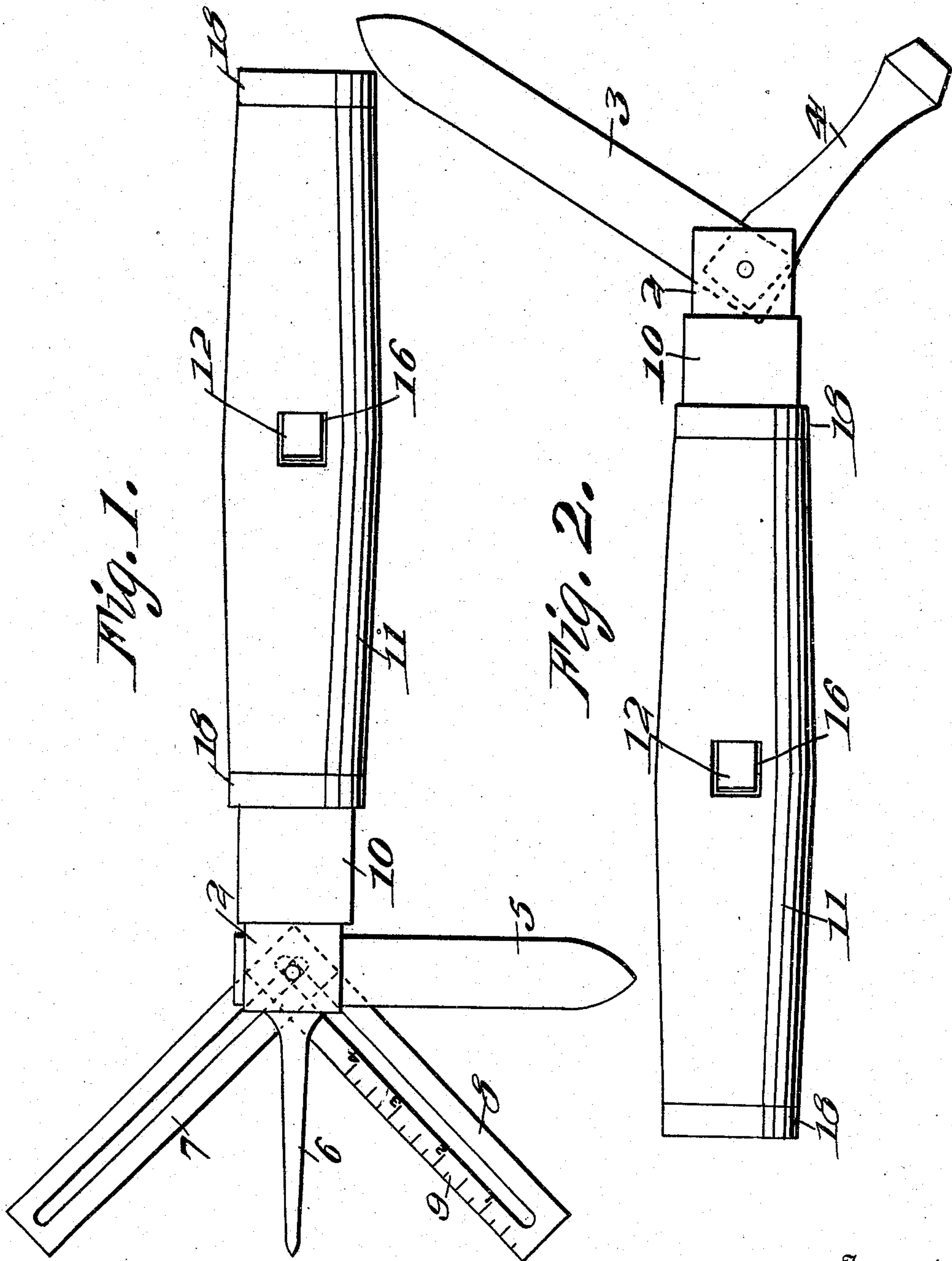


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POCKET KNIFE.
APPLICATION FILED APR. 12, 1909.

930,548.

Patented Aug. 10, 1909.
2 SHEETS—SHEET 1.



Witnesses
E. D. Brown.
C. H. Giesbauer.

