(No Model.)

# C. E. ANDERSON.

## MONKEY WRENCH.

No. 601,114. Patented Mar. 22, 1898.

FIG. 1.

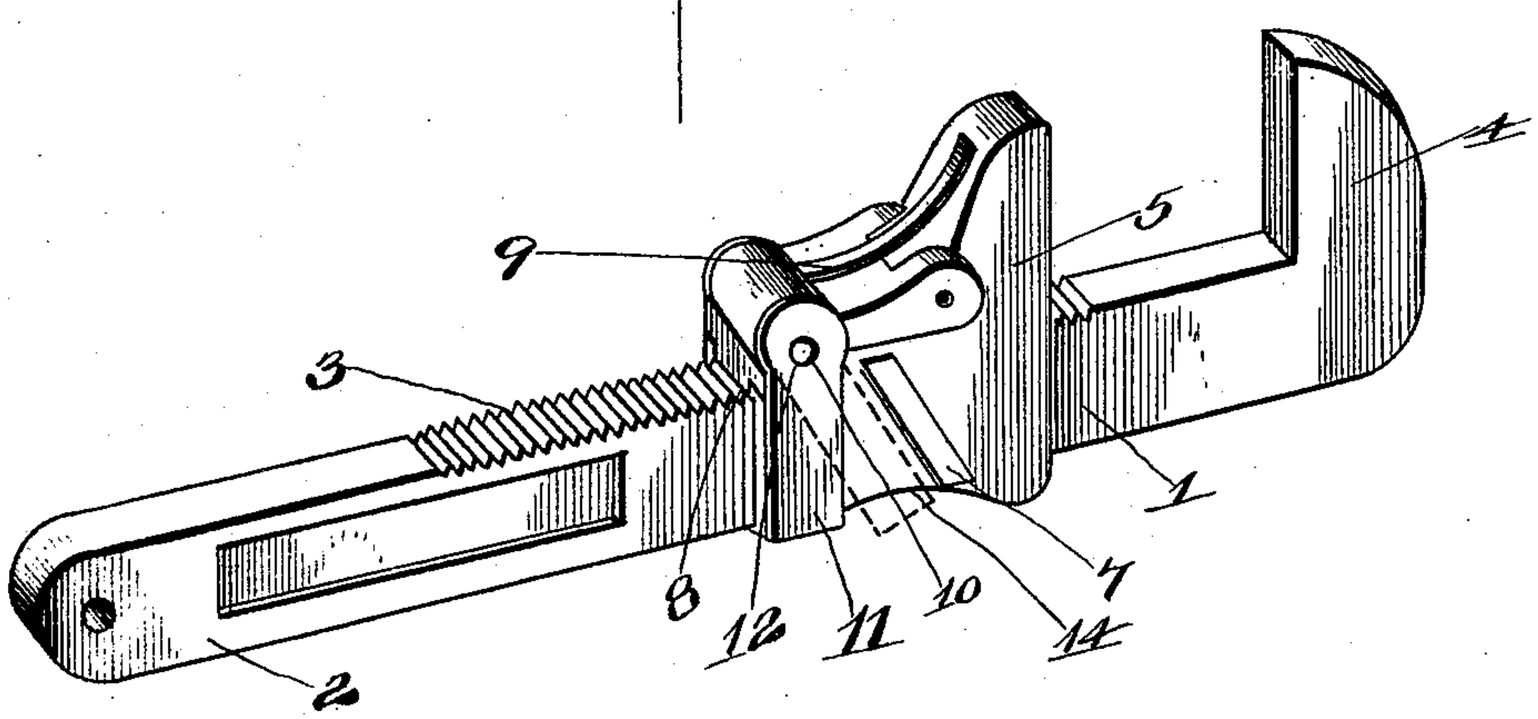
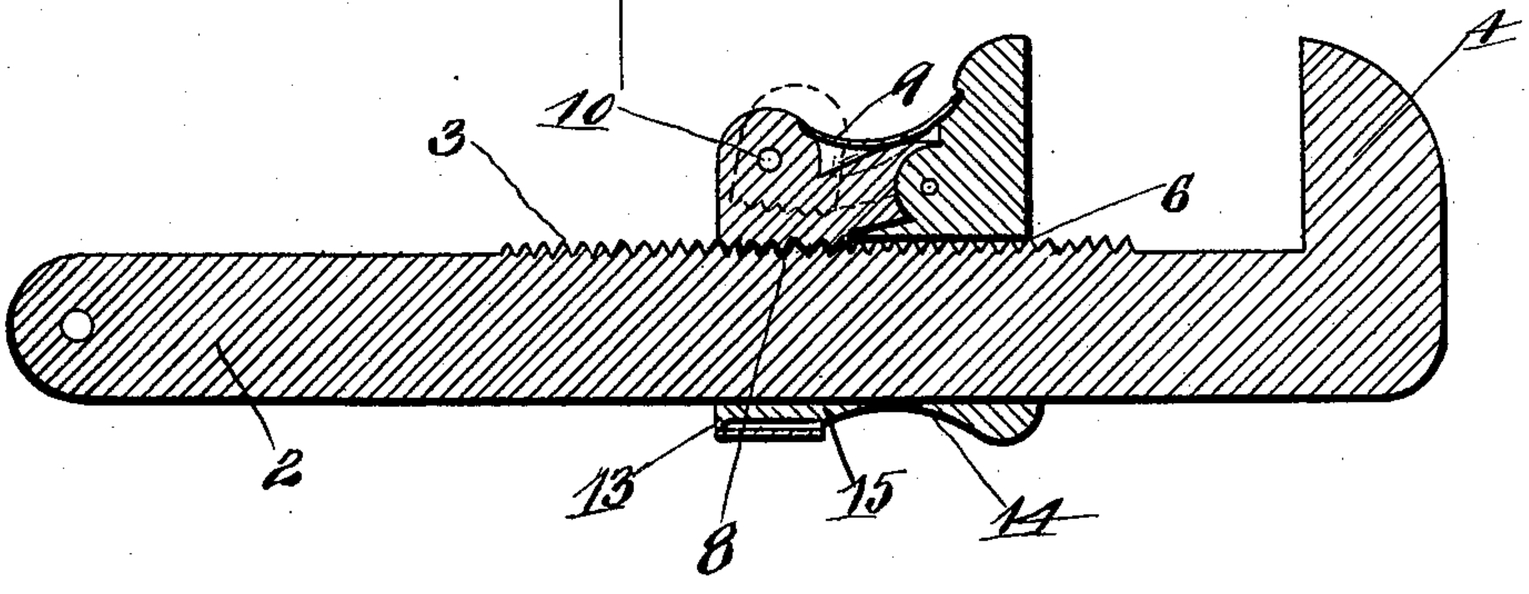



