(No Model.)

J. A. WILSON.

POCKET KNIFE.

No. 304,481. Patented Sept. 2, 1884.

Fig. 1.

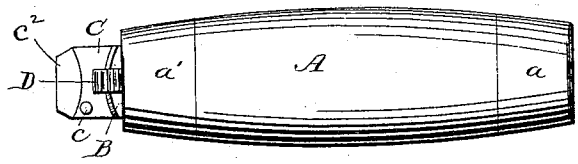


Fig. 2.

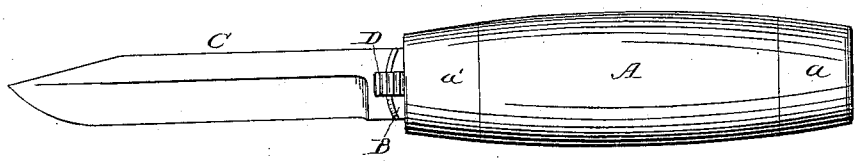


Fig. 3.

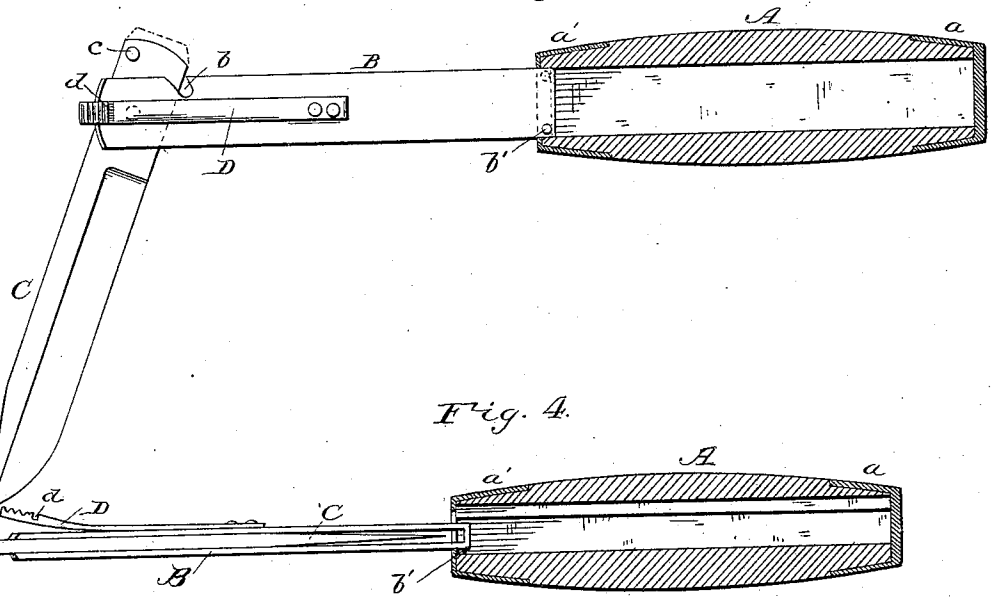
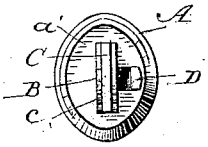


Fig. 4.

Fig. 5.



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UNITED STATES PATENT OFFICE.

JOHN A. WILSON, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO JOSEPH R. TORREY, OF SAME PLACE.

POCKET-KNIFE.

SPECIFICATION forming part of Letters Patent No. 304,481, dated September 2, 1884.

Application filed May 27, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. WILSON, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Pocket-Knives, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of my invention is to provide a convenient and strong pocket-knife for the use of mechanics and others, which cannot possibly close on the fingers of the user, and which may be readily closed and opened. My knife is made in such a manner as to avoid objections incidental to some pocket-knives which cannot be accidentally closed heretofore in use, in which the blade and its stock or sheath may be entirely detached from the handle, and thus one part may be lost or separated from the other.

In the drawings, Figure 1 represents my improved knife closed. Fig. 2 is a view of the same open, ready for use. Figs. 3 and 4 are different views of the same, with the sheath drawn out of the handle, and the latter in section; and Fig. 5 is an end view.

A is the sheath or handle, provided with ferrules *a* and *a'*, the former being preferably rather thick at the end, as shown in the sectional views, so that it will serve as a hammer for driving tacks or small nails, if desired.

B is a case or stock fitted to slide within the handle A; and to said case or stock is pivoted the blade C. A pin, *c*, on the latter, entering a slot, *b*, in the former, serves to limit the movement of the blade when the latter is opened.

D is a spring-catch, shown as being fastened to the stock or case, and extending toward the blade, said catch being provided with a notch, *d*, adapted to engage with a lip on the ferrule *a'*. Instead of being fastened to the stock or case, the spring-catch might be fixed to the handle and adapted to engage a suitable projection on the stock near the blade; but the arrangement shown is deemed preferable.

To prevent the blade-carrying stock or case from being entirely detached from the handle, a pin or stop, *b'*, is fixed to the former in such position that when the stock is drawn out, as shown in Fig. 4, said pin will impinge against a lip on the ferrule *a'*, and thus arrest the further outward movement of the said stock, thus obviating any possibility of the stock and handle becoming separated from each other.

To adapt my knife to be used as a screw-driver or as a chisel for opening cigar-boxes, and for similar purposes, the rear end of the blade may be provided with a blunt-pointed extension, c^2, as shown in Fig. 1.

When it is desired to open my knife, the spring-catch D is pressed inward, to release it from the ferrule; and, when thus released, the sliding case or sheath may be drawn out from the handle, as indicated in Fig. 4, the stop *b'* preventing said stock from becoming entirely detached from the handle, as above explained. When the stock has been extended to its full limit, the blade C may be swung around until the pin *c* strikes the bottom of the slot *b*, the blade being then extended in a line with the stock. The latter will next be slid back into the handle until the spring-catch again engages the ferrule. The rear end of the blade being then within the handle, (see Fig. 2,) said blade will be firmly held so that it cannot turn on its pivot, and thus any accidental closing of the knife, when in use, will be prevented.

I am aware of Patent No. 149,146, and hereby disclaim the construction therein shown; but

What I do claim, and desire to secure by Letters Patent, is—

1. A knife consisting of the combination of a sheath or handle, a stock fitted to slide therein, a blade pivoted to the forward end of said stock, a stop on the rear end of said stock to limit its outward movement from the handle, and a spring-catch secured to said stock and extending toward the end thereof to which the blade is pivoted, for holding said stock and handle together when desired, substantially as set forth.

2. The combination, with a stock or handle, of a reversible knife-blade, the rear end of which is provided with an extension adapted to serve as a screw-driver or chisel when the said blade is closed, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN A. WILSON.

Witnesses:
L. H. TORREY,
FRANK. S. HALE.