July 26, 1932. C. C. TOMNEY 1,868,778

ILLUMINATED TOOL

Filed May 22, 1930

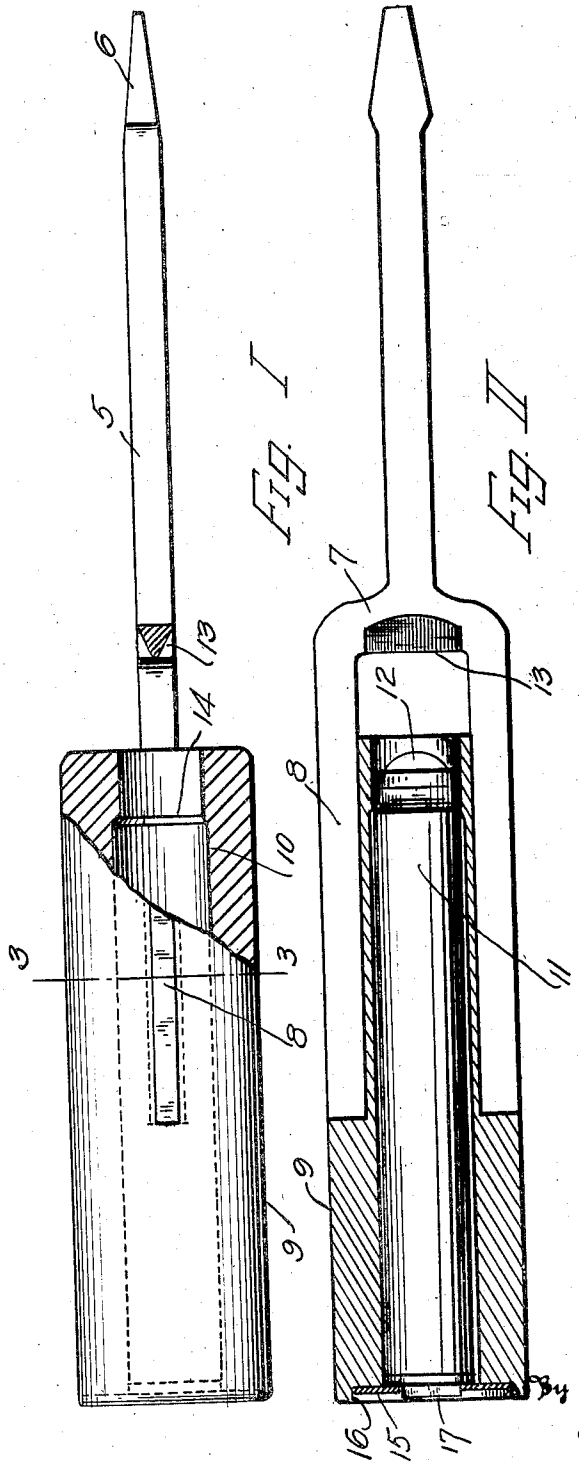


Fig. I

Fig. II

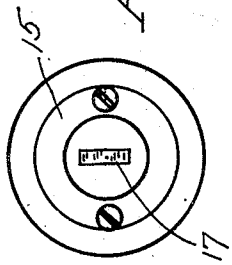


Fig. IV

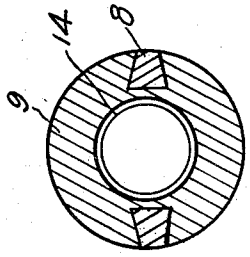


Fig. III

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UNITED STATES PATENT OFFICE

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ILLUMINATED TOOL

Application filed May 22, 1930. Serial No. 454,599.

The object of the invention is to facilitate the application and manipulation of tools, such as screw drivers and the like, in difficultly accessible places where the light is indifferent at best, or under conditions requiring artificial light; and more particularly to provide a tool equipped with an emergency light such as a standard flashlight adapted and arranged so that the operator may use both hands on the tool and thus give his entire attention to the same and to the work in hand instead of, as heretofore, attempt to work with one hand while holding a light in the other.

One embodiment of the invention is illustrated in the accompanying drawing wherein:

Figure 1 is a sectional elevational view of a screw driver constructed in accordance with the invention.

Fig. 2 is a similar view, the handle being shown in longitudinal section.

Fig. 3 is a sectional view on line 3—3 of Fig. 1.

Fig. 4 is an end view of the handle.

Referring to the drawing, the numeral 5 represents a tool shank terminating at one end in a driving bit 6, and at the other end in a yoke 7 whereby parallel arms 8 are established which adequately are anchored in corresponding longitudinally ranging recesses in a handle 9. By securing the shank to the handle in the manner described, I am enabled to employ a handle having an axial bore or passage 10 adapted to receive a standard flashlight 11 in such way that its bulb 12 is directed towards the bit of the tool, the proximate face 13 of the yoke being beveled in order not substantially to interrupt or deflect the beam of light. A shoulder 14 arrests the forward movement of the flashlight and the latter is retained and secured against loose fit by a ring 15 accommodated in a recess 16 in the end of the handle. A switch 17 extends beyond the ring for convenience in operating the light. The provision of the ways or channels for the reception of the forked arms of the shank has the merit that it admits of ready and facile interchangeability of tools and also makes it possible to use the light source of the handle while separated from the tool.

Having described the invention, what is claimed is:

A handle to provide for the removable connection of tools therewith and to provide for the illumination of such tools, said handle comprising a member formed with an axial bore having a diameter corresponding to the external diameter of the conventional flashlight, the bore near one end being of reduced diameter to provide an interior shoulder to limit movement of the flashlight in one direction, the opposite end of the bore being circumferentially enlarged, and a washer removably secured within said enlargement and having a central opening less than the diameter of the bore, the washer serving to cooperate with one end of the flashlight when in place in the bore to prevent separation of the flashlight from the handle, said handle being formed with diametrically opposite undercut tool-receiving channels opening through one end of the handle and terminating short of the opposite end.

In testimony whereof I affix my signature.

CHARLES C. TOMNEY.