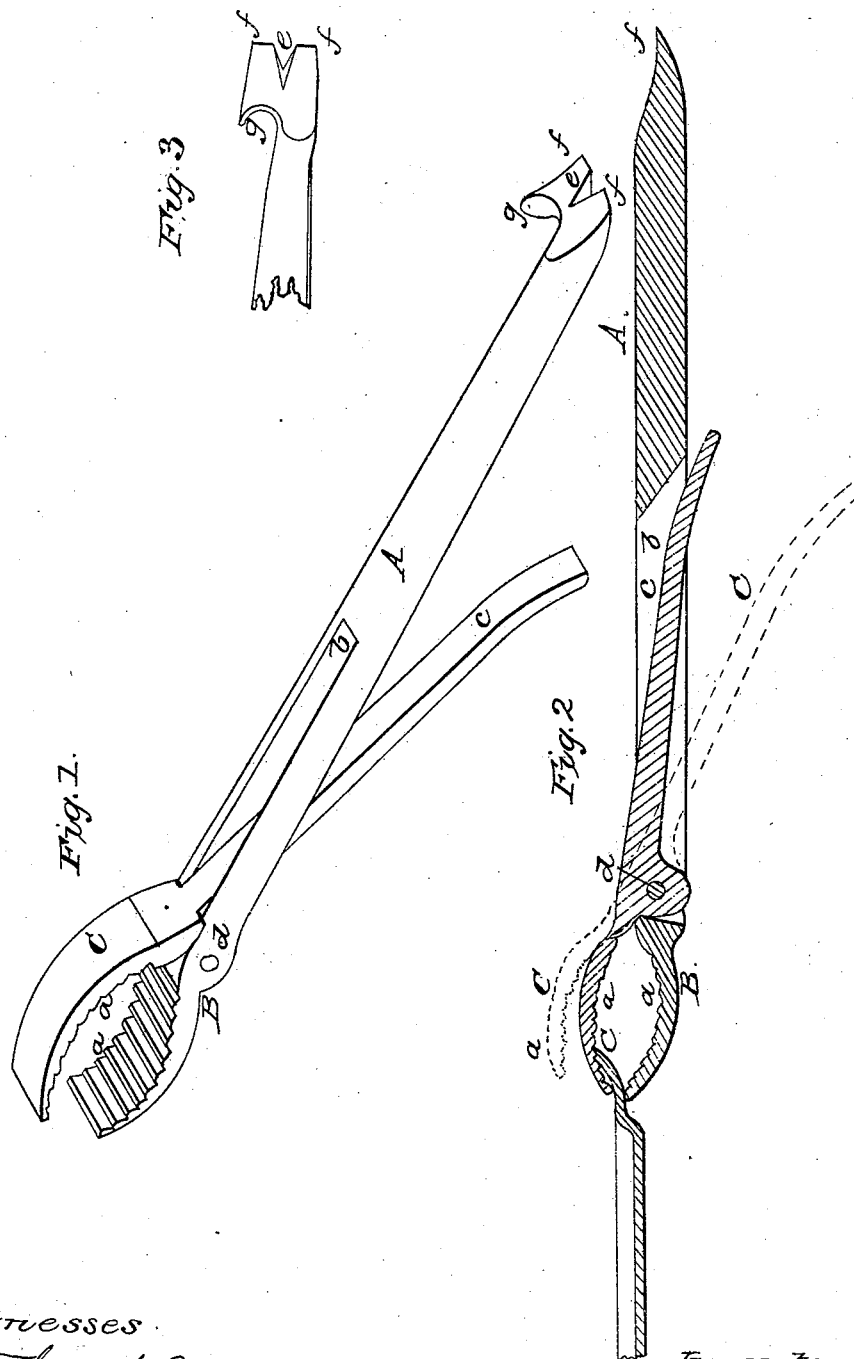


P. A. GLADWIN.

Tool for Lifting Stove Covers, &c.

No. 48,676.

Patented July 11, 1865.



Witnesses
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PORTER A. GLADWIN, OF BOSTON, MASSACHUSETTS.

TOOL FOR LIFTING STOVE-COVERS, &c.

Specification forming part of Letters Patent No. 48,676, dated July 11, 1865.

To all whom it may concern:

Be it known that I, PORTER A. GLADWIN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a Combined Tool for Lifting Stove-Covers, Plates, &c., and for various other purposes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of my improved tool, its jaws being shown in the position they occupy when ready for use. Fig. 2 is a central longitudinal section through the same, the jaws being closed in the act of grasping a plate; Fig. 3, detail to be referred to.

The object of my invention is to provide housekeepers and others with a single tool so constructed that it may be employed in the performance of various offices which ordinarily require several separate and independent tools; and my invention consists in a combined tool having at one end a stationary and a movable jaw for lifting stove-covers, plates, &c., while its opposite end is flattened to an edge and bifurcated, so as to form a screw-driver and a tack-drawer, and is also furnished with a hook for lifting kettles, &c., by their bails or handles.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents the handle of my improved tool, at one end of which is formed a stationary jaw, B, provided with notches or projections *a*. Through a portion of the handle A adjoining the jaw B is cut a slot, *b*, within which swings the arm *c* of a movable jaw, C, also provided with notches *a*, and pivoted at *d* to the stationary jaw B. The arm *c* is so pivoted as to fall by its own weight into the position shown in Fig. 1, and also by the red lines in Fig. 2, thus keeping the jaws always open ready for use. The end of the handle A opposite to that which bears the jaws is flattened and tapered off to an edge, which is cut away so as to leave a recess, *e*,

between the projections *f f*, thus serving the double purpose of a screw-driver and tack-drawer.

g is a hook (see Figs. 1 and 3) projecting from one side of the handle, by means of which kettles, flat-irons, and other articles may, when hot, be readily removed by lifting them by their bails or handles.

When it is desired to lift a hot plate or similar article, the jaw B, being placed underneath the movable jaw C, is closed down tightly upon it by bringing up the arm *c* by pressure applied with the finger.

In removing a stove-cover either the stationary jaw B or the opposite end of the handle may be employed, as preferred.

The jaws B and C are made of sufficient width so as to insure a firm grasp upon the article between them, thereby preventing the liability of its slipping out after being grasped.

When it is desired to stretch a carpet for the purpose of tacking it down, the jaws are made to embrace the hem, whereby the operator is enabled to work to much better advantage than by the hands alone.

In removing a hot pan from an oven the jaws are brought together as before explained, and the rim or side of the pan is caught between the notches *a*.

It is evident that the above-described tool may be used for a number of purposes not here mentioned. For instance, the jaws may be used to advantage to perform the several functions of a pair of pinchers or nippers, and the tool, besides being both simple and compact in its construction, can be furnished at a small cost.

What I claim as my invention, and desire to secure by Letters Patent, is—

The within-described tool, consisting, essentially, of the handle A, with its stationary jaw B and slot *b*, in combination with the movable jaw C and its arm *c*, the whole arranged and operating as and for the purpose set forth.

PORTER A. GLADWIN.

Witnesses:

P. E. TESCHEMACHER,
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