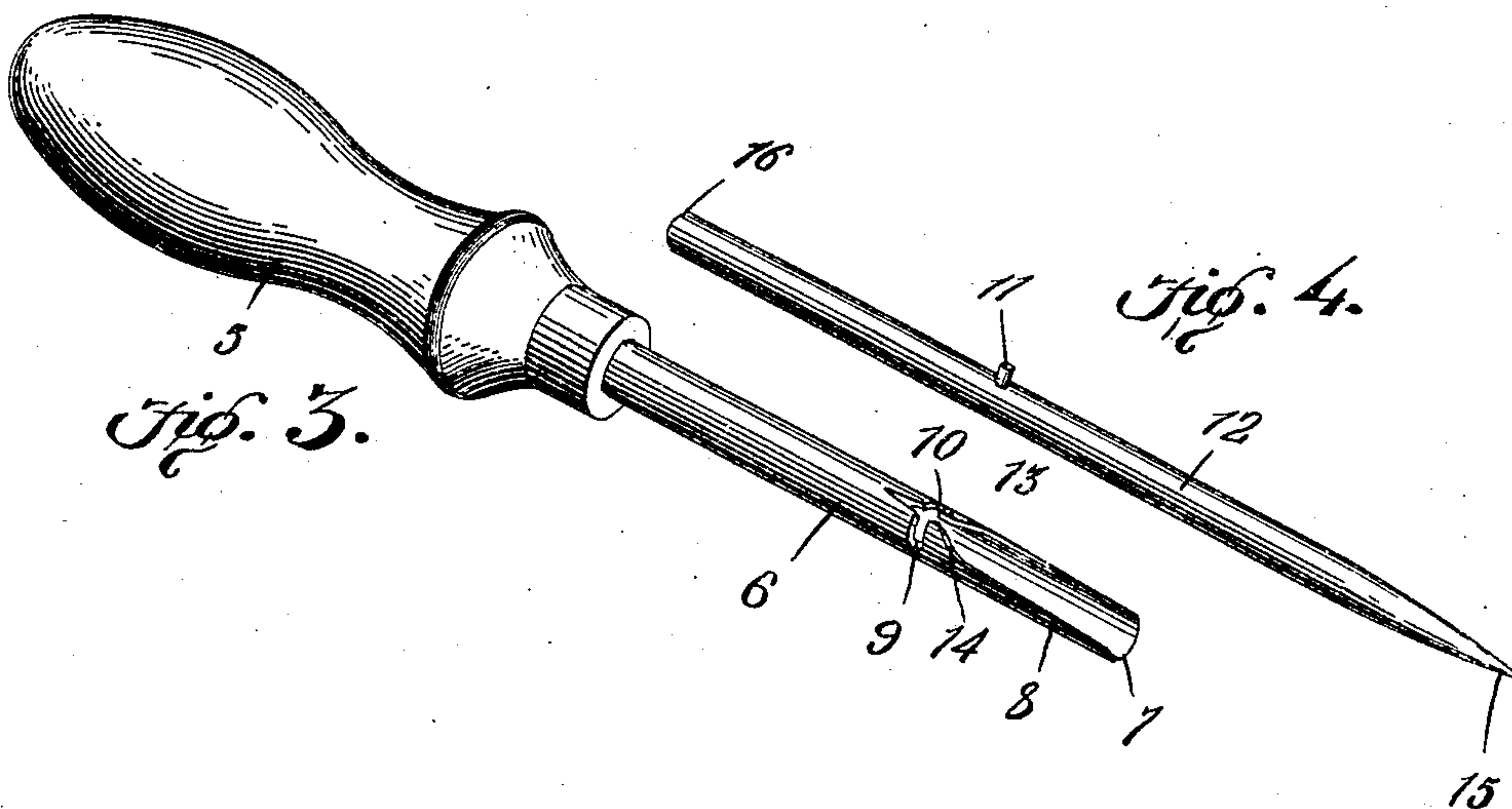
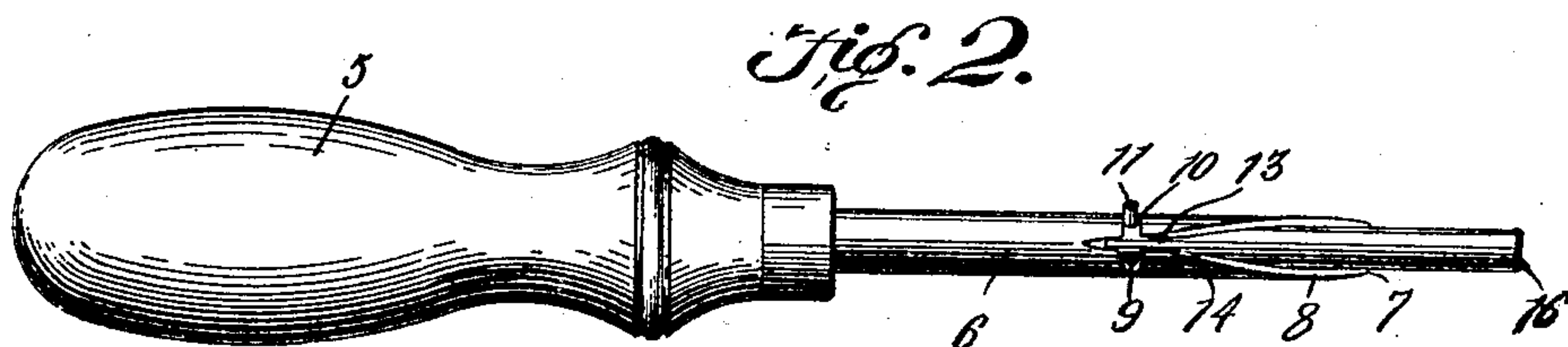
