

Oct 2, 1923.

1,469,696

N. RAEZ

COMBINATION TOOL

Filed Feb. 21, 1921

Fig. 1.

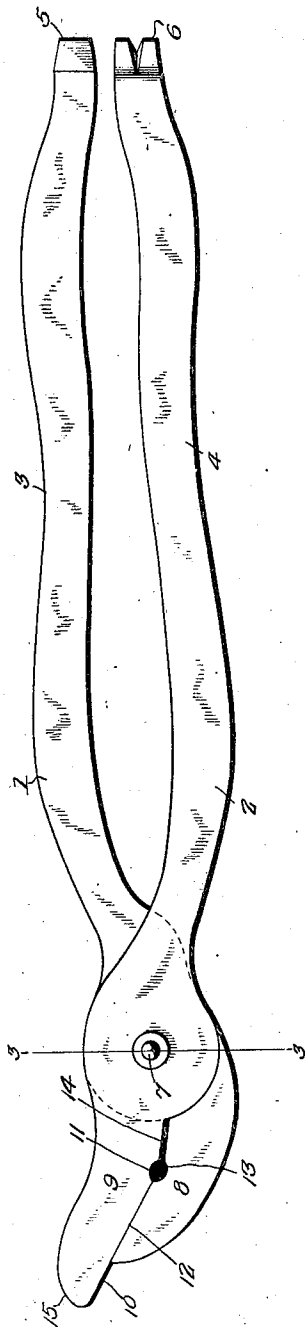


Fig. 2.

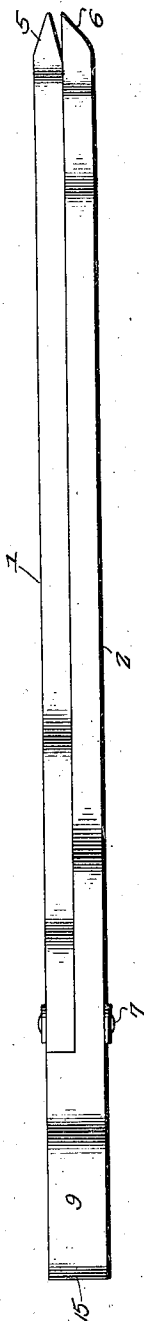
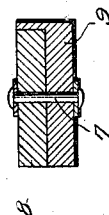


Fig. 3.



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UNITED STATES PATENT OFFICE.

NIKLAS RAEZ, OF ST. JOSEPH, MISSOURI.

COMBINATION TOOL.

Application filed February 21, 1921. Serial No. 446,687.

To all whom it may concern:

Be it known that I, NIKLAS RAEZ, a citizen of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented certain new and useful Improvements in Combination Tools, of which the following is a specification.

This invention relates to compound tools and more particularly to kitchen utensils of this character.

The object of the invention is to combine in a single utensil a pie-plate or other pan lifter, a stove-lid lifter, a screw-driver, and a tack puller.

Another object is to construct such an implement with gripping jaws so formed and arranged that a maximum pan-engaging lifting surface will be provided, and one of the jaws extended beyond the other for this purpose, and also to form a nose to enter a stove-lift socket for lifting the lid.

With these and other objects in view, the invention consists in certain novel features of construction as hereinafter shown and described and then specifically pointed out in the claims; and in the drawings illustrative of the preferred embodiment of the invention,—

Figure 1 represents a side elevation of the tool constituting this invention shown in reversed position,

Fig. 2 is an edge view thereof, and

Fig. 3 is a transverse section taken on the line 3—3 of Fig. 1.

In the embodiment illustrated, the tool constituting this invention comprises a pair of flat-sided crossed levers or arms 1 and 2 pivotally connected intermediate their ends, as shown at 7, the portions at the rear of said pivots being arranged edgewise constituting handle members shaped as shown in Fig. 1 having incurved portions 3 and 4 midway the length of said members to form a hand grip while the terminals of said levers at their rear ends are provided respectively with a screw-driver blade 5 and a tack-pulling member 6.

The portions of the levers or arms in advance of the pivot 7 are also arranged edgewise and each has a lateral extension on its inner side face of a thickness corresponding to that of the other jaw with which it overlies thereby forming gripping faces of double width, as is shown clearly in Fig. 2, the jaws being numbered 8 and 9 respectively. The jaw 9 which is carried by the lever or

arm 2 is made longer than jaw 8 and the gripping faces of both of these jaws, as shown at 10 and 12 respectively are made rectilinear and inclined at an oblique angle to the longitudinal axis of the arm.

The rectilinear gripping face 10 of jaw 9 terminates at its inner end with a semi-circular recess 11 extending transversely across the jaw face, while the jaw 8 has a similar recess 13 at its inner end which registers with the recess 11 and forms, when the jaws are closed, a closed circular recess, as shown in Fig. 1, which is designed to receive the bead or flange of the edge of the pan or plate to be lifted. The rear portions of the opposed faces of the jaws are spaced apart, as shown at 14 in Fig. 1, to insure the reliable gripping or meeting of the edges of the faces 10 and 12 in advance of the recesses of said jaws.

As shown in Fig. 1, the projecting end of jaw 9 forms a nose 15 which is designed to be inserted in a stove-lid socket when the tool is to be used as a stove-lid lifter. The extension of the rectilinear face 10 of said jaw provides an extended plate or pan engaging surface, it being understood that when the tool is used for lifting a pie-plate or other pan, it is reversed from the position shown in Fig. 1, the jaw 8 being arranged uppermost and its free end designed to engage the inner face of the flange of the pie-plate, while the jaw 9 engages the outer face thereof, the bead or flange at the terminal edge of the pie-plate entering the recess formed by the registering semi-circular recesses 11 and 13 of the jaws.

It is of course understood that this tool may be constructed of any suitable metal, preferably of aluminum, and it may be nicked or finished in any desired manner forming a four-in-one kitchen utensil which will be found useful for the purposes above set forth.

The preferred embodiment of the invention is disclosed in the drawings and set forth in the specification, but it will be understood that any modifications within the scope of the claimed invention may be made in the construction without departing from the principle of the invention or sacrificing any of its advantages.

I claim:

1. An implement of the class described comprising a pair of pivotally connected lever jaws with the ends on one side of the

pivot angularly arranged with reference to the ends on the other side of the pivot and parallel to each other, the gripping faces of the two jaws being spaced apart adjacent 15 to the pivot and there provided with coacting matching recesses spaced from the outer meeting ends of the jaws, one of said jaws extending beyond the end away from the pivot to constitute a nose for entering into a stove lid socket. 20

2. An implement of the class described comprising a pair of pivotally connected 10 lever jaws with the ends on one side of the pivot angularly arranged with reference to the ends on the other side of the pivot and

In testimony whereof, I affix my signature hereto.

NIKLAS RAEZ.