

DAVID CROWELL, Jr.

Knife Scourers and Sharpeners.

No. 116,029.

Patented June 20, 1871.

Fig. 1.

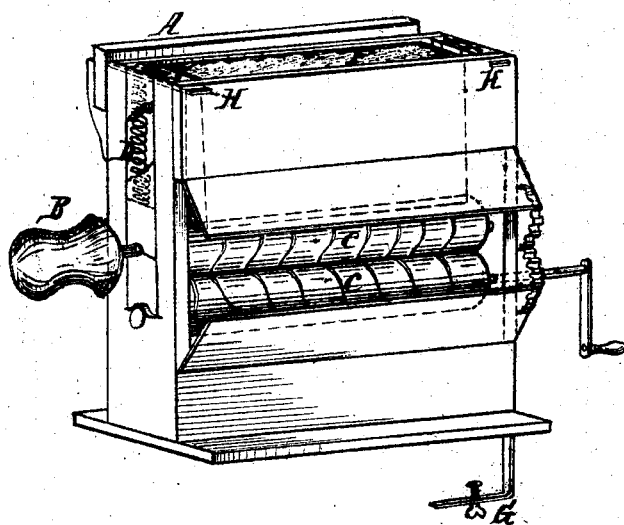
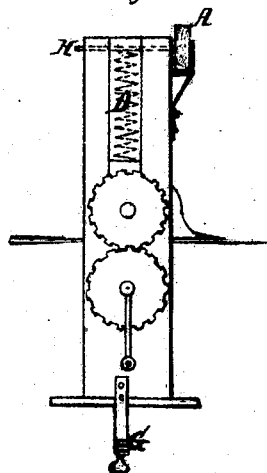


Fig. 2.



Witnesses
James Howard
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UNITED STATES PATENT OFFICE.

DAVID CROWELL, JR., OF YARMOUTH PORT, MASSACHUSETTS.

IMPROVEMENT IN KNIFE-SCOURERS AND SHARPENERS.

Specification forming part of Letters Patent No. 116,029, dated June 20, 1871.

To all whom it may concern:

Be it known that I, DAVID CROWELL, Jr., of Yarmouth Port, in the county of Barnstable, in the State of Massachusetts, respectfully show that I have invented a new and useful Device for Scouring and Sharpening Knives, Forks, Spoons, and other articles; and that the following is a specification of the same.

My invention consists of the combination of two cork-wood rollers, placed in wood, or iron, or brass frame, as represented in Figure 1, which shows a front view of the machine.

A represents a whet-stone, which is placed in a notch or rack fastened either on the front or back part of the machine, and is of a sharp fine texture of stone, the notch or rack holding the stone firmly, as represented in the drawing hereunto annexed. B, in Fig. 1, represents a piece of cork-wood placed on the end of the rollers C C. The convex, as represented by letter B, has a concave for the purpose of scouring the concave of the spoon. C C are the rollers, and are cork-wood, and are pressed close together with two spiral springs placed in the end of the frame, as represented by letter D in Fig. 2. The springs are placed in tubes and are secured by a bar across the top end of the

machine, as represented by letter H in Fig. 1 and letter H in Fig. 2. The rollers C C, represented in Fig. 1, are pressed together by the spring, and the knife is run through between the rollers and immediately receives a fine polish from the brick-dust or emery, which is placed in a hopper or tunnel immediately above the rollers C C in Fig. 1. The rollers receive the brick-dust or emery from the hopper or tunnel, represented by letter F in Fig. 1. Letter G, in Fig. 1, represents a screw and arm by which the machine may be fastened to a table or shelf, so that it can be put in working order.

Claim.

What I claim is—

The combination and arrangement of the rollers C C, the extended roller B, scouring and sharpening devices A and F, journal-boxes with springs D, connecting device G with its gearing and crank to give motion, all as shown, for the purpose described.

DAVID CROWELL, JR.

Witnesses:

JEROME AMOS,
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