

Wahler, Metz & Heinze,

Stausage Stuffer.

No. 108070.

Patented Oct. 4, 1870.

Fig. 1.

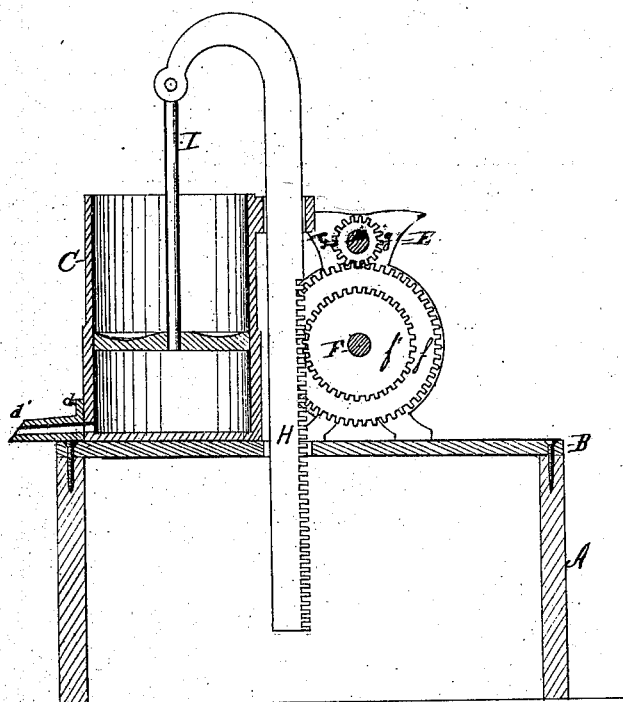
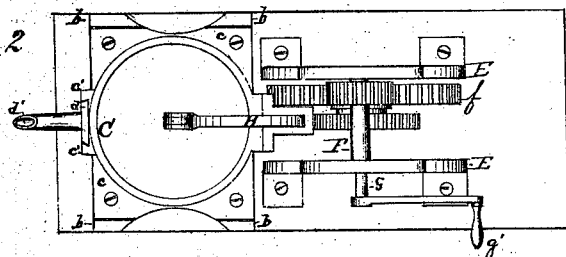


Fig. 2.



Witnesses:

H. J. Metz
G. J. Hayes

Inventor

H. Wahler, H. Metz, & L. Heingle by
H. W. Beadle atty.

United States Patent Office.

HENRY WAHLER, HENRY METZ, AND LUDWIG HEINZLE, OF FREEPORT,
ILLINOIS.

Letters Patent No. 108,070, dated October 4, 1870.

IMPROVEMENT IN SAUSAGE-STUFFERS.

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

To all whom it may concern:

Be it known that we, HENRY WAHLER, HENRY METZ, and LUDWIG HEINZLE, all of Freeport, in the county of Stephenson and State of Illinois, have invented a new and useful Improvement in Sausage-Stuffers; and we do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

This invention relates to that class of sausage-stuffers which has a piston working in a cylinder actuated by means of a rack-bar and gearing, and consists, mainly, in the construction and arrangement of the rack-bar and gearing.

In the drawing—

Figure 1 represents a central sectional elevation, and

Figure 2, a plan view of our improved sausage-stuffer.

To enable others skilled in the art to make and use our invention, we will now proceed to describe fully its construction and manner of operation.

A represents a box or table, which constitutes the base of the machine.

B represents a bed-plate, securely attached to the top of table A in any suitable manner, which is provided with projections, *b b*, as shown.

C represents the reservoir or cylinder, open at both ends, and provided with flanges, *c c*, having suitable screw-holes, by means of which it is rigidly secured to the bed-plate between the projections *b b*.

At the lower end of the cylinder, upon its front side, is located an orifice and grooved flanges, *c' c'*, in which latter slides the plate *d* of the inclined tube *d'*.

E E represent supports, which, rising from the bed-plate at right angles thereto, support the gearing.

F represents the main shaft, upon which is located the gear-wheel *f* and pinion *f'*.

G represents a shaft, located above the shaft F, which is provided with a pinion, *g*, and crank, *g'*.

The pinion *f'* gears with the rack-bar H, which slides in suitable bearings attached to the cylinder.

The upper end of the rack-bar is carried forward over the cylinder, and has attached to it the piston-rod I.

The operation will be readily understood. The cylinder is first filled with properly-prepared sausage-meat, and the casing is slipped over the tube. The piston is now placed in the cylinder, and depressed by moving the crank in the proper direction. As the piston descends, the meat is forced out of the tube into the casing.

The arrangement of the parts described is such that the cylinder, piston, and tube may be easily separated from each other, for cleaning purposes, when desired.

Having thus fully described our invention,

What we claim as new, and desire to secure by Letters Patent of the United States, is—

1. The curved rack-bar H, having the piston I attached thereto, when the parts are arranged, relatively to each other and the cylinder and gearing, as described, for the purpose set forth.

2. The sausage-stuffer described, consisting of the table, bed-plate, cylinder, tube, gearing, rack-bar, piston-rod, and piston, when the parts are arranged as described, for the purpose set forth.

This specification signed and witnessed this 20th day of August, 1870.

HENRY WAHLER.
HENRY METZ.
LUDWIG HEINZLE.

Witnesses:

GEO. WOLF,
F. G. WYNKOOP.