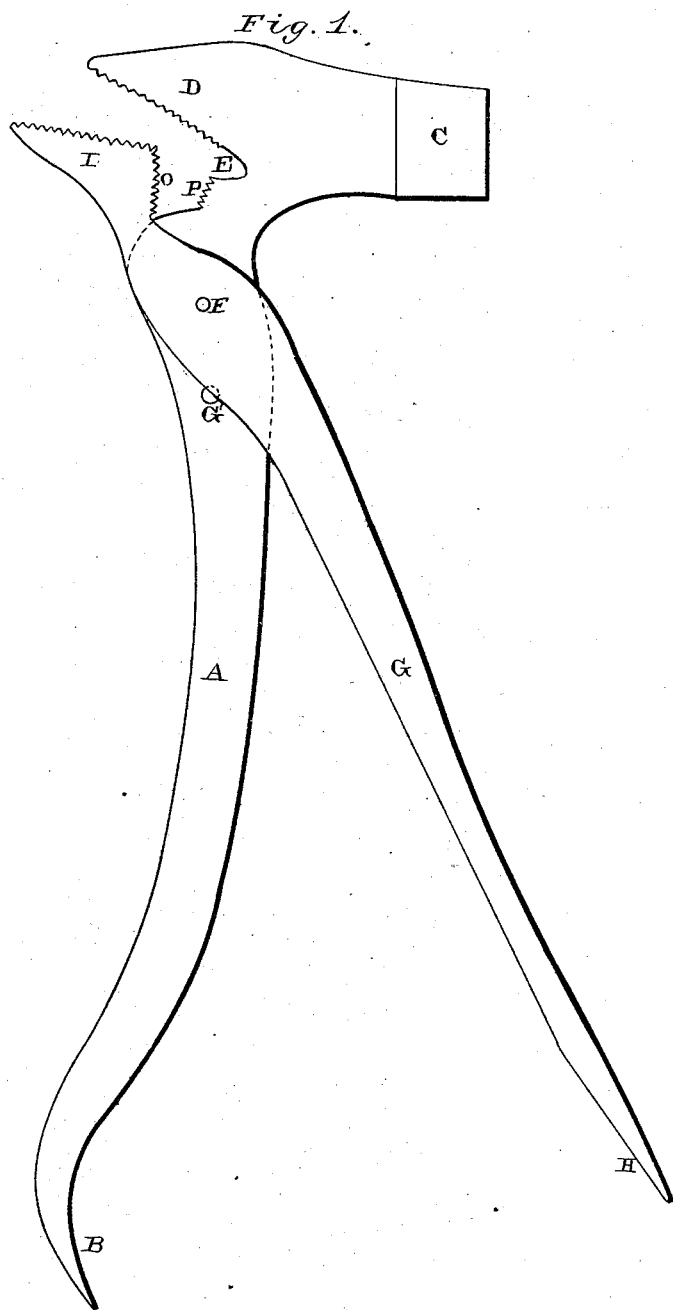


(No Model.)

G. A. TOWNSEND.
COMBINATION TOOL.

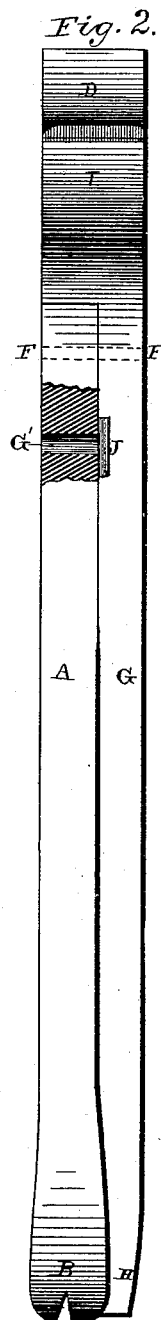
No. 264,373.

Patented Sept. 12, 1882.



Witnesses.

Robt. Johnson
W. Kern



Inventor.

Geo. A. Townsend,
per
F. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

GEORGE A. TOWNSEND, OF COLUMBUS, OHIO.

COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 264,373, dated September 12, 1882.

Application filed August 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. TOWNSEND, of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in a Combination-Tool; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in combination-tools; and it consists, first, in forming a notch or recess in the under side of the upper one of the two jaws of a combined tongs and hammer, so as to form a plate-lifter; second, in the combination of two pivoted jaws which are so shaped at one of their ends as to form a wrench or tongs, one of which jaws has a hammer formed upon its rear part, as will be more fully described hereinafter.

The object of my invention is to produce a tool for household use in which are combined a dish lifter, wrench, screw-driver, pinchers, hammer, wire-cutter, tack-puller, kettle-lifter, griddle-lifter, coal-cracker, nut-cracker, and pipe-wrench, all in a single instrument.

Figure 1 is a side elevation of my invention. Fig. 2 is an edge view of the same.

A represents one of the handles or levers, upon the longer end of which is formed the tack-puller B. Upon the opposite end of this lever or handle is formed the hammer C and the jaw D, which jaw is preferably serrated on its under side, so as to adapt it to catch hold of smooth articles. At the inner corner of this jaw is formed the recess E, which is just large enough to adapt it to receive the edge of the plate or other similar household article. Made through this lever or handle, a short distance below the pivot F, is the hole G', through which a wire may be passed to be cut in two.

Pivoted upon the handle or lever A is a second handle or lever, G, which has the ice-pick and screw-driver H formed on its longer end. Upon the opposite end is formed the jaw I, which is preferably serrated upon its upper side, and which acts in conjunction with the other jaw to form a dish-lifter, wrench, pinchers, and pipe-wrench. Secured to the inner side of this jaw will be a suitable cutting-plate of steel or hard metal, J, which will sweep over

the hole through which the wire is passed, and thus act as a wire-cutter each time the handles are closed together.

When it is desired to use the implement as a dish-lifter the two jaws are turned downward and the jaw D is made to catch under the edge of the plate or dish until its edge catches in the recess which is formed to receive it. The other jaw will then be closed down over the top of the dish with sufficient force to hold the dish securely in place, and the plate or dish can then be carried around with perfect safety. The longer ends of the levers, which are formed into a tack-puller, ice-pick, and a screw-driver, are adapted for lifting kettles, griddles, stove-plates, and other such things, while the jaws are adapted to act as a wrench, pipe-wrench, and nut-cracker. The hammer part enables the instrument to be used as a hammer for breaking coal, driving tacks and nails, and for other such uses to which a hammer is applied.

It will be seen that the instrument consists of only the two jaws and the pivot which unites them together, and hence is not liable to be broken or get out of order.

In order to enable the jaws to catch hold of small pipes and hold them securely, each jaw is provided with a serrated edge, as shown at O P, between which edges wires and small pipes can be held more firmly than between the outer edges of the jaws.

Having thus described my invention, I claim—

1. The combination of the two handles or levers pivoted together and provided with jaws, one of the jaws having a recess or notch formed in its inner end, so as to adapt the implement to be used as a plate or dish lifter, substantially as shown.

2. In a combination-tool, the combination of the two handles A G, provided with the two jaws D I, the jaws being provided with the serrated edges O P, extending at an angle to the main portions of the jaws, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE A. TOWNSEND.

Witnesses:

J. F. HOFFMAN,
J. S. GOLD.