May 27, 1930. E. O. SKARKE 1,760,784

WRENCH

Filed Nov. 4, 1929

Fig. 1.

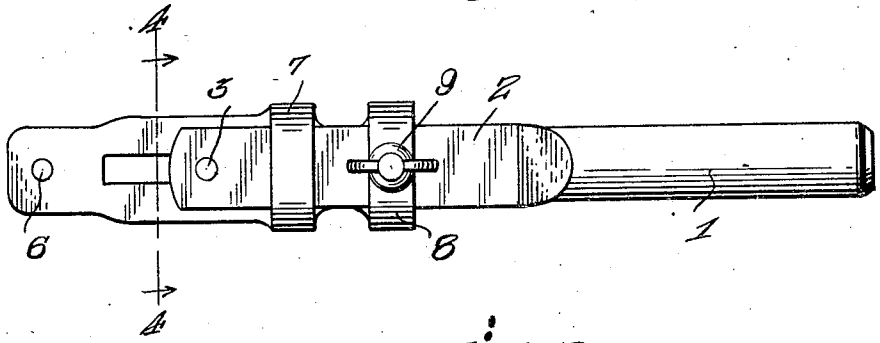


Fig. 2.

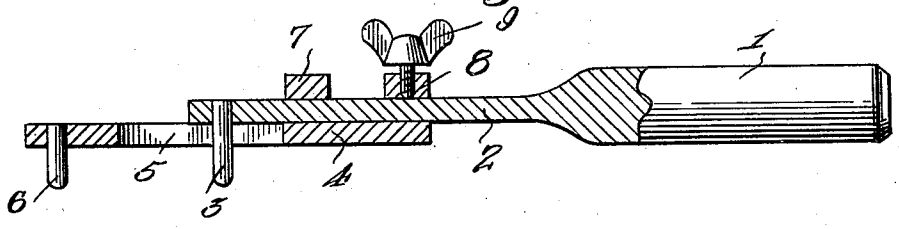


Fig. 3.

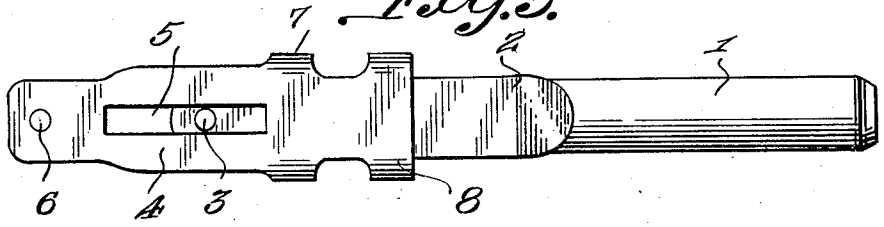
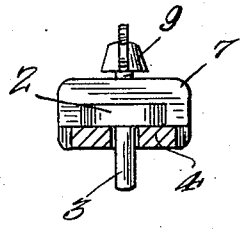


Fig. 4.



Emil O. Skarke, INVENTOR

BY Victor J. Evans

ATTORNEY

WITNESS:

Patented May 27, 1930 1,760,784

UNITED STATES PATENT OFFICE

EMIL O. SKARKE, OF SCHULENBURG, TEXAS

WRENCH

Application filed November 4, 1929. Serial No. 404,830.

My present invention has reference to a spanner wrench and my object is to provide a simple, durable, easily adjustable and serviceable spanner wrench adapted for use in pipe fitting for the turning of flange unions, etc., and to the attainment of the foregoing the invention consists in the novel features of construction, combination and operative association of parts, one satisfactory embodiment of which is illustrated by the accompanying drawings, set forth in the following specification and pointed out with particularity in the appended claims.

In the drawings:

Figure 1 is a top plan view of a spanner wrench in accordance with this invention.

Figure 2 is a side elevation thereof with parts in section.

Figure 3 is a bottom plan view thereof.

Figure 4 is a sectional view approximately on the line 4—4 of Figure 1.

My improved spanner wrench includes primarily only two members, one of which has a rounded end 1 that provides the same with a handle. From its rounded portion this member is formed with a flat centrally arranged extension 2, in the nature of a shank, and the outer end of this shank has secured thereon and depending right angularly therefrom a stud 3.

The shank of the second element of the improvement is also in the nature of a flat plate and is indicated by the numeral 4. This plate is arranged for slidable movement on the under face of the shank 2. The plate 4 has a central longitudinally extending elongated slot or opening 5 therein through which the stud 3 passes and the outer end of the plate or shank 4 has a depending stud 6.

The portion of the shank or plate 4, at its inner end and approximately in a line with the inner wall provided by the opening 5 is formed with yokes 7 and 8, respectively which receive therethrough the shank 2. Screwed through a threaded opening in the inner yoke 8 there is a wing nut 9 which is designed to frictionally contact with the outer face of the flat shank 2 and it will be apparent that by simply adjusting the wing nut the plate or shank 4 may be removed toward or away from the stud carrying end of the plate or shank 2 so that the wrench may be easily and quickly adjusted to have its studs engage with the bolt openings in various sizes of flange-unions.

The shank 2 is effectively guided by slight engagement with all of the walls of the yoke 7 and is further guided through the instrumentality of the stud 3 being closely related with respect to the side walls of the slot 5 in the shank 4, so that both of the primary elements of the improvement are held from side movement with respect to each other.

The construction and advantages of the improvement will be perefectly apparent to those skilled in the art to which such invention relates so that further description will not be required. However, I deem it necessary to state that I do not wish to be restricted to the precise details herein set forth and, therefore, hold myself entitled to make such changes therefrom as fairly fall within the scope of what I claim.

Having described the invention, I claim:

1. A handle member having a plate extension that provides a shank and which has an angularly arranged stud adjacent one end thereof, a second flat plate comprising a shank underlying the first mentioned shank and having an elongated opening to receive the stud of the first mentioned shank therethrough, said last mentioned shank having a depending stud adjacent its outer end, guide means carried by the last mentioned shank for the first mentioned shank and binding means between one of said guide means and the first mentioned shank.

2. A handle member having a plate extension that provides a shank and which has an angularly arranged stud adjacent one end

thereof, a second flat plate comprising a shank underlying the first mentioned shank and having an alongated opening to receive the stud of the first mentioned shank therethrough, said last mentioned shank having a depending stud adjacent its outer end, spaced yokes carried by the last mentioned shank through which the first mentioned shank is received and adjustable binding elements passing through one of the yokes for contacting with the first mentioned shank.

In testimony whereof I affix my signature.

EMIL O. SKARKE.