

E. KROPAT.
TOOL HANDLE.
APPLICATION FILED JUNE 29, 1912.

1,064,493.

Patented June 10, 1913.

Fig. 1.

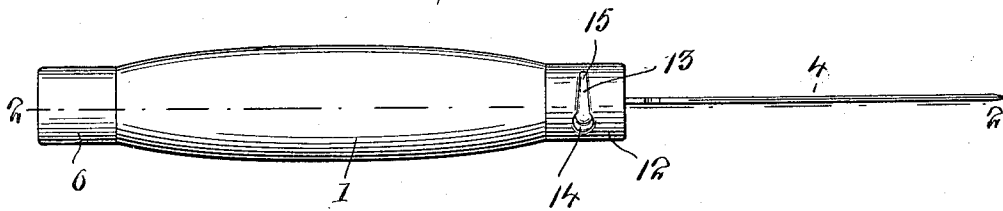


Fig. 2.

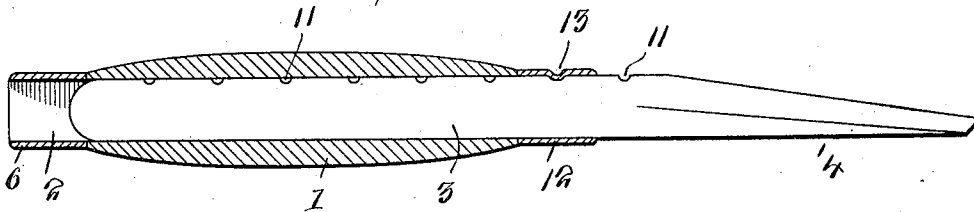


Fig. 3.

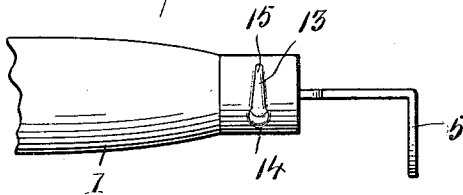


Fig. 5.

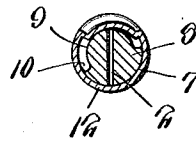


Fig. 6.

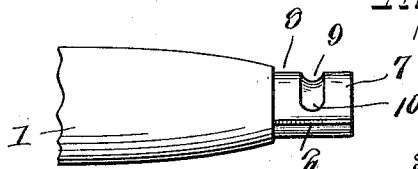
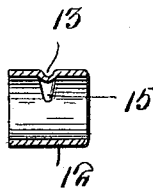


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

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TOOL-HANDLE.

1,064,492.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWARD KROPAT, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented new and useful Improvements in Tool-Handles, of which the following is a specification.

This invention relates to a handle for knife blades, cornering tools, or some such tools which have a straight, flat shank, the primary object being to provide a handle having a central opening or slot adapted to receive the shank of the tool and in which the said shank may be removably secured, thus making the device adaptable for use with any one of the above described tools.

A further object of the invention is the provision of a handle which is simply constructed, and in which the means for fastening the tool shank in position is readily operable and effective in its operation.

The invention consists of the features of construction, combination and arrangement of parts, hereinafter fully described and claimed, reference being had to the accompanying drawings, in which:—

Figure 1 is a plan view showing a knife blade mounted within the handle. Fig. 2 is a longitudinal sectional view taken on the line 2—2 of Fig. 1. Fig. 3 is a plan view of the device showing a cornering tool attached to the handle and the locking ferrule in position. Fig. 4 is a longitudinal sectional view of the locking ferrule. Fig. 5 is a transverse sectional view of the locking ferrule and the end of the handle body. Fig. 6 is a fragmentary view of the handle body with the locking ferrule detached.

In the drawing, 1 designates the body of the handle which is centrally provided with a longitudinal opening or slot 2, for the reception of the straight, flat shank 3 of the tool, which latter may be a knife blade 4, a cornering tool 5, or some such instrument. One end of the body is reduced until the sides of the slot 2 open into the side of this reduced portion and is provided with a fixed ferrule 6 completely covering the different sides of the said slot. The opposite end of the body is similarly reduced for a short distance, the sides of this end of the slot 2 thus opening into the cylindrical outer face 7 of this reduced portion 8. A semi-circumferential

groove 9 opens medially into one side of the slot 2 and is provided at one end with a decided shoulder 10 for a purpose more fully hereinafter described. The shank portion 3 of each tool is provided in one longitudinal edge thereof with a plurality of spaced notches 11, one of said notches being adapted to register with the groove 9 in the reduced portion 8 of the body when the said shank is inserted in position within the central slot 2. A movable ferrule 12 is rotatably mounted on the reduced end 8 of the body so that a semi-circumferential, instructed boss 13 formed in the said ferrule is received within the corresponding groove in the reduced portion of the said body. The end of this boss corresponding to the end of the groove 9 having the shoulder 10 is enlarged, as at 14, and the boss 13 is gradually reduced or tapered toward its opposite end 15. When the ferrule is turned so that the enlarged end 14 of the boss 13 is in engagement with the shoulder 10 of the groove 9, the body portion of the boss is free from the edge of the body slot 2, thus permitting insertion of the tool shank, or removal thereof. When the tool shank is in position with one of its notches in alinement with the semi-circumferential groove 9, the ferrule may be turned so as to bring the boss 13 into engagement with the said notch, and, the said boss being tapered, the boss has a wedging tendency which positively locks the tool shank in position.

What is claimed is:

1. The combination with a tool having a flat, straight edge thereof with spaced notches, of a handle therefor comprising a body having a longitudinal slot adapted to receive said shank, said slot opening into the sides of the body at one end thereof, this end of the body having a semi-circumferential groove communicating medially with one side of the slot, a ferrule rotatably mounted on said end of the body, and an instructed boss formed in said ferrule and movable in the body groove for locking engagement with one of the tool shank notches.

2. The combination with a tool having a shank provided with a transverse notch, of a handle therefor comprising a body having a longitudinal slot adapted to receive said shank, the said slot opening through the sides of the body at one end thereof, this

end of the body being provided with a semi-circumferential groove communicating medially with one side of the slot, a ferrule rotatably mounted upon one end of the body,
5 an instruck tapered boss formed on the inner periphery of said ferrule and extending semi-circumferentially, the said boss being adapted for movement within the body

groove and for engagement within the notch of the tool shank.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD KROPAT.

Witnesses:

ALBERT YANKE,
CARL GIIHORKI.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."