

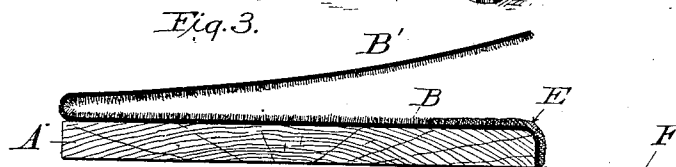
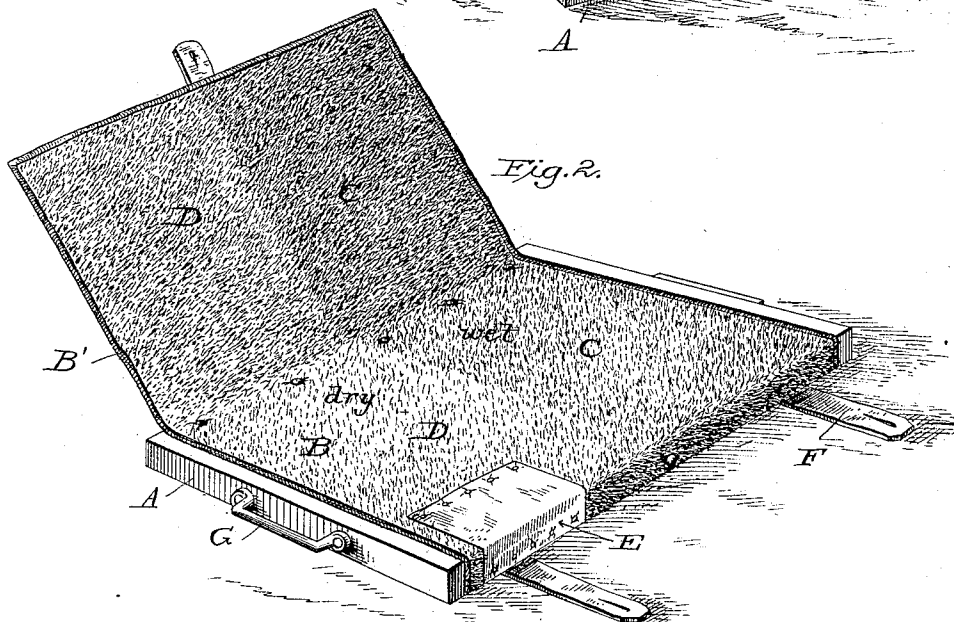
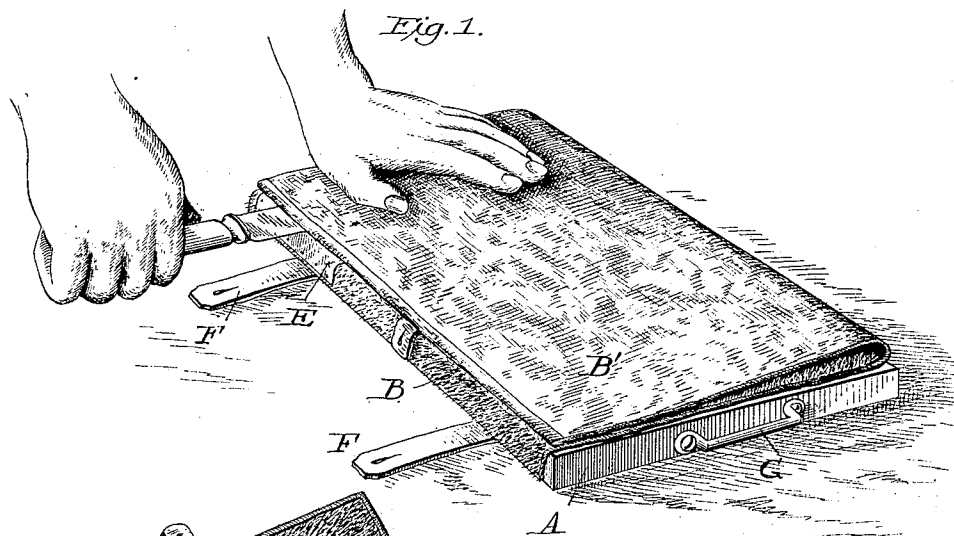
(No Model.)

J. B. RILEY.

KNIFE POLISHER AND CLEANER.

No. 360,174.

Patented Mar. 29, 1887.



Witnesses:

James P. Duhamel
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UNITED STATES PATENT OFFICE.

