. The upright C is securely fastened to one end of platform B in a vertical position, and has an opening cut in its top for the reception of lever E, which works in this opening on a bolt passing through it and through upright C. The lever E occupies a position immediately above the slot in platform B, and extends a foot (more or less) beyond the end of the platform. Directly over the cross-piece D is placed the tub F, which may be made of wood or metal. Tub F is furnished with a thick solid bottom of wood, having a hole made in its under surface, which works on a pin placed in the center of cross-piece D. On this pin the tub is made to play with a horizontal revolving motion in the manner described below. To the bottom of tub F is fastened the cog-wheel *g*, which in circumference is a little less than the bottom of tub F.

In the slot above described is placed the shaft *h*, which has its bearings at the ends of the slot.

K represents a ratchet-wheel on shaft *h*, at the end next to upright C, space being cut in platform B for it to revolve freely. M represents a pawl, the upper end being hinged at the under surface of lever E, and the lower end hooked so as to catch in the teeth of ratchet-wheel K. Near the opposite end of shaft *h* is the bevel-wheel *n*, intended to gear in the cog-wheel *g*.

L represents an iron rod passing through lever E in the direction of the center of tub F. A slot is made in the lower end of L to receive the knife H, made of plate-steel, the knife being a little convex at its lower edge to fit the concave surface of the bottom of the tub F. The frame A is supported by three legs, *d*, one under end piece, C, and two under cross-piece D.

In operating my machine it will be observed that by raising lever E the pawl *m*, acting on the ratchet-wheel K, will move the shaft *h* around a distance equal to the space between the cogs on the ratchet-wheel, and the bevel-wheel *n*, acting on wheel *g*, will cause it to move the same distance. Thus by a rapid movement of lever E the tub F will have a corresponding motion and bring every part of the contents of the tub successively under the action of the knife H, and by this operation cut the meat equally fine throughout the whole mass without the trouble of shifting it.

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

The tub F, the knife H, the cog-wheel *g*, the bevel-wheel *n*, pawl *m*, and ratchet-wheel *k*, the whole arranged, constructed, and operated substantially as herein described.

C. L. GILPATRIC.

Witnesses:

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