

M. E. SEELEY.
MEAT CUTTER.
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1,010,190.

Patented Nov. 28, 1911.

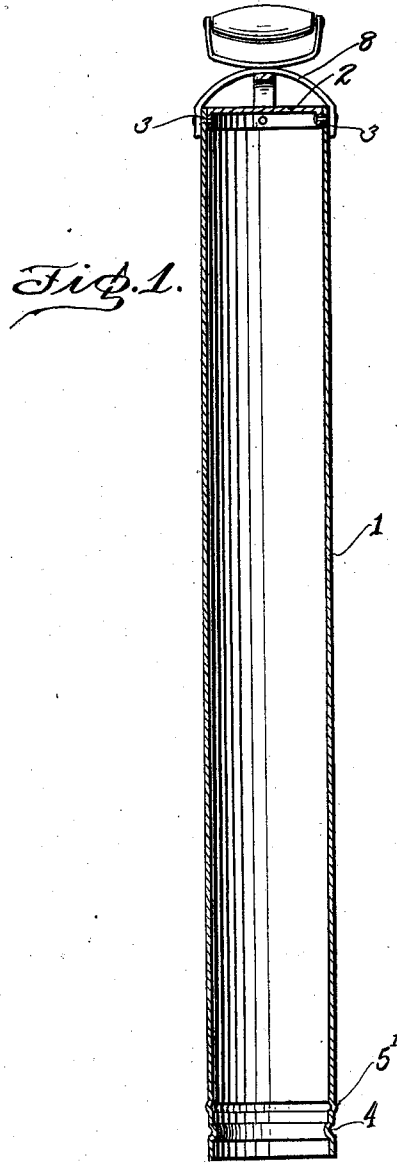
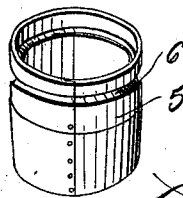


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

MINERVA E. SEELEY, OF SAN LUIS OBISPO, CALIFORNIA.

MEAT-CUTTER.

1,010,190.

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To all whom it may concern:

Be it known that I, MINERVA E. SEELEY, a citizen of the United States, residing at San Luis Obispo, in the county of San Luis Obispo, State of California, have invented certain new and useful Improvements in Meat-Cutters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in meat cutters, and the object of my invention is to provide a device of the character described by means of which a cylindrical plug of meat may be cut from a piece of meat to form a hole or well therein. And a still further object of my invention is to provide means by which the cutter after cutting the meat will remove the portion or plug so cut.

With the above and other objects in view, this invention consists of the construction, combination and arrangement of parts, and in the method of using the same, hereinafter described, illustrated in the accompanying drawings which show a preferred embodiment of the invention, and specifically pointed out in the claims appended hereto.

In these drawings—Figure 1 is a vertical sectional view of the cutter or plug remover. Fig. 2 is a perspective view of the cutter knife detached from the holder.

Referring specifically to the drawings, in which similar reference numerals designate corresponding parts in all the views, 1 is the body of the plug remover, being as shown, a sheet metal cylinder having a top 2, cylinder and top being held together by means of the usual riveted lap-joint 3. The bottom of the cylinder is open and some distance above the edge thereof an annular groove 4 is formed, preferably by striking in the metal wall of the cylinder. Above this groove is a second groove 5', this latter extending oppositely to the first.

The cutting edge of the cylinder is formed on a detachable ring 5, which is tempered, hardened and ground to produce a sharp and durable knife edge on its lower circumference. This ring, like the cylinder, is preferably formed from a single strip of sheet metal lap-riveted at the edges. Adjacent the upper edge of the ring an in-

of the seam being as shown placed below the groove. In assembling the instrument the ring 5 slips over the lower edge of the cylinder until the groove 6 comes in contact therewith. It is then necessary to spring open the ring sufficiently to admit of its being slipped upward until the groove 6, or the inside annular extension formed thereby, snaps into place in the groove 4. The parts are so proportioned that at this point the top edge of the ring 5 will be in contact with the annular extension 5', which thus forms a shoulder to prevent the knife being forced up on the cylinder by the downward pressure directed on it in use.

To permit of the ready withdrawal of the instrument the top is provided with a bail 8 of the usual form.

In carrying out my invention, the assembled cutting cylinder 1 is pressed into the central portion of the piece of meat which is to be prepared. It will usually be found that the cylinder is of sufficient length to pass entirely through the meat, but this is not essential to the success of the process. When the cylinder is withdrawn a plug of meat will be found in the inside and in order to remove this the knife portion 5 is slipped off the body. If the plug is of comparatively great length it will remain in the cylinder, but that portion formerly incased by the knife ring will now be exposed and may be grasped to effect its ready withdrawal from the cylinder. In case the plug comes out with the knife ring the manner of its removal is obvious.

Although I have shown and described my invention as applied to the cutting of plugs from meat it will be understood that the same may be used for various articles of food. By forming the cutting edge on a separate ring it will be seen that a better quality of steel may be used in its construction than is necessary for the remainder of the instrument, and it will further be seen that this same construction affords means for the ready withdrawal of the meat plug.

What I claim is;

1. In a cutting device of the class described, a cylindrical body portion having one end open, a cylindrical knife member having an expansible upper portion adapted to be sprung over the open end of said body portion and means carried by said body portion and knife member for additionally securing the same together.

2. In a cutting device of the class described, a cylindrical body portion having one end open, an annular in-struck groove adjacent the open end of said cylinder,
5 an annular out-struck groove above said first mentioned groove, a cylindrical knife portion, and an annular in-struck groove adjacent the upper end of said knife portion and so positioned as to snap into the
10 lower of said body grooves when the upper

edge of said knife portion bears against the shoulder formed by the upper of said cylinder grooves.

In testimony whereof, I affix my signature, in presence of two witnesses.

MINERVA E. SEELEY.

Witnesses:

CARL S. MEREDITH,
LEROY H. DART.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
