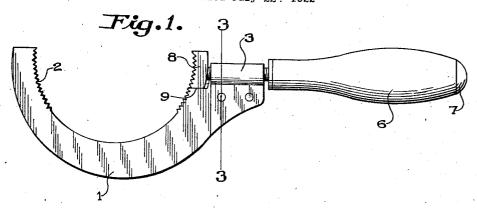
May 6, 1924.

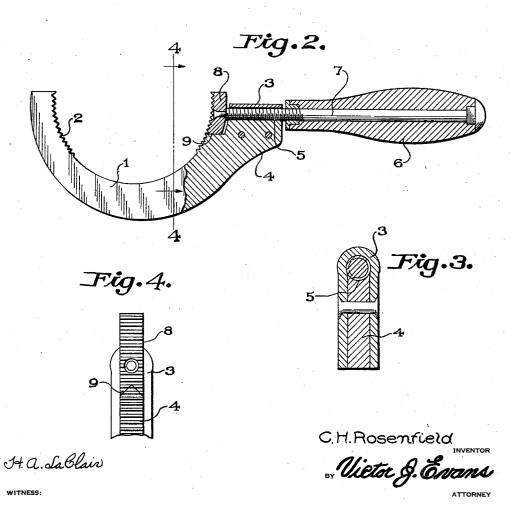
C. H. ROSENFIELD

1,493,389

JAR WRENCH

Filed July 22. 1922





## UNITED STATES PATENT OFFICE.

CHARLES H. ROSENFIELD, OF SALT LAKE CITY, UTAH.

JAR WRENCH.

Application filed July 22, 1922. Serial No. 576,898.

To all whom it may concern:

Be it known that I, CHARLES H. ROSEN-FIELD, a citizen of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented new and useful Improvements in Jar Wrenches, of which the following is a specification.

This invention relates to a device for removing and replacing tops on jars and the 10 like, the general object of the invention being to provide an adjustable gripping member with means for adjusting the same by the handle of the device.

Another object of the invention relates to 15 the specific means for rotatably connecting

the handle with the jaw part.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, refer-25 ence will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a side view of the device.

Figure 3 is a section on line 3—3 of Fig-

Figure 4 is a section on line 4-4 of Fig-

35 ure 2.

In these views 1 indicates a substantially semi-circular member which has portions of its inner edge corrugated, as at 2. A Ushaped clip 3 is riveted or otherwise secured being so arranged as to leave a space between the bight of the clip and the upper edge of the shank. This upper edge of the shank is curved and threaded, as shown at 5. A handle 6 is arranged on a bolt 7, the screw

threaded part of which passes through the space formed by the clip and shank with the threads engaging the threaded part of the shank. Thus by rotating the handle the threads will cause the handle to be moved 50 longitudinally. A corrugated gripping plate 8 is connected with the reduced end of the bolt and this plate is seated on a shoulder 9 of V-shape, which is formed by recessing the

inner upper part of the shank.

From the above it will be seen that by turning the handle 6 in one direction or the other the plate 8 will be projected or retracted on the shoulder so that it can be made to engage a part of the jar top when the device 60 is in use and thus clamp the device to the top. This will permit the top to be turned to remove it from the jar or to tighten it thereon.

It is thought from the foregoing descrip- 65 tion that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several 70 parts, provided that such changes fall within the scope of the appended claim.

What I claim is:-

A jar wrench comprising a member of Figure 2 is a similar view with parts in semi-circular shape having a recess at its 75 inner end, a U-shaped clip secured to this end of the member and forming a circular space with one edge of the member which is rounded, a part of the wall of said space being threaded, a handle, a bolt passing so through the same and having its threaded part passing through the space and engaging the threads, a corrugated gripping plate movably connected with a reduced end of the to the shank 4 of the member, the parts threaded part of the bolt, said plate being 85 located in the recess with one edge thereof engaging the wall of the recess.

In testimony whereof I affix my signature.

CHARLES H. ROSENFIELD.