

1,022,494.

W. J. MINTER.
POCKET KNIFE.
APPLICATION FILED MAY 18, 1911.

Patented Apr. 9, 1912.

Fig. 1.

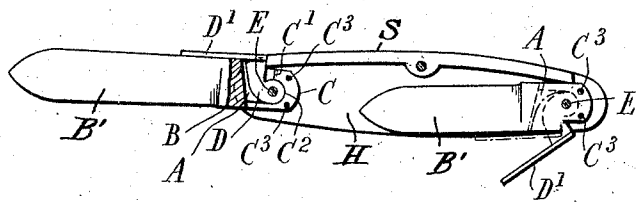


Fig. 2.

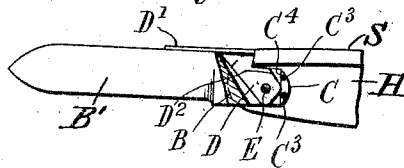


Fig. 3.

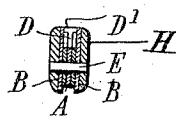


Fig. 1^a.



WITNESSES.

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UNITED STATES PATENT OFFICE.

WALTER JOHN MINTER, OF LONDON, ENGLAND.

POCKET-KNIFE.

1,022,494.

Specification of Letters Patent.

Patented Apr. 9, 1912

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To all whom it may concern:

Be it known that I, WALTER JOHN MINTER, a subject of the King of Great Britain, residing at St. Michael's House, Basinghall street, in the city of London, England, whose post-office address is St. Michael's House, Basinghall street, in the city of London, England, have invented certain new and useful Improvements Relating to Pocket-Knives, of which the following is a specification.

This invention relates to pocket knives of the kind provided with fittings connected with the tangs of the blades for the purpose of enabling them to be readily opened by a lever action.

The object of this invention is to produce a fitting of the indicated type which is mounted within a recess in the tang and pivoted on the blade pivot, and so constructed and arranged as not to interfere with the blade spring or frictional surfaces of the blade tangs.

In the accompanying drawings Figure 1 is a partly sectional side elevation of a two-bladed knife fitted with my invention, one of the scales being removed; Fig. 1^a is a perspective view of the fitting piece C; Fig. 2 is a part sectional elevation of a modification; and Fig. 3 is a transverse section of the knife, taken at the pivot E, with the blade closed.

The same letters of reference are used to indicate the same or corresponding parts in all three figures.

In the drawings, H indicates the knife handle with blades B' pivoted thereto and normally held in an open or closed position by a spring S.

According to this invention I make a longitudinal incision A in the rear of the tang B of the blade B' to receive the two parts of my fitting. The rear part C of the fitting is preferably a part refill of the portion of the tang of the blade cut away by the incision.

In the form shown in Fig. 1 the refill part C is provided with a top forward horn or projection C' and with a curved recess C² to receive the heel of the front part D of the fitting. The rear part C of the fitting is pinned to the tang within the incision by means of the pins C³, and the front part D of the fitting is mounted on the blade pivot E. The said front part D is provided with a handle or trigger D' for raising it. To

open the blade B' the handle or trigger D' is raised causing the part D to be turned upon its pivot E until it engages with the forward horn or projection C' on the rear part C of the fitting whereupon the independent movement of the handle or trigger pieces ceases and the blade commences to open.

In the modification shown in Fig. 2 the refill part C is provided with a straight front side or shoulder C⁴, and the trigger piece D is provided with a straight rear side D² to engage with the straight side or shoulder C⁴ when opening the blade.

With reference to Figs. 1 and 2, it will be seen that, when the blade B' is open to its fullest extent, the spring S engages the part D and retains the handle D' against the back of the blade. In this position, the handle D' does not interfere with the material through which the blade is passed and permits free use of the knife without awkward projections or the like.

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

1. A pocket knife comprising in combination, a handle, a blade pivoted thereto, a stop carried by said blade, a lever pivoted concentrically of said blade adapted to rest against the back thereof, and provided with an offset portion for engagement with said stop, whereby the blade may be opened by said lever, and means carried by said handle engaging said offset portion of said lever, when the blade is open, for retaining the same against the back of the blade.

2. A pocket knife comprising in combination, a handle, a blade pivoted thereto, a stop carried by said blade, a pivotally mounted lever adapted to rest against the back of the said blade and provided with an offset portion for engagement with said stop, whereby the blade may be opened by said lever, and means carried by said handle engaging said lever, when the blade is open, for retaining the same against the back of the blade.

3. A pocket knife comprising, a handle, a blade pivoted thereto and provided with a longitudinal central incision in the tang thereof, a main spring for normally retaining said blade in a closed or open position, a stop within the said incision of said blade, a cam within said incision pivoted concentrically with said blade and adapted

to engage said stop when the blade is closed
and to engage said main spring when the
blade is open, and a lever for actuating
said cam and normally extending longitudi-
nally of said blade and at the back there-
of, combined substantially as and for the
purpose set forth.

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit-
nesses this 10th day of May 1911.

WALTER JOHN MINTER.

Witnesses:

RIPLEY WILSON,
R. T. WILLIAMS.