

F. W. ECHTERNACH & M. J. WELCH.
 Improvement in Combined Knife and Fork Cleaner,
 Knife Sharpener, and Can Opener.
 No. 123,386. Patented Feb. 6, 1872.

Fig. 1.

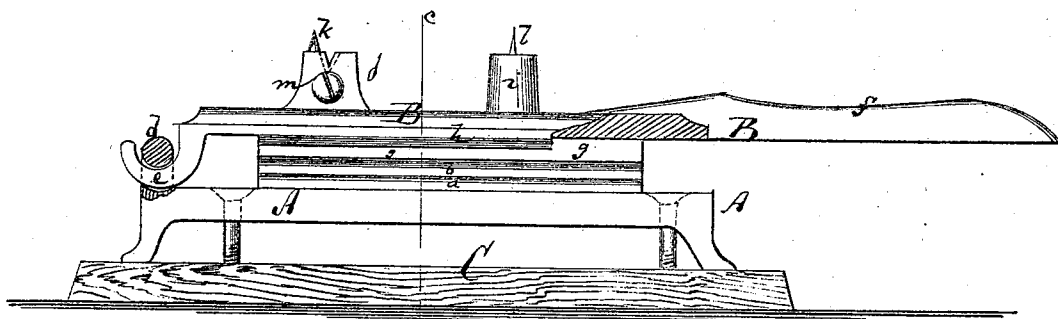


Fig. 2.

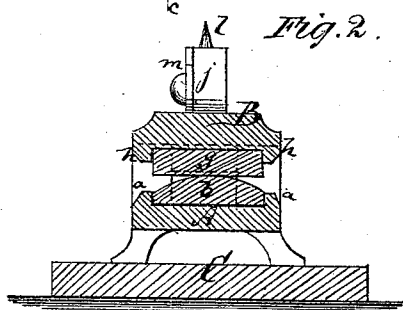
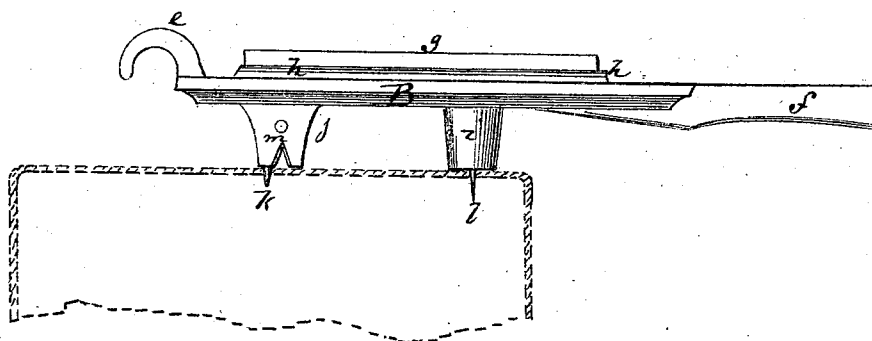


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

FREDERICK W. ECHTERNACH AND MILTON J. WELCH, OF PHILADELPHIA,
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IMPROVEMENT IN COMBINED KNIFE-AND-FORK CLEANERS, KNIFE-SHARPENERS, AND CAN-
OPENERS.

Specification forming part of Letters Patent No. 123,386, dated February 6, 1872.

Specification describing certain Improved Combined Knife-and-Fork Cleaner, Knife-Sharpener, and Can-Opener, invented by FREDERICK WM. ECHTERNACH and MILTON J. WELCH, of Philadelphia, in the county of Philadelphia and State of Pennsylvania.

Figure 1 represents a side view, partly in section, of our improved instrument. Fig 2 is a vertical transverse section of the same on the line *c c*, Fig. 1. Fig. 3 is a detail side view of the upper lever, showing it applied as a can-opener.

Similar letters of reference indicate corresponding parts.

This invention relates to a new instrument, whose objects will fully appear from the title. It is of compact form, and can be produced at a trifling cost, and therefore made accessible to every household. The instrument consists of two principal parts, A and B, A being the fixed lower part or base, and B the movable and removable upper part or lever. The base is made of cast metal or other material, and can, by screws or other means, be secured upon a table or support, C, of suitable kind. Between lips *a a* that project from the sides of the base A is held a hard-grit cake, *b*, with rounded top, as shown. From one end of the base A projects a perforated post or ear *d*. The lever B is also made of cast metal or other material, with a hook, *e*, at one end to catch into and fit through the perforated post *d*, and with a handle, *f*, at the other end. A hard-grit cake, *g*, is affixed to the under

side of the lever, and held between projecting lips *h h* of the same, as shown in Fig. 2. Knives or forks to be scoured are drawn back and forth between the cakes *b g*, and their surfaces properly cleaned by contact therewith. The face of the cake *g* is flat; or, otherwise, that of *b* may be flat, while *g* is rounded, the rounded form being desirable to fit the concave faces of the forks. In posts *i* and *j*, which project from the upper face of the lever B, are, respectively, secured a pin, *k*, and a small cutter, *l*, both of which, when the lever is detached from the base A, as in Fig. 3, can be used for cutting circular pieces out of can-tops. To the face of the post *i* is furthermore secured a steel plate, *m*, having a V-notch to serve as a knife-sharpener. It is used by drawing the blade to be sharpened alternately inclined against the edges of the notch through the same.

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

The combined knife-and-fork cleaner, knife-sharpener, and can-opener, consisting of the base A, cake *b*, and of the lever B, cake *g*, pin *k*, cutter *l*, and notched plate *m*, all combined substantially in the manner herein shown and described,

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