J. C. WILKINS.

Crout Cutter.

No. 26,725. Patented Jan'y 3, 1860.

Fig. 2.

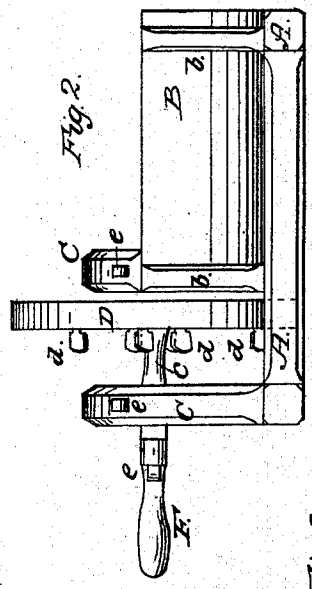


Fig. 4.

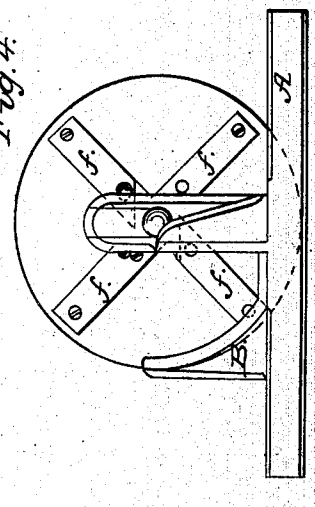


Fig. 5

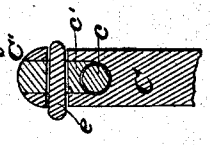


Fig. 1.

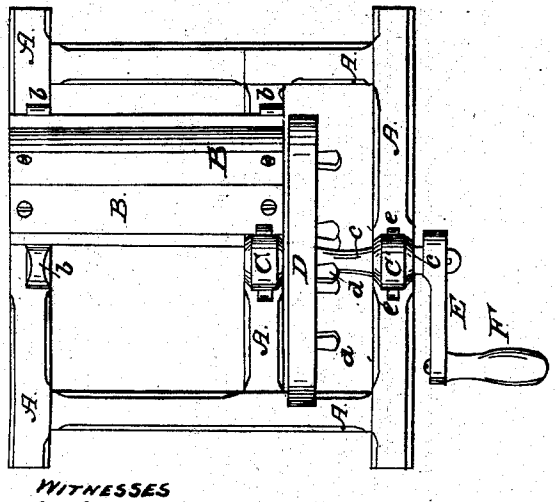
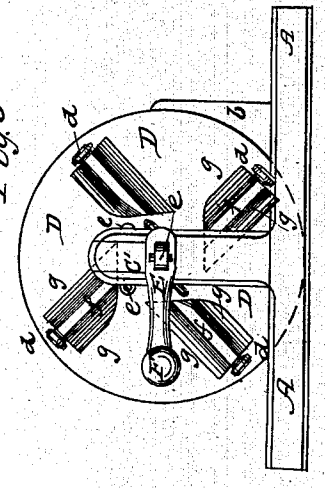


Fig. 3



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN C. WILKINS, OF FOX CHASE, PENNSYLVANIA.

CABBAGE-CUTTER.

Specification of Letters Patent No. 26,725, dated January 3, 1860.

To all whom it may concern:

Be it known that I, J. C. WILKINS, of Fox Chase, county of Philadelphia, in the State of Pennsylvania, have invented new and useful Improvements in Kraut-Cutters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in an improved construction of kraut cutter as hereinafter specified.

To enable those skilled to make and use my improvement, I will proceed to describe its construction and operation, referring by letter to the accompanying drawings forming part of this specification in which,

Figure 1, represents a top view of my improved kraut cutter. Fig. 2, represents a side elevation. Fig. 3, represents an end elevation. Fig. 4, represents an end elevation, and Fig. 5, represents a detail section of shaft standard.

Similar letters denote the same parts in the different views.

A, represents the frame of the machine from which extend upward two posts C, C, which support the driving shaft *c*, and four standards *b*, which sustain the trough or hopper B.

D, is the cutter, which consists of a face plate having arranged in it a series of radial knives *f*, which are adjusted by means of adjusting screws *d*. The knives are arranged as illustrated in cavities *g*, in the rear face of the cutter plate D.

E, is a simple crank connected to the outer extremity of the cutter shaft *c*, and on which is secured a suitable handle F, by which the said shaft may be readily rotated in its bearings; the bearings of said shaft *c*, are formed in the posts C, and it is retained in its said bearings by holder block C′, (see Fig. 5,) secured by means of wedges *e*.

The hopper or horizontal feed box B, it will be observed, is of such form in a cross section that although it readily receives and holds the heads to be cut yet has that corner at which the last part of the cut is made (by the knives *f*) angular or square to prevent dragging of the material by the knives. It will also be seen that with the construction of cutter D, as represented the several knives can be adjusted to make any desired cut, either all alike or progressive cuts b each, and that by means of the simple holder block C′, and securing key *e*, the shaft *c*, is rendered capable of being unshipped or extricated from the machine very speedily, in order that the knives may be taken out for sharpening or repair.

The operation of my improved kraut cutter will be perfectly understood, and is simply as follows: The heads or material to be cut up are placed in the horizontal feed trough B, and fed up toward the cutter D, which is caused to rotate rapidly by turning the handle F, of the crank E.

When the knives *f*, require sharpening, the keys *e*, are knocked out, the holder blocks C′, extracted, and the knives extricated from the cutter plate D.

Having described the construction and operation of my improved machine what I claim therein as new and desire to secure by Letters Patent, is—

The movable holder blocks C′ and securing keys *e*, in combination with the adjustable radiating knives *f*, rotary face plate D and horizontal hopper B the whole constructed to operate as and for the purposes set forth.

In testimony whereof I have hereunto set my hand and seal this fifth day of March, 1859.

JOHN C. WILKINS. [L. S.]

Witnesses:

SAML BROOKE,

ISRAEL S. ELLIOTT.