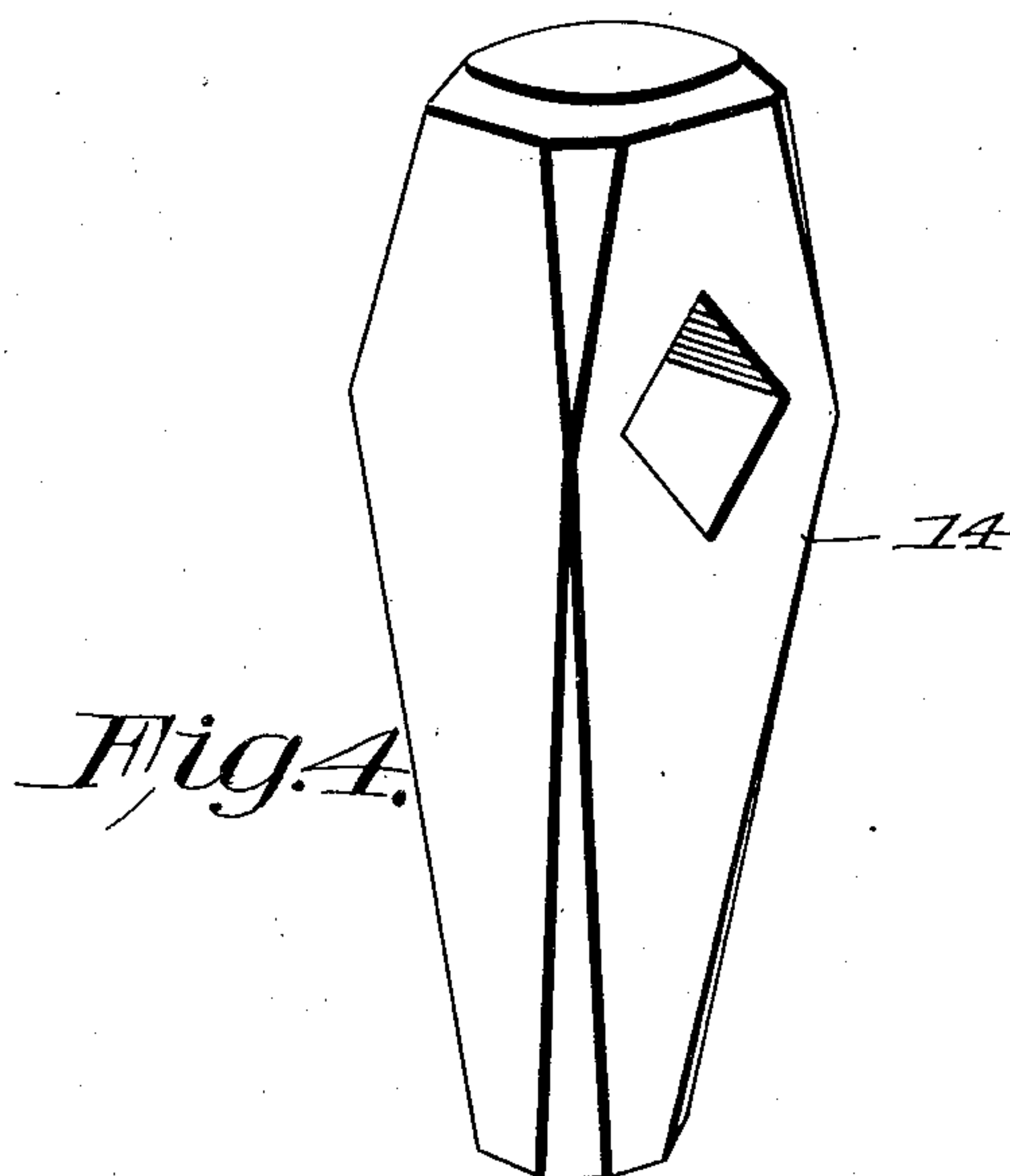
