May 9, 1950 C. S. JOHNSON 2,507,019

KNIFE WITH REVERSIBLE BLADE

Filed Dec. 6, 1946

Fig. 1.

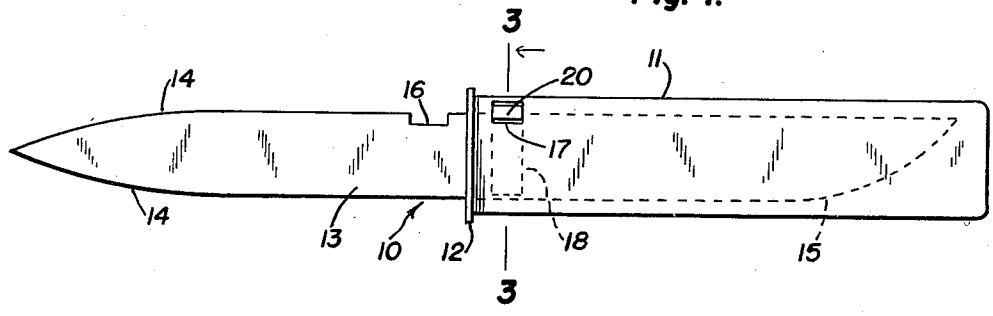
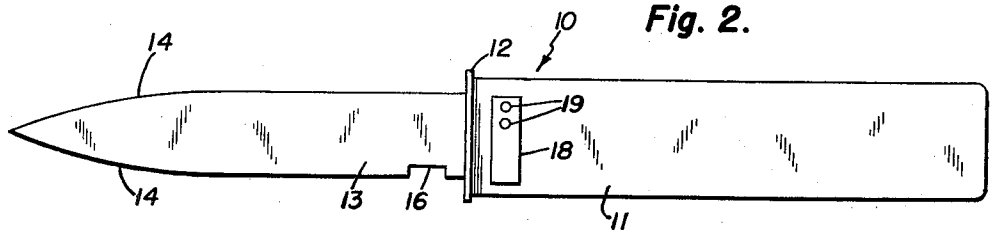


Fig. 2.



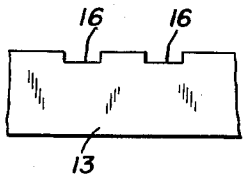


Fig. 4.

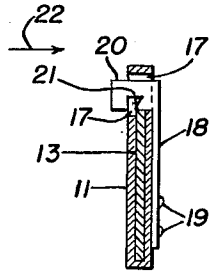


Fig. 3.

Inventor

Carl S. Johnson

By Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

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KNIFE WITH REVERSIBLE BLADE

Carl S. Johnson, Seattle, Wash.

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1 Claim. (Cl. 30—151)

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This invention relates to new and useful improvements and structural refinements in knives, and the principal object of the invention is to provide a device of the character herein described, which embodies in its construction what may be referred to as a reversable blade, whereby the knife may be effectively employed for the performance of double duty, such as for stabbing and for skinning.

A further object of the invention is to provide a knife wherein the blade may be easily and conveniently reversed, and which, as a whole, may be conveniently manipulated.

Another object of the invention is to provide a knife which is simple in construction and which will not easily become damaged.

An additional object of the invention is to provide a knife which will readily lend itself to economical manufacture.

With the above more important objects in view, and such other objects as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation of the invention.

Figure 2 is an elevational view, showing the opposite side thereof.

Figure 3 is a cross sectional view, taken substantially in the plane of the line 3—3 in Figure 1, and

Figure 4 is a fragmentary elevational view of the blade used in the invention.

Like characters of reference are used to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention consists of a knife designated generally by the reference character 10, the same embodying in its construction an elongated sheath 11, forming what may be referred to as a handle, the same being closed at one end and being provided at its remaining end with an out-turned flange plate 12.

A suitable blade 13 is formed with cutting edges 14 and 15 at both end portions thereof, the cutting edges at one end portion of the blade (14) being adapted for stabbing, while the cutting edges at the remaining end portion (15) being adapted for skinning.

The mid-portion of the blade 13 is formed at one edge thereof with a pair of notches constituting keeper seats 16, while the sheath 11 is provided adjacent the plate 12 with a pair of transversely aligned openings 17.

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A resilient strip 18 is secured adjacent one end thereof by means of a pair of rivets 19 to the sheath 11, the remaining end portion of the strip being angulated and constituting a detent 20. It will be noted that the detent 20 extends through the openings 17 and that it is provided with a notch or recess 21, the purpose of which will be presently explained.

When the invention is placed in use, the end portions of the blade 13 are selectively receivable in the sheath 11, so that either the cutting edge 14 or the cutting edge 15 may be employed. The blade is releasably retained in position by means of the detent 20, the same being selectively engageable with the notches 16.

When it is desired to reverse the blade, that is, to remove the same from the sheath 11 and to insert the relatively opposite end portion thereof into the sheath, it is only necessary to depress the detent 20 in the direction of the arrow 22, so that the recess 21 will be substantially aligned with the blade and sufficient clearance will thus be provided to facilitate the withdrawal and subsequent re-insertion of the blade in the sheath.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and accordingly, further description thereof at this point is considered unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

What I claim as my invention is:

In a knife, the combination of an elongated sheath having a closed end and an open end, an elongated blade slidable longitudinally in said sheath through the open end thereof, said blade being of such length that substantially a half thereof may be accommodated in the sheath while the remaining half projects outwardly therefrom, an intermediate portion of the blade having an upper longitudinal edge provided with a notch, the open end portion of the sheath having opposite side walls thereof provided with transversely aligned openings, a resilient strip secured at one end thereof to the outer surface of one of said side walls and having a free end portion extending over the opening therein, and a lateral detent provided at the free end of said strip and extending transversely through the openings to afford a projecting finger piece at

the remaining side wall, said detent having a lower edge portion disposed in said notch to lock said blade in said holder, and the lower edge portion of the detent being provided with a recess which is normally offset from said blade but is registrable with the upper edge portion of the blade when said finger piece is pressed inwardly, whereby the blade may be withdrawn longitudinally from said sheath.

CARL S. JOHNSON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
821,176	Leland	May 22, 1906
1,357,398	Haywood	Nov. 2, 1920
1,940,855	Friedman	Dec. 26, 1933
2,343,175	Ewinger	Feb. 29, 1944