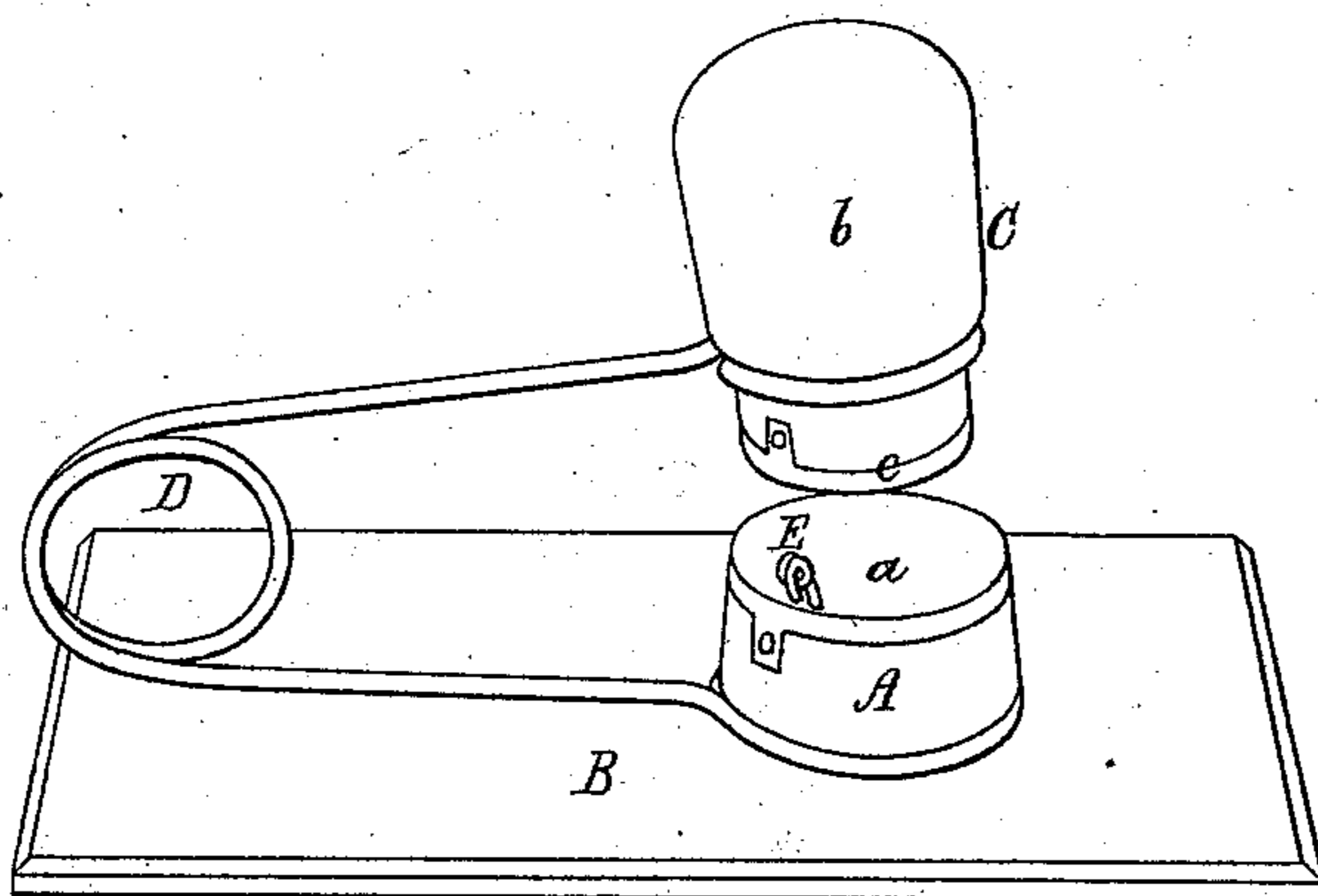


J. B. MAYHEW.  
POLISHING-MACHINE.

No. 173,484.

Patented Feb. 15, 1876.



Witnesses.

S. W. Piper

L. H. Miller

Josiah B. Mayhew

by his attorney.

R. H. Eddy

# UNITED STATES PATENT OFFICE.

JOSIAH B. MAYHEW, OF CAMBRIDGEPORT, MASSACHUSETTS.

## IMPROVEMENT IN POLISHING-MACHINES.

Specification forming part of Letters Patent No. **173,484**, dated February 15, 1876; application filed January 12, 1876.

*To all whom it may concern:*

Be it known that I, JOSIAH B. MAYHEW, of Cambridgeport, of the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Knife-Scourers; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, which is a perspective elevation of a knife-scourer of my improved kind.

In such drawing, A denotes a stationary jaw or block, erected on a flat base, B, and capped by a disk or cushion, *a*, of leather or other suitable material. This jaw or block A, or base, is connected with a movable head or jaw, C, by means of a wire spring, D, formed and applied to said block and head in manner as represented.

The part *b* of the head, that extends above the spring, constitutes a handle, to be grasped by a person in order to force the hand, or a disk, *c*, of leather affixed to its lower end, down upon a knife-blade while resting upon the disk *a*.

A small abutment or guide, E, projecting upward from the block A near its edge, serves to support the back of the knife-blade while the said blade may be pushed forward or drawn backward between the two scouring-surfaces.

The spring not only answers to support the head, but to raise it off or relatively to the block A.

By applying emery or any suitable scouring or polishing powder to the contiguous surfaces of the leather disks or cushions of the parts A and C, and placing a knife-blade between them, and forcing down the head C, so as to compress the blade between the two disks, and moving said blade back and forth between them, it will be scoured, polished, or cleaned.

The spring, by its flexibility, allows the hand to readily adapt itself to the slanting surface of the blade during the scouring operation.

I claim—

1. As a new or improved manufacture, the knife-scourer composed of the cushioned head C and block A, and their connection-spring D, combined, constructed, and arranged as set forth.

2. Also, the combination of the cushioned head A and block C, the connection-spring D, and the guide E, all arranged, constructed, and applied substantially as specified and represented.

JOSIAH B. MAYHEW.

Witnesses:

R. H. EDDY,  
J. R. SNOW.