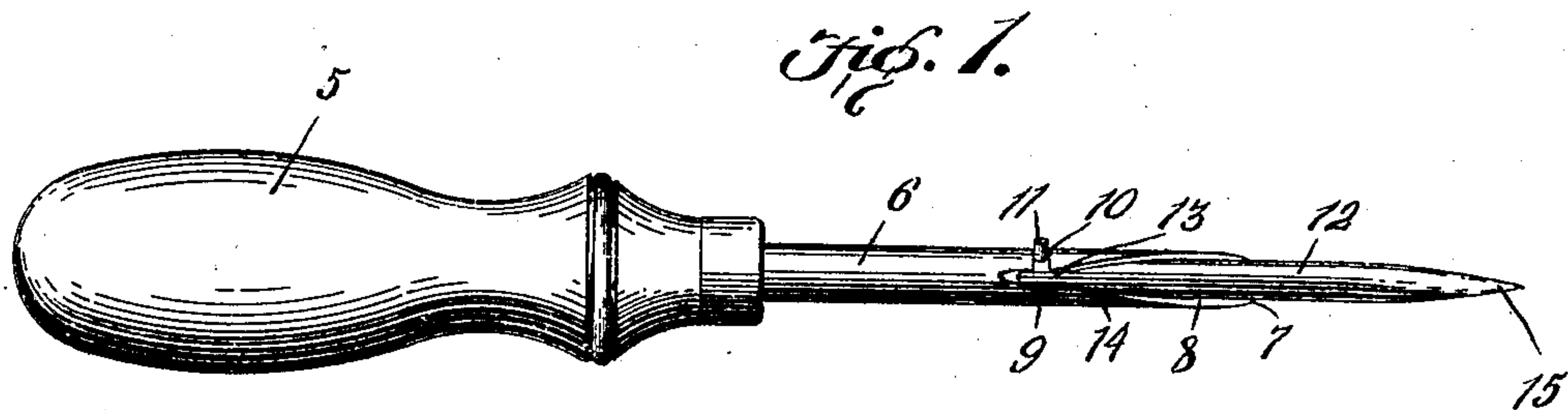