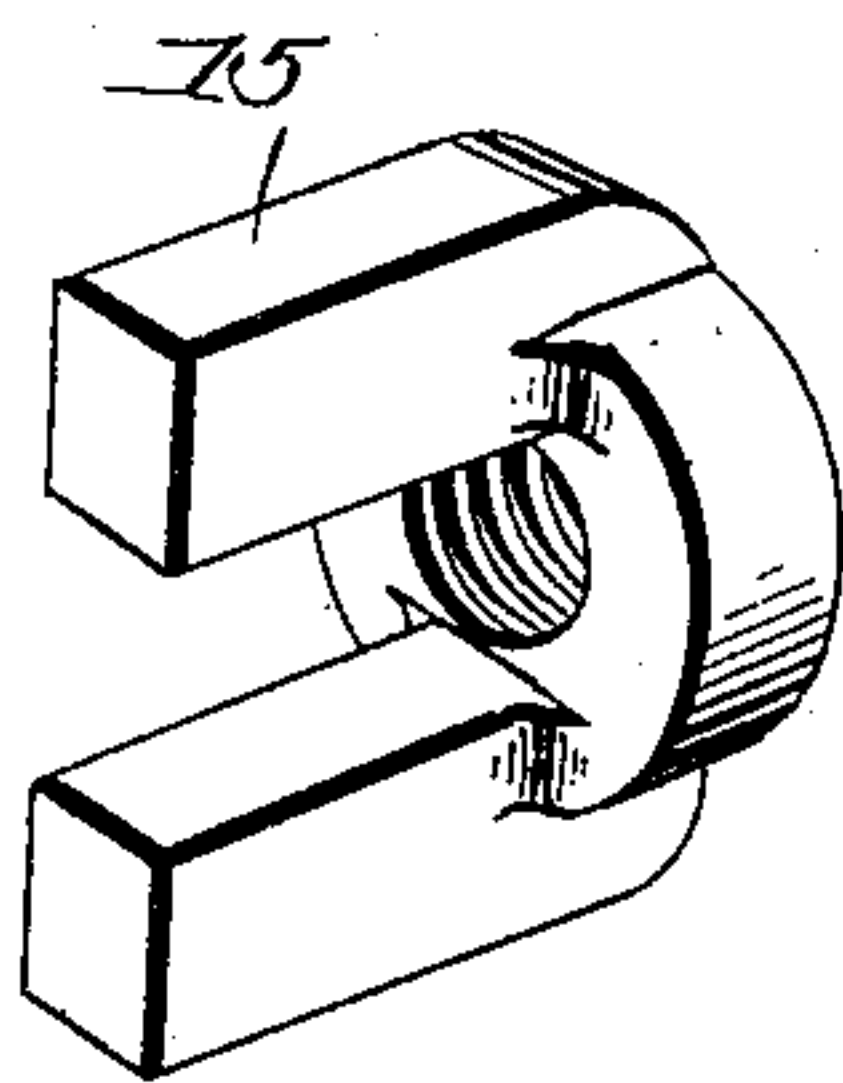
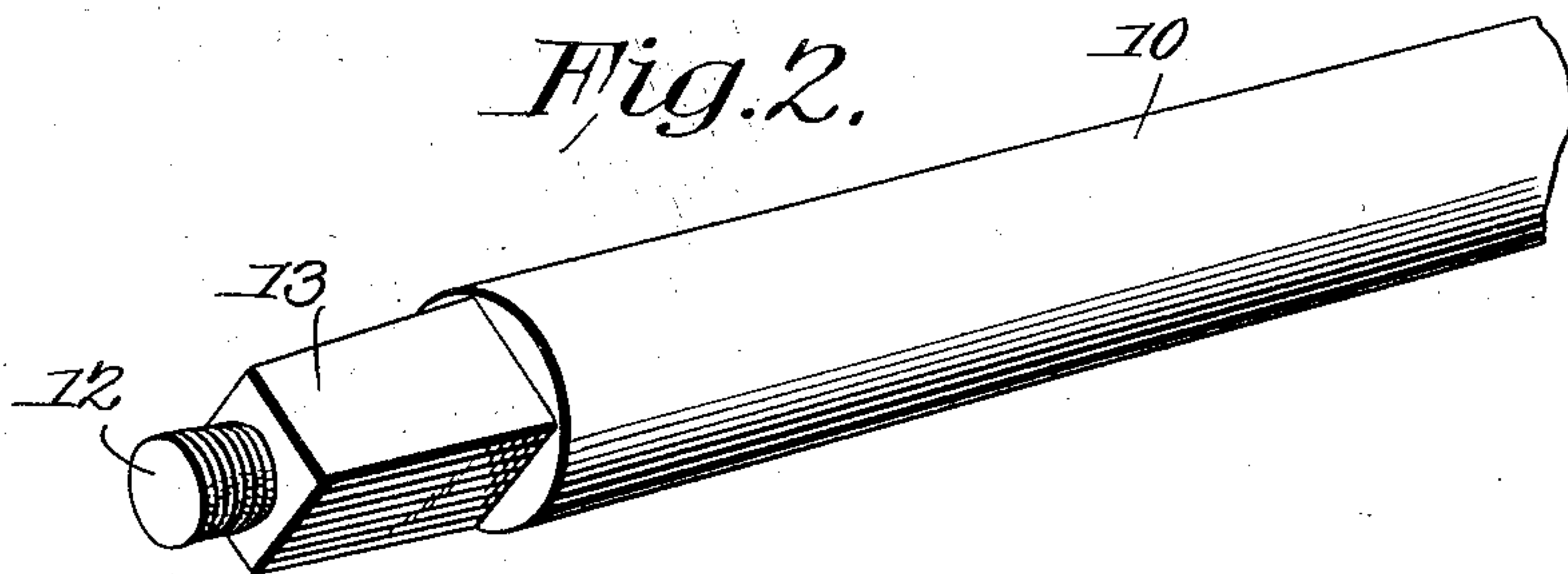
