

C. A. HEEGAARD.
Knife Cleaner and Sharpener.

No. 199,976.

Patented Feb. 5, 1878.

Fig. 1.

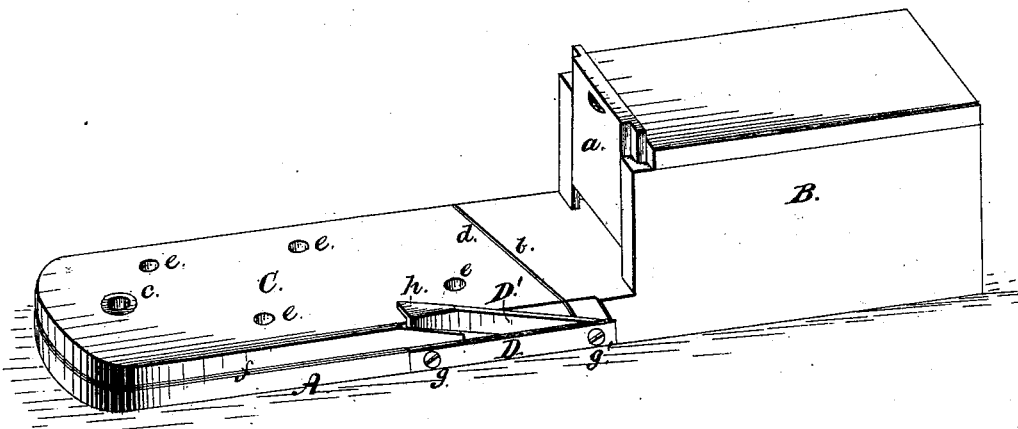
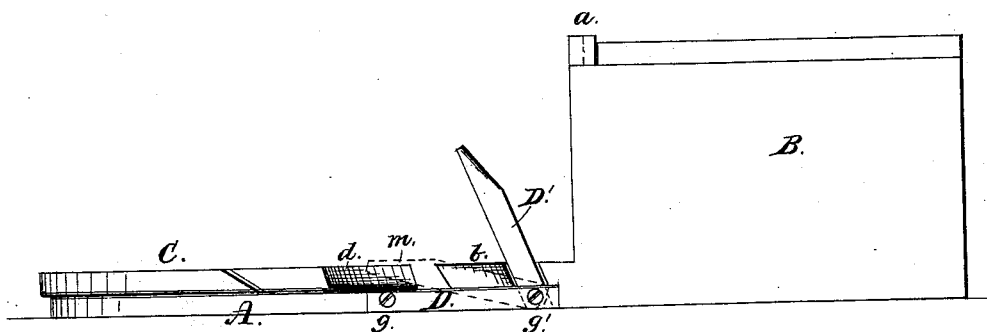


Fig. 2.



WITNESSES
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by Geo. W. Dyer & Co. ATTORNEYS

UNITED STATES PATENT OFFICE.

CHRISTIAN A. HEEGAARD, OF DUBUQUE, IOWA, ASSIGNOR OF ONE-HALF HIS RIGHT TO MONROE M. CADY, OF SAME PLACE.

IMPROVEMENT IN KNIFE CLEANER AND SHARPENER.

Specification forming part of Letters Patent No. **199,976**, dated February 5, 1878; application filed July 16, 1877.

To all whom it may concern:

Be it known that I, CHRISTIAN AUGUST HEEGAARD, of Dubuque, in the county of Dubuque and State of Iowa, have invented a new and useful Improvement in Knife Cleaner and Sharpener; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The object I have in view is the production of a domestic utensil for sharpening and cleaning knives, which will be cheap in construction and convenient and efficient in use; and my invention therein consists in constructing the knife cleaner or scourer in two parts, between which the knife to be cleaned is drawn, one of the parts being pivoted upon the other, and secured thereto, when closed, by a beveled joint; in providing the cleaner or scourer with a knife-sharpener the pivoted jaw of which acts as a clasp to hold the swinging part of the cleaner in a closed position; and, further, in the construction and arrangement of the several parts composing my knife cleaner and sharpener, as fully hereinafter explained.

In the accompanying drawings, making a part of this specification, Figure 1 is a perspective view, and Fig. 2 a side elevation with the parts of the cleaner separated.

A represents the back-board of the utensil, of long and narrow form, to the lower part of which is attached a rectangular brick-holding box, B, having a sliding cover, *a*. This box projects only on one side of the back-board, so that the utensil can be laid down flat, and, being at the lower end of such back-board, forms a base upon which the utensil can stand.

The box is made the size of the ordinary brick for cleaning knives, which it is adapted to hold; but its size and shape may be changed, if desired.

The face of the back-board, in front of the brick-box, is provided with a beveled shoulder, *b*, running obliquely across such back-board, and forward of this shoulder the said back-board is diminished in thickness, as shown.

C is a strip of wood of the same width as the back-board A, and pivoted at its upper end to the face of such back-board by a large eyelet, *c*. This eyelet is riveted through the two pieces, and serves as a hole by which the utensil can be hung up. The strip C extends down to the shoulder *b*, and its lower end *d* is cut obliquely and beveled to fit snugly against the said shoulder.

A number of holes, *e*, may be bored through the piece C, and the under side of this piece and the face of the back-board from the shoulder *b* to its upper end are covered with leather or other suitable material, as shown at *f*.

D is a strip of steel, beveled on its upper edge, which is secured by screws *g g'* to the edge of the back-board, commencing just below the shoulder *b* and extending above the same. This strip is the stationary jaw of a knife-sharpener, and its upper edge is arranged nearly flush with the face of the back-board, so as not to interfere with the movement of the pivoted piece C. A pivoted jaw, D', with a beveled edge, is secured at its lower end between the strip D and the back-board, and works behind such strip D, its movement being limited by suitable shoulders. When the pivoted jaw is shut down it holds the piece C in place, and the upper end *h* of this jaw is turned over to form a lip, by which it can be moved.

For cleaning or scouring a knife, the piece C is closed upon the back-board and the knife inserted between them. Pulverized brick-dust may then be dropped through the holes *e*, and the knife moved back and forth, by which it can be readily scoured. By swinging the piece C around, the knife may be cleaned by rubbing the same alone upon the back-board.

The knife may be sharpened at the same time it is cleaned by running it between the jaws D D'; or the piece C may be turned on its pivot and the jaw D' held by the thumb in the position shown by dotted lines in Fig. 2.

By having the jaw D' pivoted it allows the wear to be distributed along the edge of such jaw, while it adapts it for use as a clasp to hold the pivoted part of the knife-cleaner in place.

The oblique and beveled joint *b d* holds the

piece C from lifting when the knife is being cleaned, and also adapts it to be held by a single clasp.

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

1. The knife-cleaner having a pivoted piece, C, held in place by a beveled joint, *b d*, substantially as described and shown.

2. The pivoted jaw D' of a knife-sharpener, forming a clasp to hold the swinging part of a knife-cleaner in place, substantially as described and shown.

3. The utensil for cleaning and sharpening knives, consisting of the back-board A, brick-box B, swinging piece C, and jaws D D', all constructed and arranged substantially as described and shown.

This specification signed and witnessed this 15th day of May, 1877.

CHRISTIAN AUGUST HEEGAARD.

Witnesses:

MONROE M. CADY,
W. A. LEATHERS.