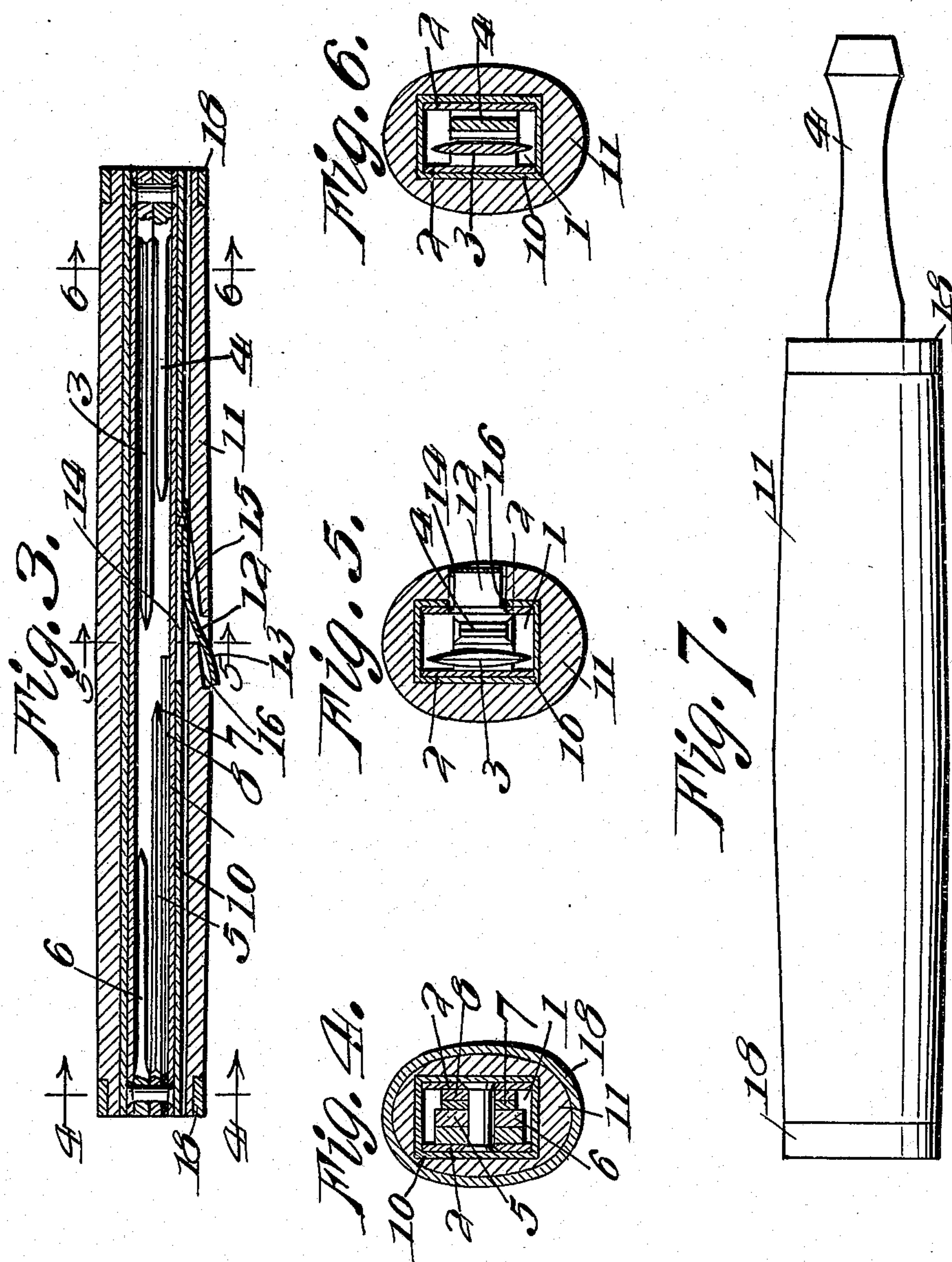
Inventor
Victor A. Johnson,
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Attorneys

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UNITED STATES PATENT OFFICE.

VICTOR A. JOHNSON, OF GULLIVER, MICHIGAN.

POCKET-KNIFE.

No. 930,548.

Specification of Letters Patent.

Patented Aug. 10, 1909.

