

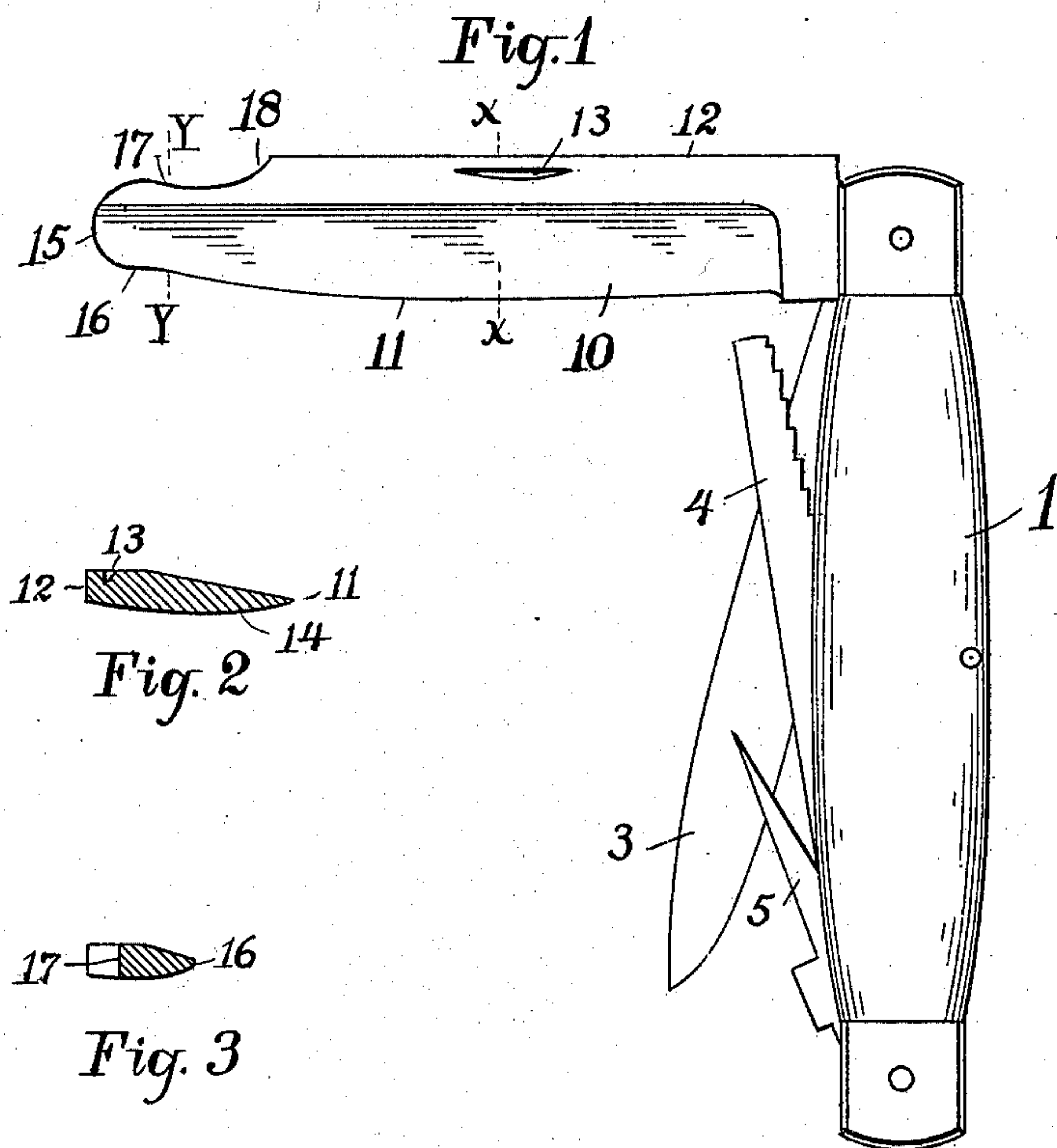
No. 692,092.

Patented Jan. 28, 1902.

J. B. UPHAM.  
POCKET KNIFE.

(Application filed Nov. 16, 1901.)

(No Model.)



Witnesses,

Benjamin N. Upham.

