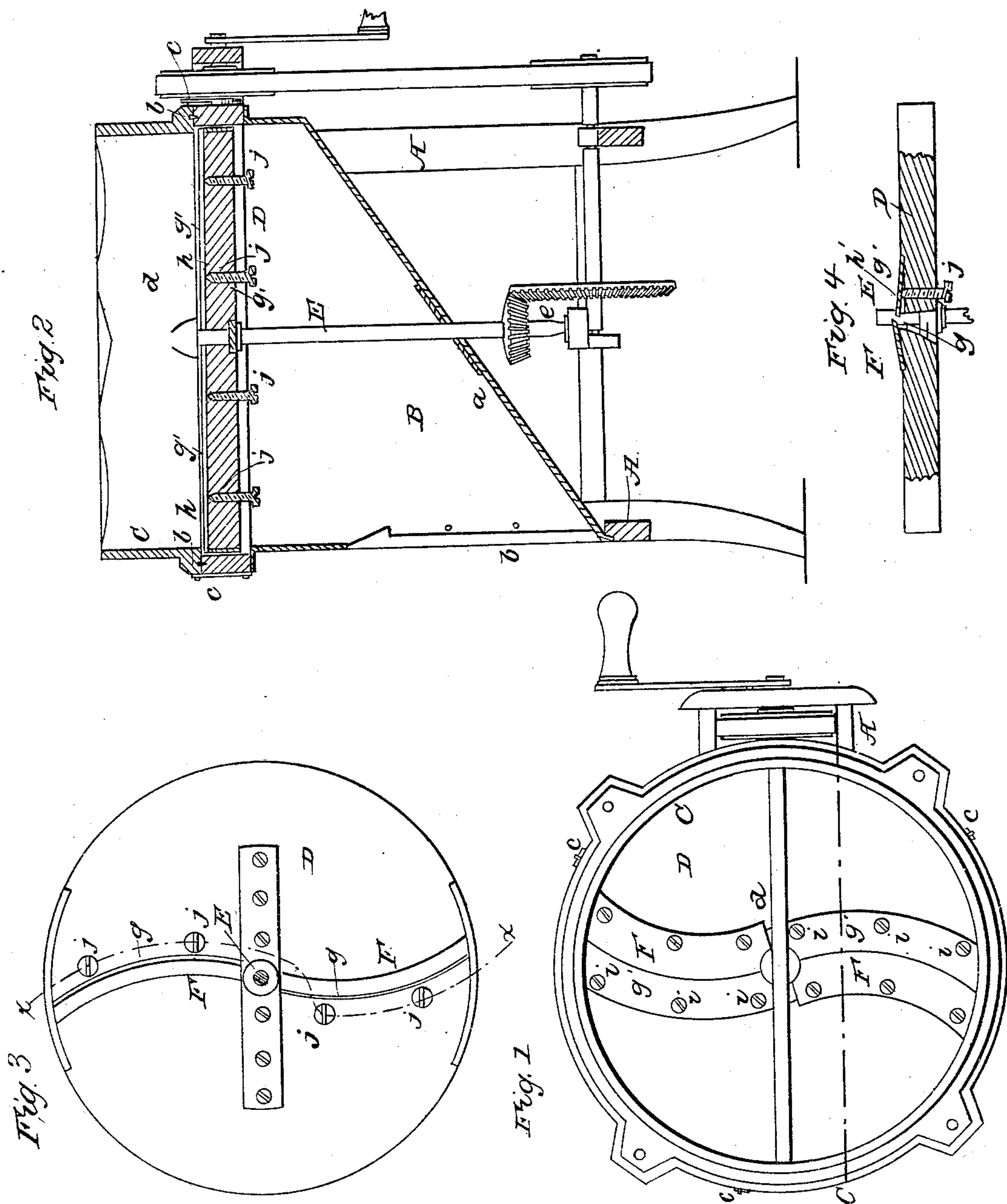


A. FISCHER.
Cabbage Cutter.

No. 20,054.

Patented April 27, 1858.



UNITED STATES PATENT OFFICE.

A. FISCHER, OF DAYTON, OHIO.

CABBAGE-CUTTER.

Specification of Letters Patent No. 20,054, dated April 27, 1858.

To all whom it may concern:

Be it known that I, ADAM FISCHER, of Dayton, in the county of Montgomery and State of Ohio, have invented a new and useful Improvement in Cabbage-Cutters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1, is a plan or top view of a cabbage cutter with my improvements applied to it. Fig. 2, is a vertical longitudinal section of the same in the line *y, y*, of Fig. 1. Fig. 3, is an inverted plan of the same. Fig. 4, is a vertical transverse section of the same in the line *x, x*, of Fig. 1.

Similar letters of reference in each of the several figures indicate corresponding parts.

The object of my invention is to provide a simple machine for cutting cabbage to a condition suitable for making sauer kraut.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A, represents the frame, B, C, the cylinder, made in two sections. The lower section B, is stationary in the frame A, and has its bottom *a*, inclined so as to discharge automatically through the side opening *b*. The upper section C, is arranged on top of section B, and secured loosely by stop pins and hooks *b, c*, so as to be capable of ready removal when it is necessary to cleanse out the upper section or remove the cutting knives for sharpening. Across the diameter of the upper section, a vertical partition *d*, is placed so as to prevent the revolution of the cabbage with the disk and knives.

Underneath the partition and within the upper extremity of the lower section of the cylinder the knife disk D, is arranged so as

to revolve freely, being supported by a central shaft E, which passes down through the inclined bottom *a*, of section B, and rests in a strip *e*, of the frame.

The disk D, carries two symmeter shaped knives F, E which are arranged over two openings *f, f*, in the disk, said opening communicating with the lower section of the cylinder and serving for the cut cabbage to escape through. Opposite to the edge of the knives, on the opposite edge of the discharge openings *g, g*, two gage plates *g', g'*, are arranged. These plates serve for gaging the fineness or coarseness of the cut of the knives, being arranged over recesses *h*, cut in the top of the disk, and confined fast at their rear edge by screws *i, i*, and supported at their front edge by set screws *j, j*; said set screws by being turned, owing to their near relation to the front loose edge of the gage plates and the elasticity of said plates spring up, or lower, as the necessity of the case may be, the front edge of the gage plates and thereby gage or control the degree of fineness or coarseness of the cut of the knives.

I do not claim a horizontally revolving disk set with knives and gage plates, neither do I claim the partitioned hopper or upper section C. Nor do I claim broadly, controlling the fineness or coarseness of the cut of knives; but

What I do claim as my invention and desire to secure by Letters Patent, is—

The cabbage cutter herein specified, when all its parts are constructed and arranged for united operation; substantially as and for the purposes set forth.

ADAM FISCHER.

Witnesses:

W. SCHELHAMER,

AUGUST BAUMSTARK.