Dec. 14, 1926. 1,610,907

J. R. WARNER

POCKET KNIFE

Filed Oct. 17, 1925

Fig. 1.

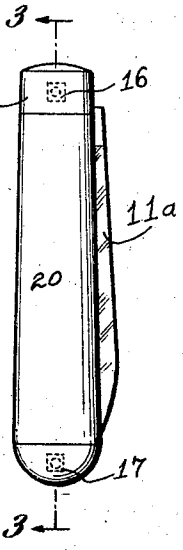


Fig. 2.

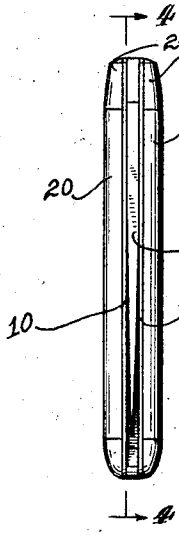


Fig. 3.

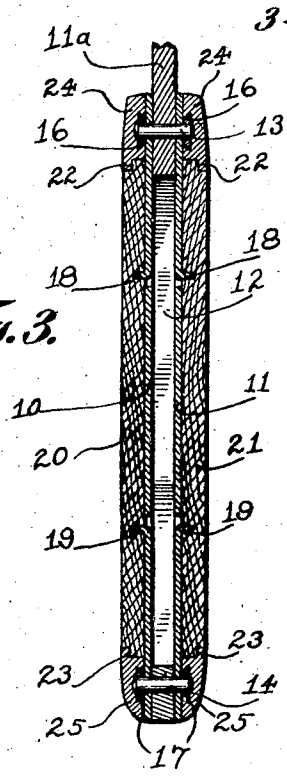
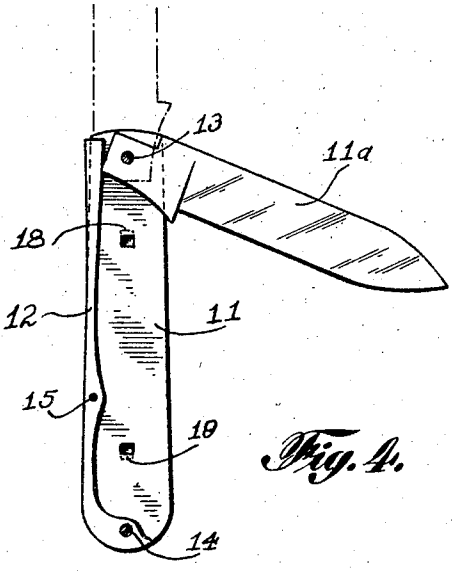


Fig. 4.



INVENTOR

Joseph R. Warner

BY H. G. Manning

ATTORNEY

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UNITED STATES PATENT OFFICE.

JOSEPH R. WARNER, OF THOMASTON, CONNECTICUT.

POCKETKNIFE.

Application filed October 17, 1925. Serial No. 63,022.

This invention relates to pocket knives, and more particularly to a pocket knife having molded bolsters for joining the ends of the lining plates to each other and to the handle scales.

One object of this invention is to provide a pocket knife of the above nature in which additional means are provided for securely anchoring the handle scales to the lining plates.

A further object is to provide a device of this nature which will be simple in construction, inexpensive to manufacture, ornamental in appearance, and very efficient and durable in use.

With these and other objects in view, there has been illustrated on the accompanying drawings, one form in which the invention may be conveniently embodied in practice.

Fig. 1 represents a top plan view of the pocket knife.

Fig. 2 is a side view of the same.

Fig. 3 is a side sectional view of the same, on an enlarged scale, said section being taken along the line 3—3 of Fig. 1, looking in the direction of the arrows.

Fig. 4 is a sectional view of the knife, taken along the line 4—4 of Fig. 2, looking in the direction of the arrows, the knife blade being shown in partly open position.

Referring now to the drawings in which like reference numerals denote corresponding parts throughout the several views, the numerals 10 and 11 indicate a pair of metal lining plates, said plates being spaced apart by a back spring 12 and a blade 11ª. The plates 10 and 11 are connected by a pair of end rivet pins 13 and 14 and a side pin 15, the pins 14 and 15 passing through the back spring 12. The rivet pins 13 and 14 are of such a length as to extend slightly beyond the outer surfaces of the lining plates 10 and 11, whereby the outer ends of said pins may be headed over onto square undercut beveled washers 16 and 17, as clearly shown in Fig. 3.

Each of the lining plates 10 and 11 is provided intermediate its ends with a pair of lateral lugs 18 and 19 pressed out from the metal of said plates. The lugs 18 and 19 are adapted to engage in suitable recesses formed in the inside surfaces of a pair of handle scales 20 and 21 respectively, as clearly shown in Fig. 3. By means of this construction, the handle scales will be very securely anchored upon the lining plates, and it will be impossible for said scales to move laterally out of position.

The handle scales 20 and 21 are preferably constructed of wood and are cut away at their opposite ends to form shoulders 22 and 23, as clearly shown in Fig. 3.

In order to reinforce the rivet pins 13 and 14 so as to more securely lock the lining plates 10 and 11 into a rigid frame, and also to securely lock the handle scales in position, the ends of said knife are provided with bolsters 24 and 25. The bolsters 24 and 25 are formed by placing the knife in a mold or matrix and then molding a suitable metal around the ends thereof, and flush with the handle scales.

It will be clear from this construction that the bolsters thus formed will complete the ends of the knife. It will also be seen that during the molding operation, the metal will flow around the undercut beveled washers and will fill up the shoulders 22 and 23, thus locking the bolsters rigidly to the end pins and locking the handle scales against outward movement.

While there has been disclosed in this specification one form in which the invention may be embodied, it is to be understood that this form is shown for the purpose of illustration only, and that the invention is not to be limited to the specific disclosure but may be modified and embodied in various other forms without departing from its spirit. In short, the invention includes all the modifications and embodiments coming within the scope of the following claim.

Having thus fully described the invention, what is claimed as new, and for which it is desired to secure Letters Patent, is:

In a pocket knife, a pair of side lining plates, said plates being spaced by a back spring and a knife blade, said lining plates being connected at their ends by a pair of rivet pins, said rivet pins having square

beveled undercut washers located on their ends and outside of said plates, said pins being adapted to be headed over upon said washers, a pair of handle scales fitting upon said lining plates, rectangular lugs on said lining plates projecting outwardly into interlocking engagement with said handle scales, and two pairs of bolsters molded over the ends of said lining scales for reinforcing said rivet pins and locking said handle scales in position.

In testimony whereof, I have affixed my signature to this specification.

JOSEPH R. WARNER.