Aug. 14, 1945. G. M. COFFIN 2,382,774

TRAPPER'S TOOL

Filed April 17, 1943

Fig. 1

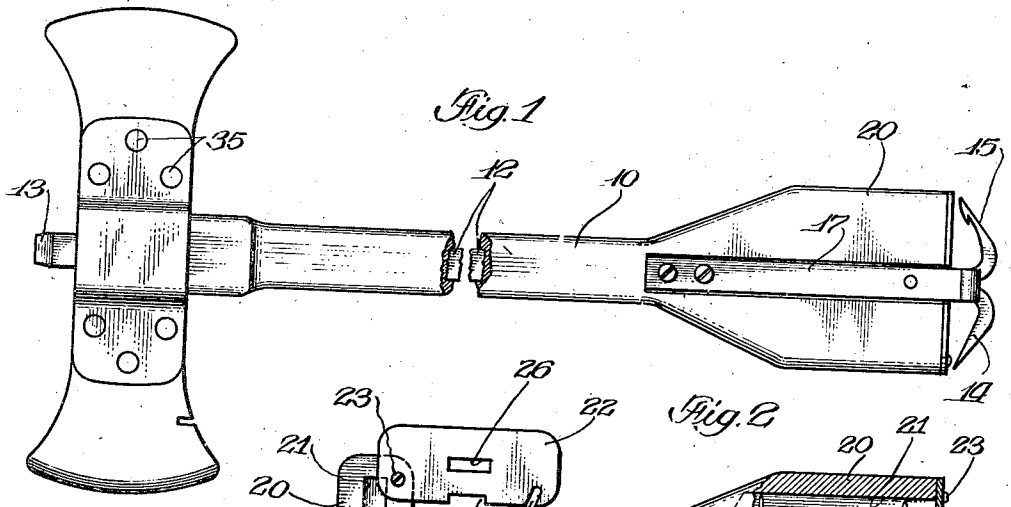


Fig. 3

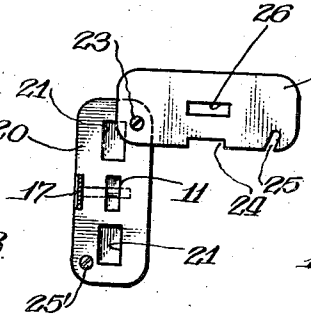


Fig. 2

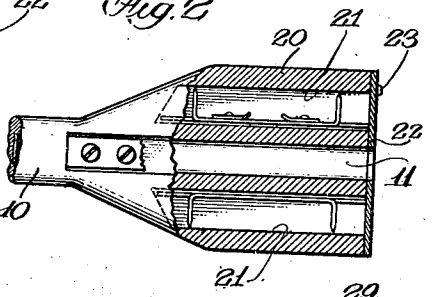


Fig. 4

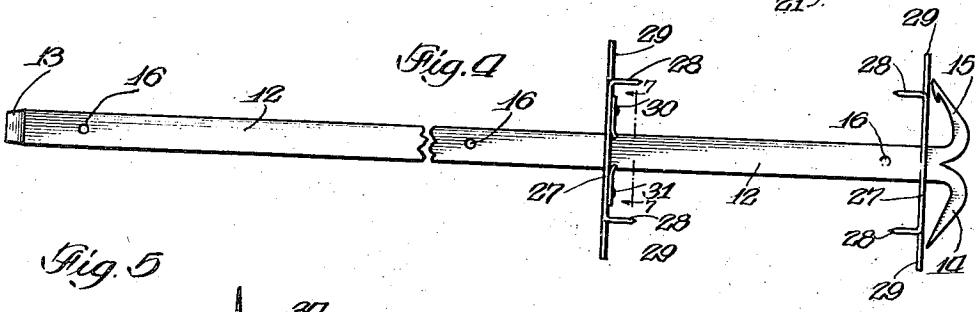


Fig. 5

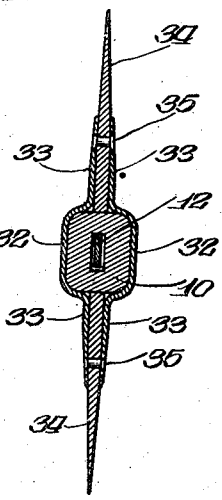


Fig. 7

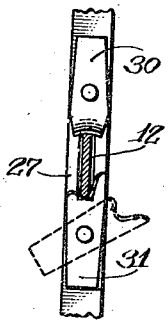
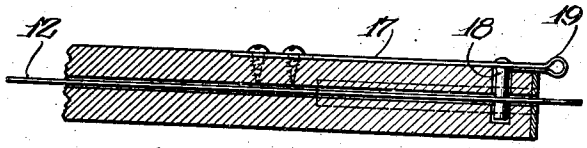


Fig. 6



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UNITED STATES PATENT OFFICE

2,382,774

TRAPPER'S TOOL

George M. Coffin, Hinsdale, Ill.

