

Oct. 10, 1950

T. M. HOLT

2,525,222

SPANNER WRENCH

Filed Sept. 16, 1947

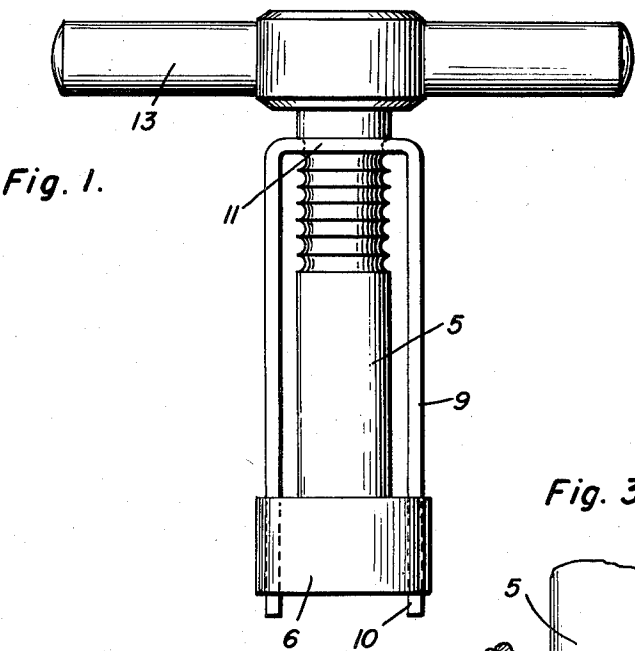


Fig. 3.

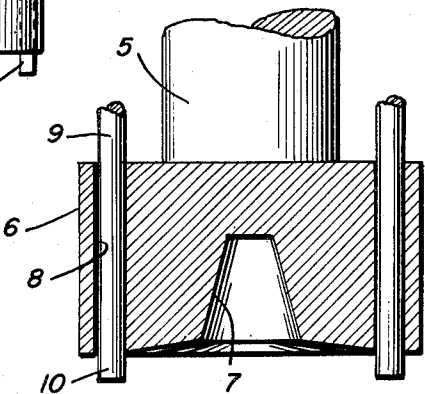


Fig. 2.

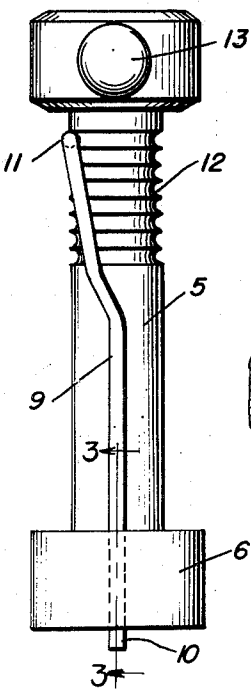
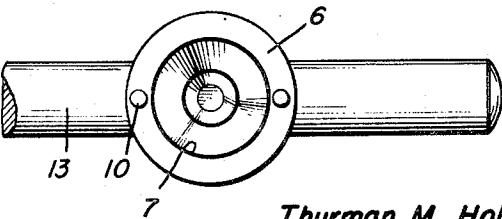


Fig. 4.



Inventor

Thurman M. Holt

By *Alaunce A. O'Brien*
and Harvey B. Jacobson
Attorneys

UNITED STATES PATENT OFFICE

2,525,222

SPANNER WRENCH

Thurman M. Holt, Durham, N. C.

Application September 16, 1947, Serial No. 774,200

3 Claims. (Cl. 81—90)

1

The present invention relates to new and useful improvements in wrenches and more particularly to a spanner wrench designed for use in inserting and removing screw-in type spikes or cleats in golf shoes and for similar purposes.

An important object of the present invention is to provide a spanner wrench which includes pins adjustably carried by the wrench whereby pins of proper length will be provided at all times for proper engagement in the recesses of the spike or other object to be tightened and to compensate for wear in the pins, or in case one of the pins should become broken.

A further object of the invention is to provide means whereby an adjustment of the pins is easily and quickly effected and wherein the pins may be easily and quickly removed and replaced, when desired.

A still further object is to provide a device of this character of simple and practical construction, which is strong and durable, efficient and reliable in use, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a front elevational view.

Figure 2 is a side elevational view.

Figure 3 is an enlarged fragmentary vertical sectional view taken on a line 3—3 of Figure 2, and

Figure 4 is a bottom plan view.

Referring to the drawings in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention the numeral 5 designates the shank or body of the wrench which is preferably round in cross-section and formed at its outer end with a flat head or flange 6.

The outer surface of the flange or head is recessed as shown at 7 to receive a golf spike or cleat and the flange is provided at diametrically opposite sides with longitudinally extending openings or bores 8 and through which the leg portions 9 of a U-shaped pin are slidably received, the ends of the legs projecting outwardly from the flange or head 6 to provide a pair of pins or keys 10 for insertion in recesses provided in the golf spike to thread the spike into the sole of a shoe in a manner well-known in the art.

The inner end of the pin 9 is offset laterally toward one side of the shank or body 5 of the wrench to place the bight portion 11 of the pin under spring tension and said bight portion is selectively seated in annular grooves 12 provided in the inner portion of the body 5 to thus hold the pins 10 in longitudinally adjusted position in the wrench.

2

The inner end of the body 5 is also provided with a cross-bar or handle 13 to facilitate turning of the wrench for tightening or loosening the spike in the shoe.

Should the outwardly projecting ends 10 of the pins become worn, mutilated or broken, the pins may be slidably adjusted and the bight portions 11 of the pins secured in a selected groove 12 to thus provide at all times pins of proper length to effectively engage a golf spike.

In view of the foregoing description taken in conjunction with the accompanying drawings, it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention what is claimed as new is:

1. A spanner wrench comprising a body having a working end, a U-shaped pin having legs slidably mounted on said body for projection beyond said working end into different positions, said body having grooves therein, and said pin having a bight portion resiliently urged into selective engagement with one of said grooves to hold said legs in different projected positions.

2. A spanner wrench comprising a body having a working end, a U-shaped pin having legs slidably mounted on said body for projection beyond said working end into different positions, said pin having a bight portion and being resilient, and devices on said body with which said bight portion is selectively engageable by resiliency of the pin to hold said legs in different projected positions.

3. A spanner wrench comprising a body having grooves therein and a working end, a pair of pins slidably mounted on said body for projection beyond said working end into different positions, and a cross-connection between said pins resiliently urged into selective engagement with one of said grooves to hold said pins in different projected positions.

THURMAN M. HOLT.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
2,448,805	Ingram	Aug. 10, 1946

FOREIGN PATENTS

Number	Country	Date
469,726	Great Britain	July 30, 1937