Application filed April 12, 1909. Serial No. 489,479.

To all whom it may concern:

Be it known that I, VICTOR A. JOHNSON, a citizen of the United States, residing at Gulliver, in the county of Schoolcraft and State of Michigan, have invented certain new and useful Improvements in Pocket-Knives, and do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a carpenter's pocket knife and has for its object to provide a simple tool of this character which may be carried in the pocket of the carpenter without inconvenience and which embodies a knife, a screw driver, a marker, a scale and T square.

A further object of the invention is to so construct the tool that either of the above-named tools may be withdrawn from the casing for use.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1, is a side elevation with the tools at one end of the device opened. Fig. 2, is a similar view with the tools at the opposite end of the device opened. Fig. 3, is a horizontal longitudinal section with the devices closed. Fig. 4, is a transverse section on line 4—4 of Fig. 3. Fig. 5, is a similar view on the line 5—5, of Fig. 3. Fig. 6, is a similar view on line 6—6 of Fig. 3; and Fig. 7, is a side elevation of the casing with the screw-driver in operative position.

In the embodiment illustrated, the device comprises a frame 1 consisting of two corresponding plates 2. Pivoted at one end of the frame between said plates is a knife and screw driver 3 and 4, respectively. A knife 5 and marking tool 6 is pivoted at the opposite end of the frame, between the frame plates and also a pointed marking tool 6. This end of the frame is also provided with a pair of longitudinally slotted slide bars 7 and 8, respectively, the former of which is provided at one edge with a scale 9 to adapt it for use as a ruler, if desired. The slide bars 7 and 8 may be extended, if desired, to form a square. The plates 2 and the knife, screw driver, and other tools mounted there-

in fit within a casing 10, of approximately rectangular form in cross section and which may be formed from a single piece of metal bent to the desired form. The casing 9 also fits within a protective frame 11 of wood or any other suitable material and is held in position therein by a flat metal spring 12 having one end fixed to one side piece of the casing 10 and its free end formed with a longitudinally extending offset portion 13. The inner face of one side as 14 of the protective or outer frame is recessed longitudinally as at 15 to permit the offset portion 13 of the frame to slide through a transverse slot 16 formed at the inner end of said recessed portion. The portion of the side piece of the casing underlying the free end of the spring is recessed or cut away, as at 17, to permit the free end of the spring to be depressed as the casing is slid into the frame. The ends of the frame 11 are provided or protected by ferrules or rings 18.

To use any one of the tools of the device, the frame 2 is slid through one end of the casing to a sufficient extent to permit said tool to be swung outwardly into operative position when the frame 1 is then returned into initial position to prevent the tool which is to be used from swinging in either direction. The slide bars 7 and 8 are slid out of the frame 1 and are used to form a square or if desired, only the slide bar 7 may be slid outward and used as a ruler.

From the foregoing, it will be readily seen that my pocket knife is of exceedingly simple construction when the many uses for which it is adapted are considered, and that it will be readily appreciated when put upon the market as very valuable asset for carpenters or mechanics of any kind.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claims.

Having thus described my invention, what I claim is:

1. A tool of the class described, comprising a tool carrying frame, a plurality of tools pivoted to each end of the frame, a casing for the

frame, said casing being open at both ends to permit the tool carrying frame to slide through either end thereof, an outer protective frame for the casing, said frame provided in one
5 side with a transverse slot, and a spring attached at one end to one side of the casing and provided at its free end with an offset portion adapted to pass through the slotted portion of the outer frame.

10 2. A tool of the class described, comprising a tool carrying frame, a plurality of tools pivoted to each end thereof, a rectangular casing provided with a longitudinal slot in one side,
15 an outer protective frame provided in one side with a longitudinal recess, and in said side and at the inner end of its recessed por-

tion with a transverse slot, and a spring attached at one end to the slotted side of the casing, with its free end overlying the slotted portion thereof and provided with a longitudinal offset portion adapted to ride in the
20 recessed portion of the outer frame and to pass through the slot thereof when the casing is slid into position.

In testimony whereof I have hereunto set
25 my hand in presence of two subscribing witnesses.

VICTOR A. JOHNSON.

Witnesses:

O. A. BOWEN,
J. N. FORSBAR.