Application April 17, 1943, Serial No. 483,369

1 Claim. (Cl. 7—15)

The invention relates to improvements in trapper's tools and has for its primary object the provision of an improved construction of this character so constructed and arranged as to be capable of economical production and highly efficient in use.

Another object of the invention is the provision of a tool of the character described so constructed and arranged as to be capable of ready extension in length.

Another object of the invention is the provision of a tool of the character indicated provided with an improved double bitted ax head so constructed and arranged as to facilitate economical production and renewals thereof.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification and in which

Fig. 1 is a partial side view of a tool embodying the invention;

Fig. 2 a detail section through the handle end of the tool with parts removed;

Fig. 3 an end view corresponding with Fig. 2;

Fig. 4 a partial view of an extension bar employed in the tool and shown as removed therefrom;

Fig. 5 a transverse section through the ax head of the tool;

Fig. 6 a longitudinal section through the handle end of the tool; and

Fig. 7 a detail view of one of two prong attachments employed in the tool.

The embodiment of the invention illustrated in the drawing comprises a suitable handle member 10 preferably of wood, and having a longitudinal central passageway 11 extending entirely through the same. An extension bar 12 is slidably and removably arranged within the passageway 11 and of a length to extend entirely through the handle member 10, protruding at each end. One end of the bar 12 is provided with a screw driver bit 13 as indicated and the other end is provided with oppositely extending hooks 14 and 15, the latter being provided with a barb as shown. At intervals the bar 12 is provided with latch openings 16 co-operating with a spring latch 17 carrying a latch pin 18 and a finger extension 19 mounted as shown on the handle end of the tool and adapted and arranged to secure the bar 12 in various positions of adjustment, as will be readily understood. By this arrangement a tool handle is provided equipped with a hooked extension bar capable of adjustment to various degrees of extension and whereby the hooks 14 and 15 may be utilized for a wide variety of useful purposes.

At its end adjacent said hooks 14 and 15 the handle member 10 is provided with an enlargement 20 extending in the plane of said hooks and having pockets 21 therein closed by a cover plate 22 pivoted at 23 to swing laterally to give action to the pockets 21 as indicated. The cover plate 22 is also provided with a notch 24 to accommodate the spring latch 17 and a notch 25 to engage a stud 25' to hold the same in closed position. A central slot 26 is also provided in the plate 22 for the accommodation of the bar 12, said bar 12 thus serving to lock the cover plate 22 in closed position. Positioned within the pockets 21 are parts 27 centrally slotted to slip over the bar 12 into positions as indicated in Fig. 4. Each of the parts 27 is provided with laterally turned empaling prongs or points 28 and longitudinally extending prongs or points 29, adapted and arranged to assist in the empaling or holding of objects such as steaks, sausage and the like for cooking over an open fire. One of the parts 27 is equipped with a stationary clamp 30 and a pivoted clamp 31 whereby it may be locked in adjusted positions on the bar 12. It is also to be noted that the hooks 14 and 15 in the positions shown in Fig. 1 fit closely against the end of the handle enlargement 20 and thereby have their points or barbs guarded.

A double bitted ax or hatchet head is secured to the other end of the handle 10 and extends in the plane of the enlargement 20. This head preferably is formed from two substantially U-shaped strips 32 oppositely disposed toward each other so as to embrace the end of the handle 10 as best shown in Fig. 5. Each of these strips 32 is provided at its ends with securing flanges 33 adapted to embrace the butts of two ax or hatchet bits 34, being secured thereto by rivets 35. By this arrangement a double-bitted ax or hatchet head may be readily and economically provided and from which the bits 34 may be readily removed and renewed when defective. It is also to be noted that the hatchet head constitutes a cross head at the corresponding end of the tool which serves as a handle member to facilitate the manipulations of the extension bar 12 and the hooks 14 and 15. By arranging the hooks 14 and 15, the enlargement 20 and the hatchet all in the same plane, as shown, the hatchet head serves as a cross head on the handle to facilitate

manipulations of the hooks 14 and 15 and the enlargement serves as a guard for said hooks when the extension bar 12 is retracted as indicated in Fig. 1 of the drawing.

While I have illustrated and described the preferred form of construction for carrying the invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I therefore do not wish to be limited to the precise details disclosed, but would desire to avail myself of such variations and modifications as fall within the scope of the appended claims.

I claim:

A tool of the class described comprising a handle member having a cross head at one end and an enlargement at the other end extending substantially in the plane of said cross head; and an extension member slidable in said handle member and provided at the enlarged end of the handle with two oppositely projecting hooks extending substantially in the plane of and guarded by said enlarged end.

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