

A. EARNHART.

PLIERS.

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1,367,362.

Patented Feb. 1, 1921.

Fig. 1.

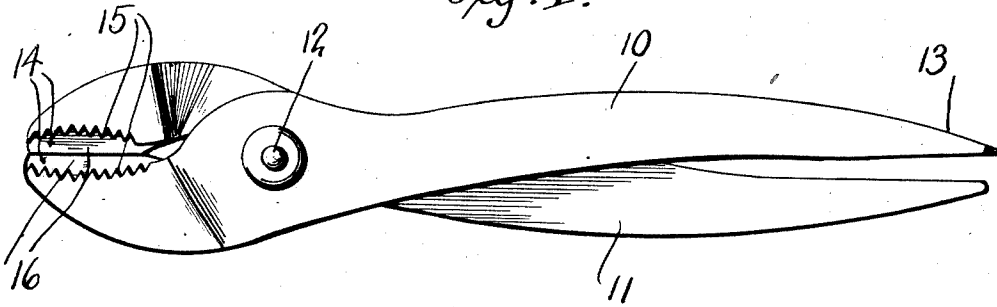


Fig. 2.

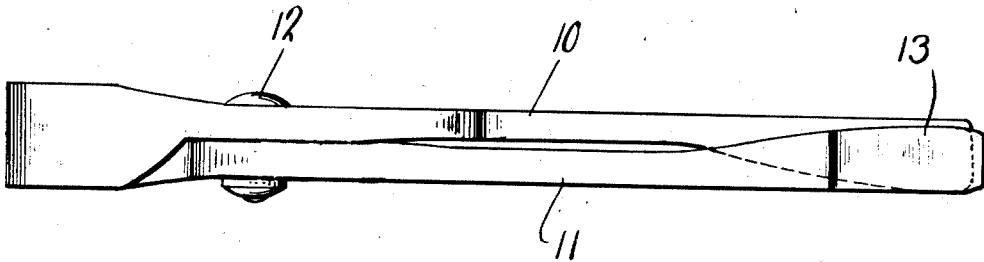
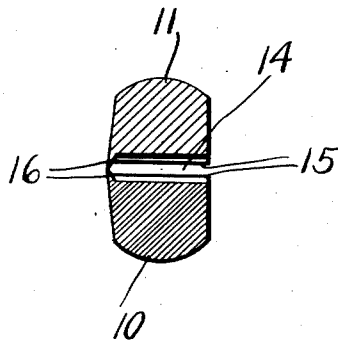


Fig. 3.



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WITNESS:

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ARTHUR EARNHART, OF POND CREEK, OKLAHOMA.

PLIERS.

1,367,362.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ARTHUR EARNHART, a citizen of the United States, residing at Pondcreek, in the county of Grant and State of Oklahoma, have invented new and useful Improvements in Pliers, of which the following is a specification.

This invention relates to tools, particularly to pliers, and has for its object the provision of pliers having jaws formed concaved and serrated whereby to facilitate gripping the heads of bolts or nuts, the jaws being further provided at one side with flanges extending their full length and extending beyond the concavities whereby to engage against the face of a nut or bolt head to prevent the pliers from slipping down or beyond the nut or bolt head.

An important object is the provision of pliers of this character which will be simple and inexpensive in manufacture, highly efficient in use, durable in service, and a general improvement in the art.

With the above and other objects and advantages in view, the invention consists in the details of construction to be hereinafter more fully described and claimed, and illustrated in the accompanying drawings in which—

Figure 1 is a side elevation of pliers constructed in accordance with my invention, Fig. 2 is an elevation at right angles to Fig. 1, and

Fig. 3 is a cross sectional view through the jaws.

Referring more particularly to the drawings, the numerals 10 and 11 designate members arranged in crossed relation and pivoted, as shown at 12. At one end these members 10 and 11 are formed to provide handles, one of which is preferably formed

as a screw-driver, as shown at 13. The other ends of the members 10 and 11 constitute jaws and the jaws are formed on their confronting faces with concavities 14 and are serrated or toothed, as shown at 15. At one edge the jaws are formed with flanges 16 which extend beyond the concavities and which are adapted to engage a bolt head or nut gripped by the jaws, the purpose of the flanges being to prevent the jaws from slipping along the bolt head or nut, as will be apparent.

From the foregoing description and a study of the drawings it will be apparent that I have thus provided a very simple and inexpensive pliers which will be very efficient in gripping action and which are partly adapted for use in holding the head of a bolt while the nut is being unscrewed therefrom by a different tool.

While I have shown and described the preferred embodiment of my invention, it is of course to be understood that I reserve the right to make such changes in the form, construction, and arrangement of parts as will not depart from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:

Pliers comprising a pair of members arranged in crossed relation and pivotally connected, said members being formed at one end to define handles and having their other ends constituting jaws, the confronting faces of said jaws being concaved and formed with serrations, and flanges formed on and extending the full length of said jaws at one side thereof and projecting beyond the concavities.

In testimony whereof I affix my signature.
ARTHUR EARNHART.