JOHN BYRON RILEY, OF TORONTO, ONTARIO, CANADA.

KNIFE POLISHER AND CLEANER.

SPECIFICATION forming part of Letters Patent No. 360,174, dated March 29, 1887.

Application filed July 1, 1886. Serial No. 206,829. (No model.) Patented in Canada January 12, 1886, No. 23,156.

To all whom it may concern:

Be it known that I, JOHN BYRON RILEY, gentleman, of Toronto, in the county of York, Ontario, Canada, have invented certain new and useful Improvements in Knife Cleaners and Polishers, (for which I have received Letters Patent in Canada, No. 23,156, dated January 12, 1886,) of which the following is a specification.

My invention relates to knife cleaners and polishers, and has for its object to reduce the labor and trouble in cleaning and polishing knives, as well as to reduce the wear caused by the manner in which they are now cleaned and polished.

In the drawings, Figure 1 is a perspective view of my improved knife cleaner and polisher in use; Fig. 2, a view showing the same opened, and Fig. 3 a cross-sectional view.

A indicates a block, preferably of wood and of any desired shape or form; and B, a covering of carpet, woolen goods, or other suitable textile fabric, secured to the block A at the front and rear edges of the latter. The covering B is of about twice the width of the block A, and is secured to the rear edge of the latter about on a line passing through its middle, thus enabling the covering B to be folded over upon itself and forming a flexible textile leaf, B', as shown in Figs. 1 and 2. The covering B may be secured to the block by means of tacks, cement, or in any manner desired.

The covering B, or at least that portion secured to the block A, is divided into two parts, C and D, which may or may not be separated from each other by a strip, as desired. One of these portions, C, is to be dampened and sprinkled over with any suitable cleaning or polishing powder or material, while D is designed to be kept always dry. Upon the forward edge of the portion D is secured a surface, E, of chamois-skin, rough leather, crocus-cloth, or similar material, and where the skin E passes over the edge of the block A the latter is rounded or beveled.

From the above construction it follows that by placing the knife upon the previously-prepared portion or surface C, and bringing the flap or leaf B' to bear thereupon, it is only necessary to move the knife back and forth

longitudinally with one hand, the other hand being left free to hold the flap or leaf firmly down upon the knife, and, besides, pressing the latter upon the cleaning-surface, escape of dirt and dust into the room is prevented. After the knife has been cleaned it is moved over the dry portion D, where it is polished. By making the edge of the block beveled I am enabled to clean and polish the shoulder at the end of the handle of the knife.

I provide the block A with handles G at each end, by which to carry the device, and I provide a strap, F, by which to hang the cleaner up when not in use, the powder being prevented from escaping or dropping out because of the folding of the covering B upon itself.

I am aware that it has been proposed to construct knife-cleaners of textile material secured to boards which were hinged together; but I believe that my device is much better than those referred to, because of its simplicity and cheapness.

By the employment of the flexible textile leaf or flap B', I am enabled to apply pressure with the hand to a greater or less extent, and am also enabled to adapt the cleaner to other articles than knives, as the flexibility of the flap or leaf allows the latter to adapt itself to the contour or inequalities in the surfaces of different articles, which result cannot be secured where the top and bottom surfaces are secured to unyielding blocks.

Having thus described my invention, what I claim is—

1. In a knife-cleaner, in combination with a block, A, a covering, B, secured thereto, and provided with a flexible flap adapted to be folded upon that part of the covering secured to the block, substantially as shown and described.

2. In a knife-cleaner, in combination with a block, A, a textile covering, B, secured thereto, and a flexible textile flap, B', secured at one edge to the block and adapted to be brought over upon the covering B, as and for the purpose described.

3. In a knife-cleaner, in combination with block A, a textile covering, B, secured to the block and provided with a flap, B', adapted

to be folded over upon the covering B, a fast-
ening for securing the parts B B' together, and
a strap, F, applied to the device at the front
side thereof, whereby when the device is hung
5 up the escape of polishing material is pre-
vented.

4. In a knife-cleaner, the combination, with
the block A and covering B, secured thereto,
provided with portions C D, of flap B' and
10 covering or surface E, secured to the portion
D, all substantially as shown.

5. In combination with block A, provided
with textile covering material B and flap B'
and rounded on one edge, substantially as
shown, polishing material E, covering a por- 15
tion of the block and secured over the rounded
edge, as and for the purpose set forth.

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Witnesses:

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