Jan. 24, 1956 J. TABELLARIO 2,731,719

KNIFE HANDLE CONSTRUCTION

Filed June 8, 1951

FIG. 1

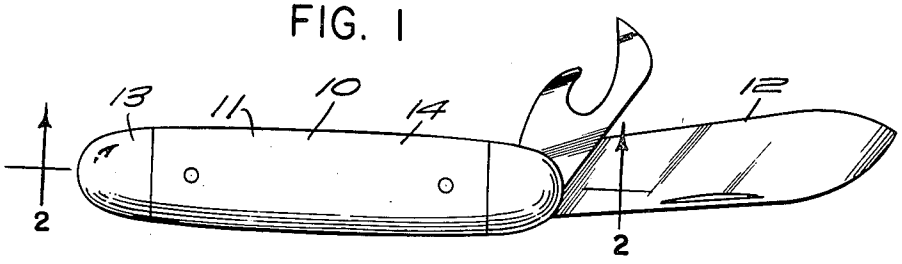


FIG. 2

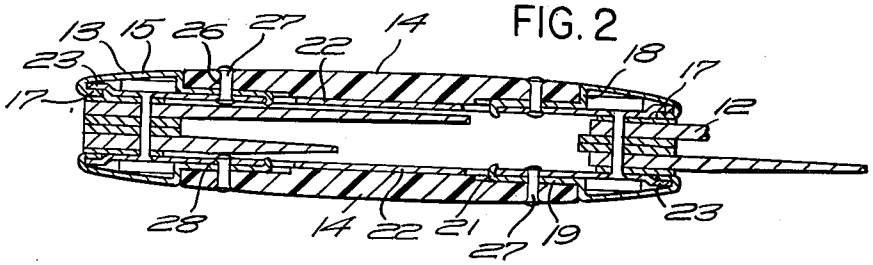


FIG. 3

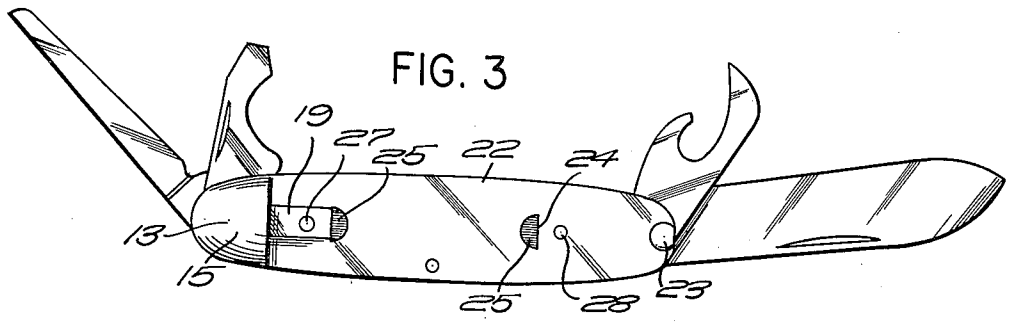


FIG. 4

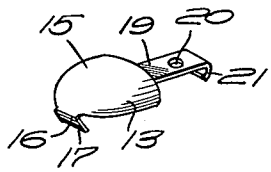
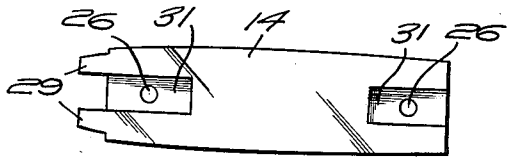


FIG. 5



FIG. 6



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KNIFE HANDLE CONSTRUCTION

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1 Claim. (Cl. 30—164)

The present invention relates to knife constructions, and has particular reference to a novel assembly for knife handles.

The principal object of the invention is to provide an assembly whereby the bolsters and the ornamental cover plates are firmly secured to the knife body.

Another object of the invention is to provide a novel bolster construction which is attached to the liner plate and receives the ornamental cover plate.

Another object is to provide a novel assembly which locks both the bolster plate and the cover plate to the liner plate.

With the above and other objects and advantageous features in view, the invention consists of a novel arrangement of parts more fully disclosed in the detailed description following, in conjunction with the accompanying drawings, and more specifically defined in the claim appended thereto.

