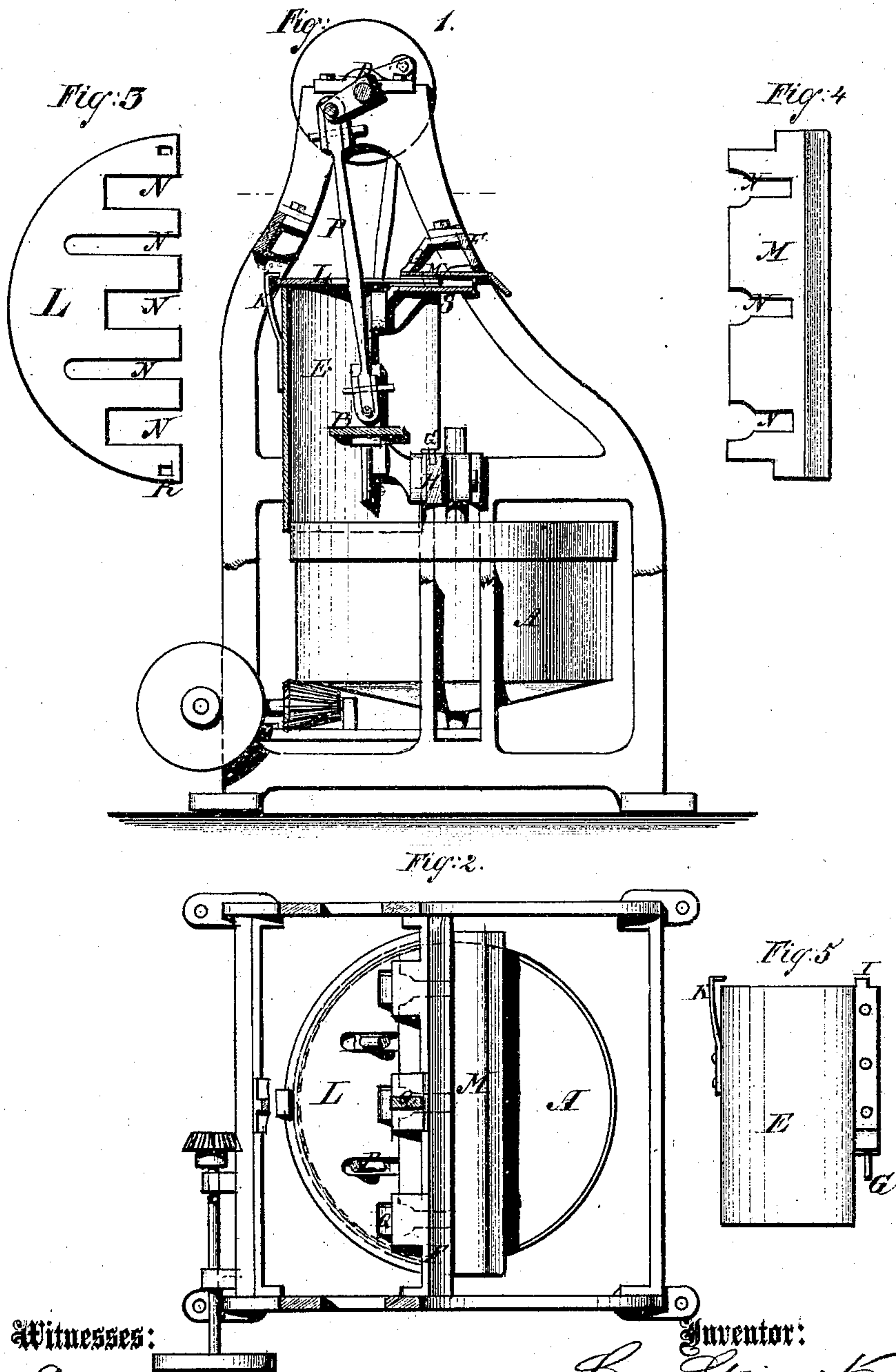


L. Steiger,
Meat Chopper.

No. 98812.

Patented Jan. 11. 1870.



Witnesses:
Edgar Tate
John V. Brook

Inventor:
L. Steiger
PER *Wm. L. Co.*
Attorneys.

United States Patent Office.

LEOPOLD STEIGERT, OF CINCINNATI, OHIO.

Letters Patent No. 98,812, dated January 11, 1870.

IMPROVED MEAT-CHOPPER.

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

To all whom it may concern:

Be it known that I, LEOPOLD STEIGERT, of Cincinnati, in the county of Hamilton, and State of Ohio, have invented a new and useful Improvement in Meat-Choppers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to that class of meat-choppers wherein a meat-chopping block, revolving on a vertical axis, and reciprocating cutters working in vertical planes upon the top of the said block, are used; and

It consists in an improved arrangement, in connection with the same, of guard-plates, to prevent the knives from scattering the meat, which adheres to them more or less, about the floor or table, wherever the machine rests.

Figure 1 is a sectional elevation of a machine provided with guards according to my improvement;

Figure 2 is a longitudinal section of the same;

Figure 3 is a plan of one of the top guards;

Figure 4 is a plan of another top guard; and

Figure 5 is a side elevation of the side guard.

Similar letters of reference indicate corresponding parts.

A is the revolving cutting-block, and

B reciprocating cross-heads, to which the knives are attached.

These cross-heads work vertically, above the upper end of the cutting-block, and are operated by a crank-shaft, D, at the top of the frame. They are worked very rapidly, and throw and scatter the meat, adhering to the cutters, in all directions, from the top of the cutter-block, but to much the greater extent from the side on which the cutters act.

I have, therefore, provided on that side, the vertical curved guard E, of sheet-metal, and arranged it to fit

the upper outer edge of the block, for about half its circumference, and to extend above the highest point the cross-heads reach, in operation, and nearly to the lower edge of the cross-bar F.

The said guard is provided with pins G, fitted to engage in holes in the top of the cross-bar H, to hold it in place; it is also provided with lugs I, above the pins, and a spring-catch, R, at the rear, for holding the top covers or guards.

L is the rear top guard, and M, the front one. Both are provided with suitable slots, N, to pass the connecting-rods, P, and the braces Q, for supporting the cross-heads, and the one, L, is provided with holes R at the corners, to receive the lugs I on the guard E, which, together with the spring K, prevent it from sliding off.

The guard M slides under the cross-bar F, and laps above the front edge of the other guard, as shown in cross-section, in fig. 1. and has plates, S, attached to the under side, a short distance from the surface, to provide space for the reception of the tongues of the part L, formed by the notched slots N.

The front edge of the guard M projects downward a short distance, and arrests the particles thrown up over the bar H, which prevents any considerable amount being thrown out at the front.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The arrangement of the guards L, M, and E, with relation to the chopping-block A, the cutters, and the framing, as herein shown and described, and for the purpose set forth.

The above specification of my invention signed by me, this 20th day of July, 1869.

LEOPOLD STEIGERT.

Witnesses:

GEO. W. MABEE,
EDGAR TATE.