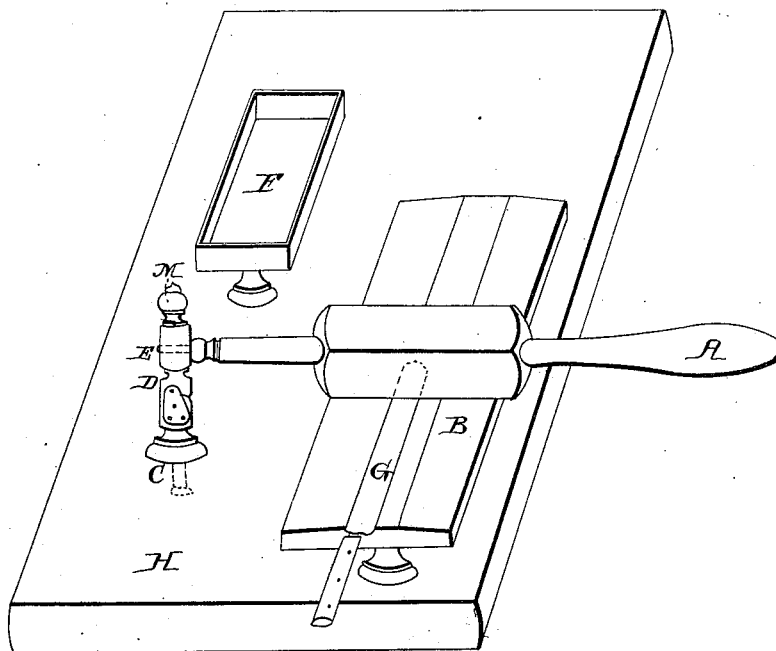


E. Beeman,
Cutlery Scourer.
N^o 51,789. Patented Jan. 2, 1866.



UNITED STATES PATENT OFFICE.

EPHRAIM BEEMAN, OF OWEGO, NEW YORK.

KNIFE SHARPENER AND POLISHER.

Specification forming part of Letters Patent No. 51,789, dated January 2, 1866.

To all whom it may concern:

Be it known that I, EPHRAIM BEEMAN, of Owego, in the town of Owego and county of Tioga, State of New York, have invented a new and useful Machine for Sharpening and Polishing Table and other Knives; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification.

The drawing represents a perspective view, of which—

H is the base or support; B, a polishing-bed or rest for knives; A, polishing and sharpening lever, the central square of which is covered upon two of its sides with emery or any other cutting or grinding substance; F, a box for holding emery or any other polishing substance.

M is a jointed standard, having a joint at E, in which the polishing-lever rolls or turns, also a joint at D, giving a vibrating motion to the post. The whole standard or post is attached to the base-board by a screw or bolt passing up from beneath, as shown at C, the three joints C D E making a universal joint, allowing the polishing bar or lever A to be rotated or moved in all directions.

Two of the sides of the lever A are covered

with leather or other suitable material for rubbing or polishing knives, forks, spoons, &c. The emery or other polishing material is applied to the lever A by swinging the lever around into the box F, thus causing it to adhere by water, oil, or any other means.

The manner of operating my machine is as follows: The knife or other article to be polished is laid upon the polishing-table B, as shown at G, the knife being held by the left hand and the polishing-lever being moved back and forth over it by the right hand. In sharpening, the knife is laid upon the bevel or inclined portion of the polishing-table in such a manner that the emery side of the lever A will strike the knife at a proper angle to produce a cutting-edge. Reverse the knife for the same operation on the other side.

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

1. The combination of the lever A with its coatings of emery or other grinding material, and leather or other suitable material.

2. The bed or base H and table B, and the standard M and its joints C D E, for the purpose specified.

EPHRAIM BEEMAN.

Witnesses:

SAML. FISHER,
H. V. BARRETT.