In the drawings,

Fig. 1 is an elevation of a knife, partly opened, and showing the bolsters and cover plates as locked to the knife body;

Fig. 2 is a horizontal section on the line 2—2 of Fig. 1;

Fig. 3 is a view similar to Fig. 1, showing one bolster, the cover plate and the other bolster being removed;

Fig. 4 is a perspective front view of the novel bolster;

Fig. 5 is a perspective rear view of the novel bolster; and

Fig. 6 is the rear view of the cover plate.

It is my purpose to provide a simple arrangement for securing bolsters and cover plates to the liner plates of a knife. To this end, I stamp sheet metal bolsters shaped to receive the ends of an ornamental cover plate, and having a hook lug and a snap tag for mounting on the liner plates, whereby the bolsters are snap seated on the liner plates, and the cover plates then set between the bolsters and lock with the bolsters to the liner plates. This assembly is quick and accurate, and is readily accomplished by unskilled workers.

Referring to the drawing, the assembled knife **10** includes a body **11** having knife blades **12** which are pivotally mounted therein in the usual manner, bolsters **13** and ornamental cover plates **14**. Each bolster **13** includes a dome shaped cap portion **15**, see Figs. 3, 4 and 5, a reduced outer end **16** having a hook lug **17**, and a linear downward extending inner wall **18** of narrow width, which has an elongated extension **19** extending from the lower edge thereof, the extension **19** having a rivet opening **20** and a downward extending snap tab **21** with a vertical face which is slightly curved inwardly at its extremity.

The bolsters are mounted on the liner plates **22** of the knife body **11** by seating the end hook lug **17** over the outer edge of the liner plate, which has a raised portion **23** for this purpose, and snapping the inner snap tab **20** over the linear edge **24** of a half-moon piercing **25** in the liner plate, whereby the bolsters seat on the liner plates in proper position to receive the ornamental cover plates therebetween.

As illustrated in Fig. 2, the cover plates **14** are positioned between the inner walls **18** of the bolsters on each side of the knife body, each cover plate being

provided with two spaced mounting fingers **29** at one end thereof, which seat into the end openings **30**, see Fig. 5, and extend into the hollow dome of the bolster plate with the bolster plate end wall therebetween. The cover plate has two recesses or grooves **31**, in its lower surface, to seat snugly over the bolster elongated extensions **19**, each cover plate having rivet openings **26** aligned with the bolster elongated extension openings **20**, whereby rivets **27** pass through cover plate rivet openings **26**, the bolster elongated extension openings **20**, and aligned rivet openings **28** in the liner plate, and are headed over to lock the parts in assembled relation. The recesses and the extensions cooperate to prevent lateral displacement of the parts.

The improved construction thus includes novel bolster plates which snap seat to the liner plates and cover plates which engage one bolster plate to be held in position, the cover plates, bolster plates and liner plates having aligned rivet receiving openings whereby locking together of the parts is quickly effected.

Although the cover plate is illustrated as having mounting fingers at one end, it may be desirable for certain knife constructions to have mounting fingers at both ends, in which case the mounting fingers at one end are inserted in the contiguous bolster openings, and the other bolster is snap seated over the other cover plate end. This makes a very firm anchorage for the cover plate, supplementing the coaction of the cover plate recesses and the bolster extensions, and locking effect of the rivets.

Although I have described a specific construction embodiment of the invention, it is obvious that changes in the size and shape of the parts may be made to suit the requirements for different types of knives without departing from the spirit and the scope of the invention as defined in the appended claim.

I claim:

In a knife construction, a knife body having upper and lower liner plates, bolsters at each end of the liner plates, and cover plates over the liner plates and intermediate the bolsters, each liner plate end having a raised portion, a piercing, and a rivet opening intermediate the raised end portion and the piercing, each bolster having a dome shaped cap terminating in a hook lug at its outer end adapted to seat beneath the associated liner plate end, and having a narrow extension from its inner end extending downwardly and then outwardly over the liner plate, said extension having a rivet opening in alignment with the associated liner plate rivet opening and a terminal snap tab adapted to snap seat in the associated liner plate piercing, each cover plate having a longitudinal groove at each end adapted to seat over the associated narrow bolster extension and a rivet opening aligned with the bolster extension and liner plate rivet openings, each cover plate having spacing mounting fingers on at least one end thereof adapted to receive the downwardly extending portion of the associated bolster tension therebetween and to seat within the bolster dome, and rivets extending through the aligned linear plate, bolster extension, and cover plate rivet openings.

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