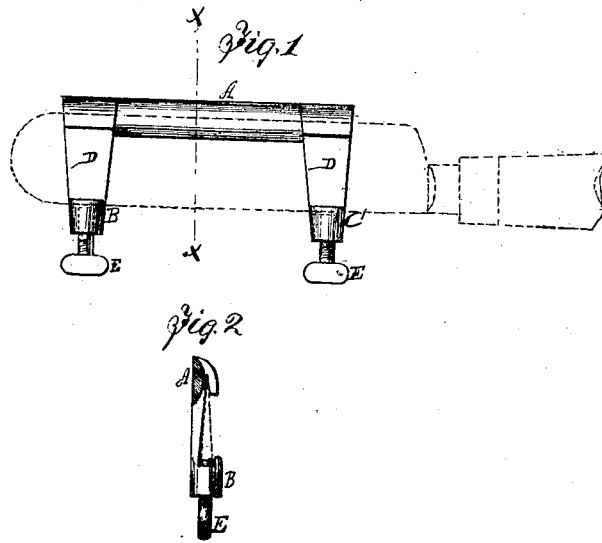


T. T. WOODWARD.
KNIFE GUARD.

No. 96,758.

Patented Nov. 9, 1869.



WITNESSES.

John P. Brock
Wm. H. Clark

INVENTOR.

T. T. Woodward

per *Wm. H. Clark*
Attorneys.

United States Patent Office.

THOMAS T. WOODWARD, OF ANSONIA, CONNECTICUT, ASSIGNOR TO T. B. SMITH MANUFACTURING COMPANY, OF SAME PLACE.

Letters Patent No. 96,758, dated November 9, 1869.

IMPROVED KNIFE-GUARD.

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, THOMAS T. WOODWARD, of Ansonia, in the county of New Haven, and State of Connecticut, have invented a new and useful Improvement in Blade-Guards; 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 a new and useful improvement in a detachable guard for cutting-blades, and consists in attaching, to a knife or other cutting-blade, a metallic guard, constructed and operating as hereinafter described.

In the accompanying drawing—

Figure 1 represents a side view of the guard attached to a knife-blade, the latter being shown in dotted lines.

Figure 2 is a cross-section of fig. 1, through the line *x x*.

Similar letters of reference indicate corresponding parts.

This guard is of square or oblong form, and consists of a bar, A, with arms B C at each end.

These arms have each a recess, D, which recesses are grooved at each end, for receiving both the back and the edge of the blade, as seen in fig. 2.

The guard is fastened to the blade by means of thumb-screws E.

As seen in fig. 2, there is a narrow space between the cutting-edge of the blade and the bar A.

This space extends the distance between the arms B C, and its width governs the thickness of the shaving cut, the arrangement being similar to that of the edge and back of a spoke-shave, and the operation the same.

These detachable guards may be made of any size and form, and be fastened by thumb-screws or by a spring-catch, or by the friction between it and the blade, as may be deemed best.

The design is to make a spoke-shave of the blade of a pocket-knife or a drawing-knife, or of any blade for cutting or working wood, paring and slicing potatoes or fruit, and for all similar purposes.

Having thus described my invention,

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

A blade-guard, consisting of parts A B C D E, constructed and operating substantially as and for the purposes herein shown and described.

THOS. T. WOODWARD.

Witnesses:

JOHN MARTIN,
O. S. GOODELL.