No. 831,945.

PATENTED SEPT. 25, 1906.

P. I. GONYEA.
COMBINED BELT AWL AND PUNCH.
APPLICATION FILED JUNE 13, 1906.



WITNESSES:

E. H. Stewart
L. A. McKen

Peter I. Gonyea,
INVENTOR,

By *Chas. H. Snow & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

PETER I. GONYEA, OF WATERTOWN, NEW YORK.

COMBINED BELT-AWL AND PUNCH.

No. 831,945.

Specification of Letters Patent.

Patented Sept. 25, 1906.

Application filed June 13, 1906. Serial No. 321,512.

To all whom it may concern:

Be it known that I, PETER I. GONYEA, a citizen of the United States, residing at Watertown, in the county of Jefferson and State of New York, have invented a new and useful Combined Belt-Awl and Punch, of which the following is a specification.

This invention relates to tools of that general class employed by belt-makers and other persons for splicing and repairing belts and other leather articles, and has for its object to provide a comparatively simple and inexpensive device of this character capable of performing the dual functions of a punch and awl.

A further object of the invention is to provide an implement including an operating-handle carrying a pair of telescopic tools provided with interlocking parts.

A further object of the invention is to form the walls of the punch with transverse recesses adapted to receive a locking-pin on the awl for locking the latter in operative and inoperative position.

A still further object of the invention is to generally improve this class of devices so as to increase their utility, durability, and efficiency as well as to reduce the cost of manufacture.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts, hereinafter fully described, and illustrated in the accompanying drawings, it being understood that various changes in form, proportions, and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings, forming a part of this specification, Figure 1 is a side elevation of a combined punch and awl constructed in accordance with my invention. Fig. 2 is a similar view showing the awl locked in inoperative position. Fig. 3 is a perspective view of the implement with the awl detached. Fig. 4 is a similar view of the awl.

Similar numerals of reference indicate corresponding parts in all of the figures of the drawings.

The implement comprises an operating-handle 5, provided with a reduced tubular extension 6, the free end of which is provided with a cutting edge 7, constituting a punch, as shown. The walls of the tubular member 6 are cut away, as indicated at 8, to permit the ready removal or discharge of the leather

clippings when said punch is inserted in the belt and partially rotated to produce an opening. The walls of the tubular member 6 are formed with transverse locking-recesses 9 and 10, adapted to receive a corresponding locking-pin 11, extending laterally from the awl 12, so that when the awl is inserted within the member 6 and partially rotated the pin will engage the closed end of either recess, and thereby lock the awl in engagement with said member. The transverse recesses 9 and 10 are intersected by a longitudinal slot 13 to permit the passage of the locking-pin while the adjacent cut-away portion of said member is inclined or beveled, as indicated at 14, to assist in guiding the pin 11 within the locking-recesses.

One end of the awl 12 is formed with the usual needle-point 15, while the opposite end thereof is preferably squared, as indicated at 16, so that the awl may be reversed and placed in position within the member 8 with the squared portion 16 thereof disposed adjacent the cutting edge 7, thus permitting the tool to be carried in the pocket without danger of cutting or otherwise injuring the operator.

When it is desired to use the implement as an awl, the squared end 16 of the awl is introduced within the socket formed by the member 8 and forced longitudinally of said member until the pin 11 registers with one of the transverse recesses when a slight rotary movement of the punch will cause the pin to engage the rear wall of said recess, and thereby lock the awl in operative position.

In order to use the implement as a punch, the awl is rotated until the locking-pin 11 registers with the slot 13, when the awl may be readily withdrawn so as to permit the punch to be used in the ordinary manner. When the implement is not in use, the awl is reversed and placed in position with the pointed end 15 thereof extending toward the operating-handle 5, as best shown in Fig. 2 of the drawings, thereby preventing the sharpened end of the awl from lacerating or otherwise injuring the operator.

The implement may be made in different sizes and shapes and may be nicked, japanned, or otherwise coated or ornamented to give the same a neat attractive appearance.

From the foregoing description it will be seen that there is provided an extremely simple, inexpensive, and efficient device admi-

rably adapted for the attainment of the ends in view.

Having thus described the invention, what is claimed is—

5 1. An implement including a tubular member having one end thereof formed with a cutting edge and its opposite end provided with an operating-handle, and a reversible tool seated within the tubular member, said
10 tool and member being provided with interlocking parts.

2. An implement including a tubular member provided with a terminal cutting edge and having its side walls formed with a trans-
15 verse locking-recess, and an awl seated within the tubular member and provided with a locking-pin adapted to engage the walls of said recess.

3. An implement including a tubular mem-
20 ber having a terminal cutting edge and provided with a transverse locking-recess intersected by a longitudinal slot, and a reversible awl seated within the tubular member and provided with a locking-pin movable through
25 the slot into engagement with the walls of the transverse recess.

4. An implement including a tubular member provided with a cutting edge and having

its side walls formed with a transverse recess intersected by a longitudinal slot, the walls of said member on each side of the slot being inclined or beveled, and an awl engaging the interior walls of said member and provided with a locking-pin movable through the slot into engagement with the walls of the trans-
3 verse recess.

5. An implement including a tubular member having its side walls cut away to produce a semicircular cutting edge, there being a transverse recess formed in the walls of said
4 member and intersected by a longitudinal slot the walls of which are inclined or beveled toward the cutting edge of said member, a reversible awl engaging the interior walls of the
4 member and provided with a laterally-extending locking-pin movable through the slot into engagement with the walls of the trans-
verse recess, and a handle carried by the tubular member.

In testimony that I claim the foregoing as
50 my own I have hereto affixed my signature in the presence of two witnesses.

PETER I. GONYEA.

Witnesses:

HENRY JEP,
GEO. P. SENEAL.