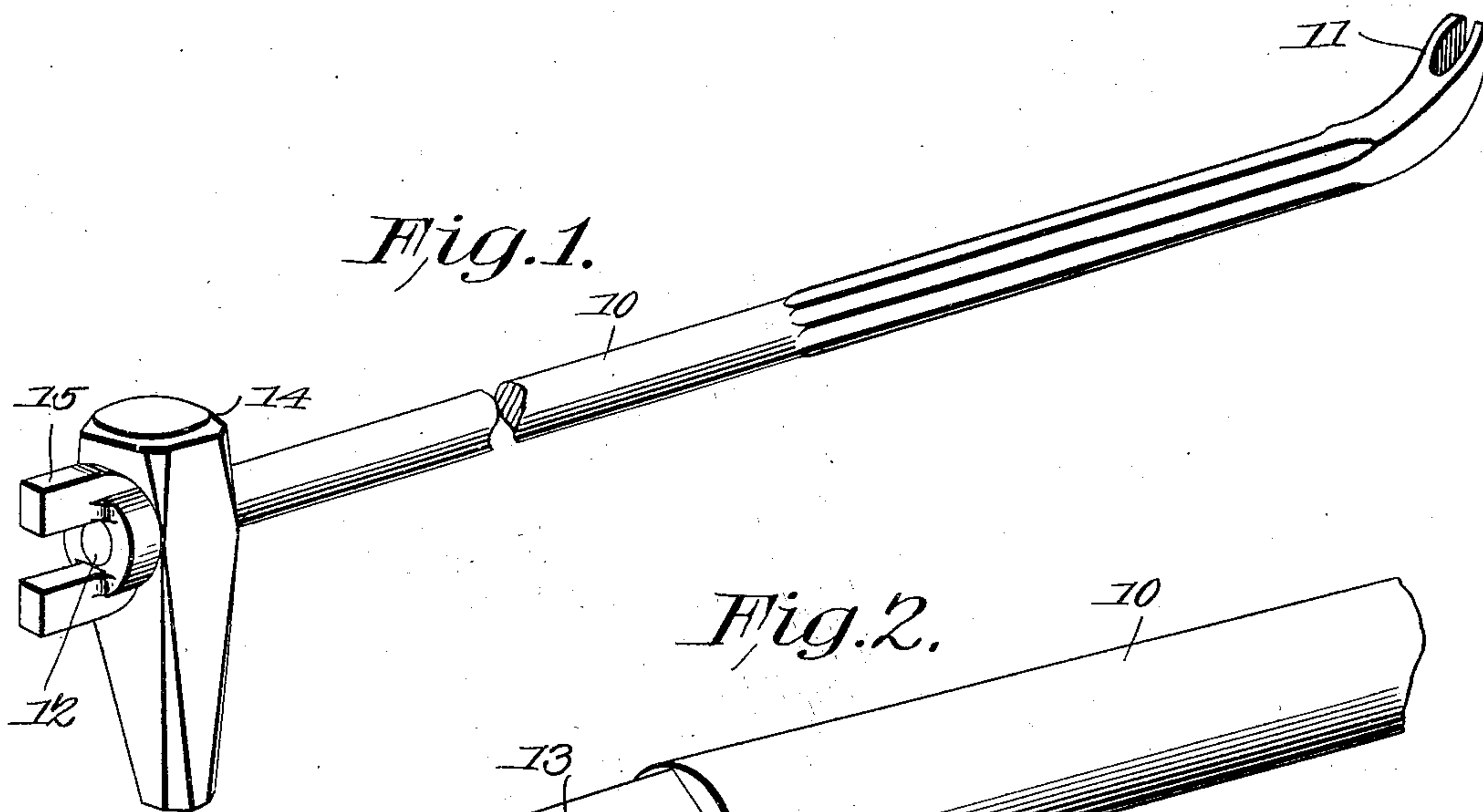