Flora M. Watson

Inventor,

James B. Upham;

By *A. B. Upham,*  
His Attorney.

# UNITED STATES PATENT OFFICE.

JAMES B. UPHAM, OF MALDEN, MASSACHUSETTS.

## POCKET-KNIFE.

SPECIFICATION forming part of Letters Patent No. 692,092, dated January 28, 1902.

Application filed November 16, 1901. Serial No. 82,565. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. UPHAM, a citizen of the United States, and a resident of the city of Malden, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Pocket-Knives, of which the following is a full, clear, and exact description.

This invention is in the line of pocket-knives in which a single handle is provided with several blades or members each constructed for a different function; and the object of my invention is the construction of such a knife in which one of the blades shall be adapted for use as a draw-shave or "spoke-shave," as it is often termed.

Referring to the drawings forming part of this specification, Figure 1 is a side view of a pocket-knife made in accordance with my invention; several blades or members of different functions being indicated as partially opened from the handle, while the blade constituting my invention is represented in its normal position for use. Fig. 2 is a transverse section of said blade on the line X X in Fig. 1; and Fig. 3 is a transverse section of the same on the line Y Y.

The specific construction of the handle 1 is immaterial to the essence of my invention, as also the fact whether all the blades are hinged to the blade at the same end or divided between the two ends, as shown. I prefer to arrange the same as shown, however, and to provide it with four blades or members—as the knife-blade 3, the saw 4, the awl 5, and the draw-shave blade 10. The construction of said blade 10 to adapt it for the purpose specified is as follows: In many respects said blade is much like a strong knife-blade, being formed with a sharp edge 11, a strong back 12, and the usual thumb-nail-engaging groove 13. What particularly distinguishes this blade is its curved under surface 14 and the peculiar formation of its extremity. This extremity is not pointed, as in most knife-blades, but is given a semicircular curve 15, terminating toward the edge 11 in a narrow but rounded edge 16, as shown in Fig. 3, while in the direction of the back 13 it extends approximately parallel therewith, but incurved for a short distance, and terminates in the shoulder 18.

The purpose of said section 17 is to provide a seat for the left forefinger of the user thereof while his right hand grasps the handle 1. Thus pulling upon the device, with his right hand on the handle and his left forefinger against the seat 17, the blade 10 is used in the same manner as the ordinary draw-shave, and so serves the purpose of a most efficient tool in such small carpentry-work as its owner may desire to perform. The seat 17 being broad, as shown in Fig. 3, permits the finger to be strongly pressed thereagainst without discomfort, while the dull curved extremity 15 enables the other fingers of the left hand to rest against the end of the blade, and so insure the safety of the forefinger in the seat 17, for should the finger slip from said seat during the return stroke of the implement there might be danger of the thumb or other fingers coming in contact with the edge 11 and a bad cut ensue. To this same end the rounded edge 16 enables the thumb or other fingers to come in contact with the outer portion of the blade along its edge, both without danger of injury and to insure a grip thereon. The shoulder 18 also assists in the security of the user's finger within the seat 17 by preventing the same from slipping along the back of the blade should the balance of the fingers not be in contact with the curved end 15 or rounded edge 16.

As shown in Fig. 2, the under surface of the blade 10 is slightly curved to enable the user to vary the thickness of shaving being cut, such rounded surface 14 causing the edge 11 to be raised or lowered with respect to the wood being shaved as the handle 1 is canted up or down.

I do not restrict myself to the particular grouping of members illustrated nor to the blade 10 being one of several members, as it may be provided with a clasp-handle of its own wholly separate from any other blade.

What I claim as my invention, and for which I desire Letters Patent, is as follows, to wit:

1. The combination with a suitable handle, of the blade secured at one end to said handle and formed at its other end with the seat and the curved thick end, substantially as described.



2. As a new article of manufacture, the combination with the clasp-handle, of the blade pivoted at one end thereto and formed at its other end with the broad seat, the curved end, 5 the shoulder and rounded edge opposite to the seat, one surface of the blade being slightly rounded, substantially as described.

In testimony that I claim the foregoing invention I have hereunto set my hand this 14th day of November, 1901.

JAMES B. UPHAM.

Witnesses:

BENJAMIN N. UPHAM,  
A. B. UPHAM.