

O. W. JOHNSON.
DOUBLE BLADED TOOL.
APPLICATION FILED SEPT. 18, 1909.

978,165.

Patented Dec. 13, 1910.

Fig. 1.

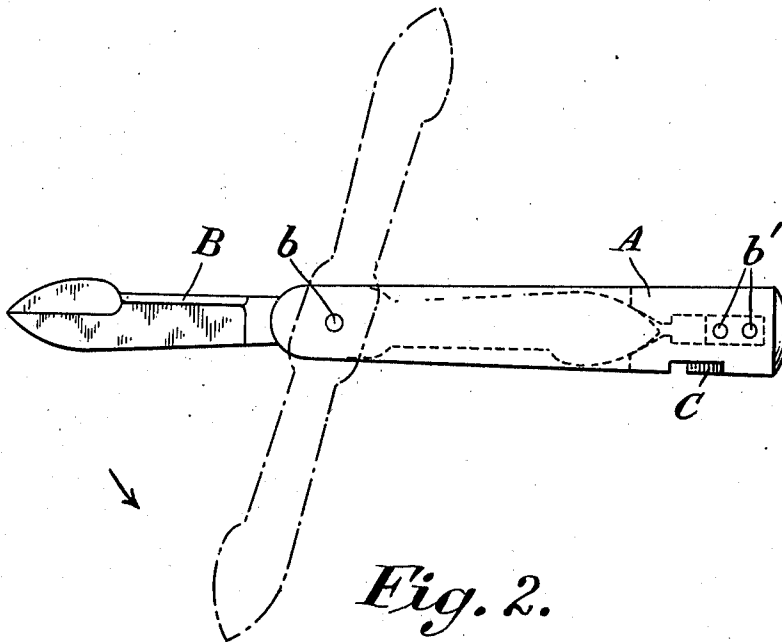


Fig. 2.

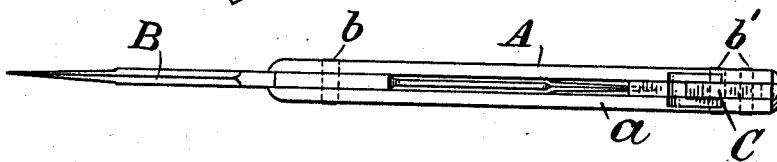
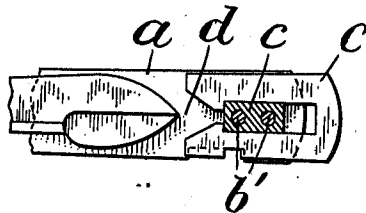


Fig. 3.



Attest.

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UNITED STATES PATENT OFFICE.

OSCAR W. JOHNSON, OF HACKENSACK, NEW JERSEY, ASSIGNOR OF ONE-HALF TO J. ALLEN GREGORY, OF NEW YORK, N. Y.

DOUBLE-BLADED TOOL.

978,165.

Specification of Letters Patent.

Patented Dec. 13, 1910.

Application filed September 18, 1909. Serial No. 518,387.

To all whom it may concern:

Be it known that I, OSCAR W. JOHNSON, a citizen of the United States, and a resident of Hackensack, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Double-Bladed Tools, of which the following is a specification.

My invention relates to that class of tools, or implements, mostly knives of some sort, which are provided with a double or double-pointed blade and the object of my invention is to provide such an implement, or tool, with a double-pointed blade in which one of the points remains concealed within the body or handle of the tool while the other point of the blade extends outwardly from the body in position to be used;— and so arranged that the blade may be easily and quickly turned around by the release of a suitable catch so that one point or cutting edge may be substituted for the other.

While my invention is, perhaps, more especially intended to be used as what is known as a desk knife for removing ink-blots and blunders in manuscript, it is also intended, and perhaps quite as largely, for use in quite a variety of implements among which may be mentioned, hunting knives, clasp-knives, paper-cutters, chisels, and other knives, tools, and implements in which a blade projects as a continuation of a shank or handle.

As a hunter's knife, the importance of my invention may be appreciated from the fact that the breaking, or bending, of the blade may lead to serious or fatal consequences which would be instantly avoided if a second blade could be at once substituted for the broken or bent blade.

In ordinary use the purpose of turning the blade around so as to substitute a fresh cutting edge is to replace a dull blade with a sharp one, but in emergencies as above indicated, the object is to substitute a whole blade for a broken or bent one. This applies to all the different forms in which my invention may be embodied and whatever may be the use to which the invention is applied.

In the accompanying drawing I have shown my invention in the form of a desk knife, for simplicity of illustration.

Figure 1 is a side view. Fig. 2 is an edge view. Fig. 3 is a detail showing one side plate removed to display the locking catch.

Same letters indicate similar parts in the different figures.

A, is the handle, preferably formed of two side-pieces or plates, *a, a*, preferably held together by the rivets *b, b', b'*.

B, is the double-pointed blade which turns on the rivet *b*, as a pivot, so that one cutting surface projects as shown in Fig. 1, in full lines, while the other cutting surface or point remains covered and protected by the handle as shown in dotted lines.

C, is a locking catch which is preferably a slotted plate of hard rubber, or other suitable material, adapted to slide in and out of the end of the handle, being held from turning by the nut *c*, which is held stationary between the sides of the handle by the rivets *b', b'* which pass through the side plates *a, a*, and presenting a flaring mouth *d* of size and shape corresponding with those of the point of the knife blade sufficiently at its inner end, to receive and hold firmly the point of the knife-blade as shown. It will be readily understood that this double-pointed blade can be quickly turned, end for end, as indicated by the broken lines in Fig. 1, by simply sliding back the catch C, enough to release the point of the knife-blade and then turning the blade by hand. This same construction, with a differently shaped blade will apply to all the uses above indicated, it being understood that in each case the shape of the blade will conform to the uses for which it is intended.

I claim:—

A double-bladed tool consisting of a suitable handle, a double-pointed blade, pivoted between its ends therein and a holding device for the point of the inner end of said blade which consists of a slotted plate with flaring mouth located between the side pieces of the handle and a nut located in the slot of said plate and engaged between the handle pieces, whereby said plate is adapted to slide and release said point.

OSCAR W. JOHNSON.

Witnesses:

HELEN G. MURPHY,
W. P. PREBLE, Jr.