E. G. CUSHING.

CHOPPING KNIVES.

No. 181,918. Patented Sept. 5, 1876.

Fig. 1.

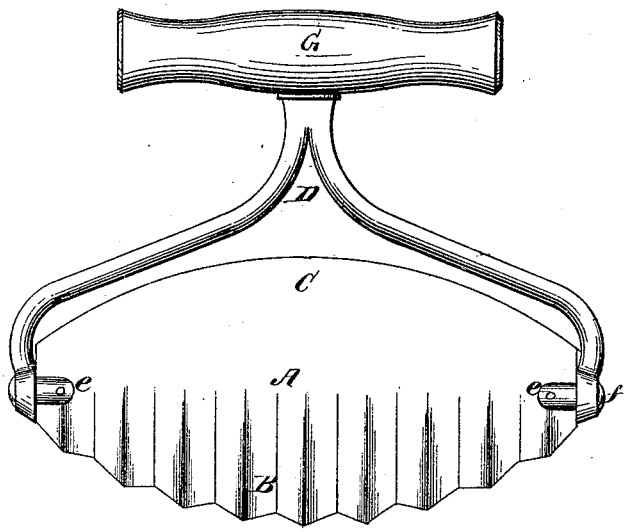
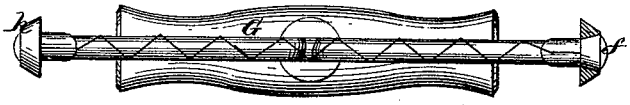


Fig. 2.



Witnesses.

E. C. Perkins

F. D. Wood

Inventor.

E. G. Cushing

UNITED STATES PATENT OFFICE.

ELBRIDGE G. CUSHING, OF OSWEGO, NEW YORK.

IMPROVEMENT IN CHOPPING-KNIVES.

Specification forming part of Letters Patent No. **181,918**, dated September 5, 1876; application filed July 6, 1876.

To all whom it may concern:

Be it known that I, ELBRIDGE G. CUSHING, of Oswego, in the county of Oswego and State of New York, have invented a new and useful Improvement in Chopping-Knives, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

My invention consists in providing a chopping-knife with a two-edged reversible blade, as hereinafter described and subsequently claimed.

Figure 1 is a side elevation of my improved chopping-knife, and Fig. 2 is a bottom view taken relatively as shown in Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the blade of an ordinary domestic chopping-knife, made of steel, having two edges, one edge, B, being made in zigzag or corrugated form, and the other edge, C, being formed in the usual manner. *e e* are pivots, secured to the blade by suitable slots and rivets, the heads of which are made conical, as shown more clearly at *f*, Fig. 2. D is a frame or bow extending lengthwise over the blade, and forming in the center a suitable shank for securing the usual wooden handle G. This frame may be made of malleable iron, brass, or any suitable material which possesses sufficient strength and elasticity to firmly hold the blade A when adjusted in its proper position and sprung into the triangular grooves provided in the ends of the frame, as shown at *h*. The pivot-holes in the frame for receiving the blade A are countersunk to receive the conical heads of the pivots *e e*, thereby obviating any danger of becoming detached.

It is evident that to reverse the blade it is only necessary to grasp it and turn in either direction, bringing into useful position either edge desired.

The frame or bow extending over the upper edge, and embracing the knife, forms a perfect guard against accident or injury to the blade itself, as well as to the hand of the operator.

The corrugated edge is designed to be used with great advantage in mincing up vegetables, and also meat, that has been partially reduced by the straight edge, as the zigzag edge necessarily works harder on account of increased length of cutting-surface and varying angles, and, of course, with increased facility of operation. It is, therefore, naturally inferred that a chopping-knife possessing the good qualities of two separate kinds, and the advantage of obtaining the best results of both in one, at a very small increase in cost over either separately, must of necessity become a valuable acquisition to the many and useful domestic appliances to be found in every well-appointed household.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The blade of a chopping-knife having two edges of different configuration, one edge being of a zigzag or corrugated form, and the other an ordinary straight cutting-edge, substantially as described, and for the purpose set forth.

2. The arrangement of the two-edged blade A together with, and embraced by, the elastic frame D, whereby either edge may be adjusted for use, and securely held by means of the conical pivots *e e* and triangular grooves *h h*, operating on and securing corresponding ends of the blade A by the compression and tension of frame D, all constructed and arranged as herein shown and described.

ELBRIDGE G. CUSHING.

In presence of—
WM. W. SCRIBNER,
CHARLES DIRDER.