FIG. 2.

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# UNITED STATES PATENT OFFICE.

CASPER E. ANDERSON, OF CASTLE DALE, UTAH.

## MONKEY-WRENCH.

SPECIFICATION forming part of Letters Patent No. 601,114, dated March 22, 1898.

Application filed June 10, 1897. Serial No. 640,227. (No model.)

*To all whom it may concern:*

Be it known that I, CASPER E. ANDERSON, of Castle Dale, in the county of Emery and State of Utah, have invented certain new and useful Improvements in Monkey-Wrenches; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to wrenches; and its object is to provide an improved form of wrench which will be readily adjustable to any-sized nut.

My invention consists of certain novel features of construction and combinations of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my device, and Fig. 2 is a longitudinal section therethrough.

The numeral 1 indicates the body portion of my device, which is provided with a handle 2. A series of ratchet-teeth 3 are formed upon the edge of the body portion. A fixed jaw 4 is preferably formed integral therewith. A sliding jaw 5 is provided with an opening 6, through which passes the body portion of my device. Stops 7 are provided upon each side of the sliding jaw. A pawl 8 is held upon said sliding jaw to engage the ratchet-teeth in the handle, and the jaw is cut away to conform thereto. A spring 9 normally presses said pawl against said ratchet-teeth. Journals 10 are formed upon the pawl, being preferably opposite each other. A yoke 11, provided with openings 12, extends around said sliding jaw, said openings embracing the journals upon the pawl. A stop 13 upon the sliding jaw serves, in connection with the stops before mentioned, to limit the motion of said yoke.

The sliding jaw is cut away, as at 14, and is provided with a shoulder, as at 15. When the yoke rests upon the shoulder, the pawl is held firmly engaged with the ratchet-teeth; but when the yoke rests in the depressed portion the same may be raised by pressing upon the back of the yoke with the forefinger and the sliding jaw may be moved from one point to the other in a rapid manner.

When desired, I provide a scale upon the body portion to indicate the width of the opening between the jaws.

It is obvious that many minor changes may be made in the form of my device without departing from the material principles thereof. I do not therefore desire to confine myself to the exact form herein shown and described, but wish to include all such as properly come within the scope of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a wrench, the combination with a body portion provided with a series of ratchet-teeth thereon, of a fixed jaw formed integral therewith, a jaw having a depressed portion therein, a pawl held upon said jaw to engage said ratchet-teeth, a yoke held upon said pawl and extending around said sliding jaw and adapted to closely engage the same or to lie in the aforementioned depressed portion and raise said pawl, substantially as described.

2. In a wrench, the combination with a body portion, of a handle held thereon, a series of ratchet-teeth formed thereon, a fixed jaw formed thereon, a sliding jaw provided with an elevated portion at one end of the back thereof and a depressed portion toward the middle of the back thereof, a stop formed upon said elevated portion, stops formed upon the sides thereof, a pawl held upon the front of said sliding jaw adapted to engage said ratchet-teeth, a spring normally holding said pawl in engagement with said teeth, journals formed upon said pawl, and a yoke extending around said sliding jaw and fitting over said journals, substantially as and for the purpose described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CASPER E. ANDERSON.

Witnesses:

H. OLSEN,

O. J. ANDERSEN.