No. 896,512.

PATENTED AUG. 18, 1908.

J. A. BLAUCH.
TRACK WALKER'S IMPLEMENT.
APPLICATION FILED APR. 10, 1905.



Witnesses
E. H. Stewart
C. H. Woodward

John A. Blauch
Inventor
by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

JOHN A. BLAUCH, OF ANNVILLE, PENNSYLVANIA.

TRACK-WALKER'S IMPLEMENT.

No. 896,512.

Specification of Letters Patent.

Patented Aug. 18, 1908.

Application filed April 10, 1905. Serial No. 254,886.

To all whom it may concern:

Be it known that I, JOHN A. BLAUCH, a citizen of the United States, residing at Annville, in the county of Lebanon and State of Pennsylvania, have invented a new and useful Track-Walker's Implement, of which the following is a specification.

This invention relates to implements for the use of track walkers and other operatives of a like class, and has for its object to improve the construction and increase the efficiency of implements of this character, and combine in one all the various tools usually required in caring for and making minor repairs upon railway tracks.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed:—Figure 1 is a perspective view of the improved implement. Figs. 2, 3, and 4 are enlarged perspective views of the several parts disconnected.

The improved implement comprises a bar 10 having a claw 11 at one end suitable for extracting railway spikes, and with a threaded stud 12 at the other end, and with the bar next to the stud in other form than round, preferably square and tapered, as represented at 13. Detachably disposed upon the irregular portion 13 is a hammer head 14, the latter having an aperture corresponding to the portion 13.

Mounted by a threaded aperture upon the threaded stud 12 is a wrench member 15, the wrench member thus bearing upon the hammer head and serving as a means for holding the same in position. The wrench member 15 comprises a substantially circular nut hav-

ing a central screw-threaded opening proportioned to engage upon the threaded stud 12, and with diametrically disposed parallel jaws 55 outstanding laterally therefrom and defining a work receiving opening having parallel sides and extending to the nut and registering with the screw-threaded opening.

The wrench will correspond to the nuts of the clamp bolts by which the rail joints are secured, and if required a plurality of wrench members having different "spread" of the jaws may be provided with each bar, so the device may be readily adapted to different sizes of nuts. Thus a track walker with one of the improved implements, and a number of the extra wrench members to correspond to the different sizes of nuts employed upon or in connection with the track, will be in position to adjust the different portions of the track, such as tightening the clamp bolts of the rail joints, the nuts of switches, frogs, and crossings, or to replace broken or loose spikes, or to perform any or all of the various duties which come within his province, and without the necessity for carrying a large and cumbersome assortment of tools or implements.

The bar together with its attachments will preferably be of tool steel or the like, so that they can be formed comparatively light while at the same time retaining the requisite strength.

Having thus described the invention, what is claimed is:—

A tool comprising a flagelliform single piece handle having at one end a portion which is noncircular in transverse section and an adjacent shoulder and terminating in a threaded stud, a hammer head having a noncircular perforation which snugly receives the noncircular portion of the handle, the transverse thickness of the hammer head at the perforation being substantially equal to the length of the noncircular portion of the handle, and a nut screw threaded upon the stud and being in thickness substantially equal to the length of the stud, said nut having at opposite sides parallel lugs with an intervening unobstructed space adapted to be used as a nut receptacle whereby the tool may be used as a wrench, the longitudinal axis of the hammer when in position on the handle being dis-

posed at a right angle to the longitudinal axis
thereof whereby the said hammer head may
be used as a lever to rotate the handle to
screw and unscrew the wrench nut upon the
5 handle and unseat and seat the nut against
the head.

In testimony that I claim the foregoing as

my own, I have hereto affixed my signature
in the presence of two witnesses.

JOHN A. BLAUCH.

Witnesses:

WILL H. ERB,

CHAS. L. MARKS.