

J. HUNT.
COMPOUND TOOLS.

No. 177,843.

Patented May 23, 1876.

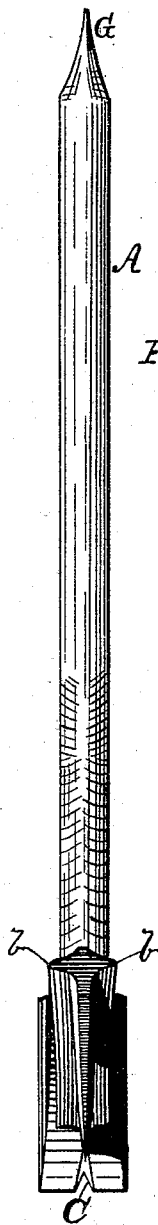


Fig. 2.

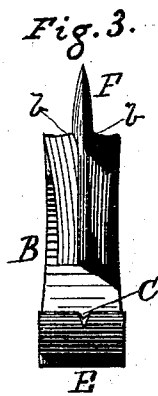


Fig. 3.

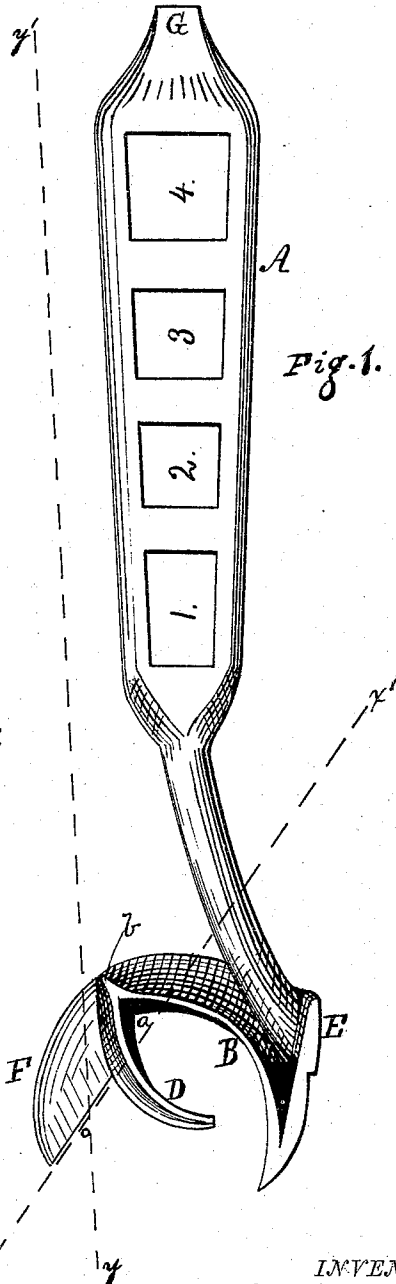


Fig. 1.

WITNESSES
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JACKSON HUNT, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN COMPOUND TOOLS.

Specification forming part of Letters Patent No. 177,843, dated May 23, 1876; application filed April 23, 1876.

To all whom it may concern:

Be it known that I, JACKSON HUNT, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a Combined Household Tool, of which the following is a specification:

My invention consists of a combination tool, cast in a single piece of metal, having at one end a device for lifting stove or range covers, plates, kettles, &c., a tack-driver, tack drawer or extractor, and an ice-pick, and can-opener, and, at the other end, a screw-driver. The handle, having different-sized openings, constitutes a wrench.

In the accompanying drawings, Figure 1 is a side view of my combined tool; Fig. 2, a plan or top view, and Fig. 3 an end view thereof.

A is the handle of the tool, which has at one end a hook, B, for lifting the covers of stoves, ranges, &c. The extreme end of the hook B, having the notch C therein, constitutes a tack drawer or extractor. Above and back of the hook B is a reversed hook, D, which is used, in connection with hook B, for lifting a plate or other article, the under side of the plate, near its edge, bearing upon the lower hook, and the upper side being held firmly against the upper hook by the weight of the plate. The hooks B and D, intersecting at *a*, constitute a kettle-lifter. On the rear under side of the hook B is a hammer, E, for driving tacks, &c. In connection with the hook D is a cutter, F, for opening cans, and which may also be used as an ice-pick. The end G of the handle is formed so as to be capable of being used as a screw-driver or ice-pick. The handle, with the openings 1, 2, 3, and 4, constitutes a wrench.

It will be observed that the edge of the cutter F is straight, and stands at an angle, x or y , of forty-five degrees, or thereabout, to the straight portion of the handle, as shown by the dotted lines xx' and yy' , by which ar-

range ment I have found by experiment that the tool works equally as well in cutting the tops of square cans as it does in cutting the round tops, and is not liable to give or work back when being used, which is a great advantage in tools to which my invention pertains; and another advantage will be observed in the tack-hammer being so far back as not to be an obstruction when the tool is being used for lifting the covers of stoves, &c.; also, that when the tool is used for lifting kettles, all twisting or turning of the kettle is prevented by the bail thereof resting snugly in the crutch formed by the intersection of the hooks B and D.

In using the tool for opening cans, the cutter F is forced through the head of the can until the flanges *b* rest thereon, when, the handle being vibrated up and down, the cutter makes its way around or along the edge of the can-top. The other purposes for which the tool may be used are well understood.

I am aware that combination tools are not new, and therefore do not broadly claim such; but

What I claim as my invention is—

As a new article of manufacture, a combination tool, the handle of which, having the openings 1, 2, 3, and 4, constitutes a wrench, the one end of which handle has a screw-driver, G, and the other end having a tack-hammer, E, tack-drawer C, stove-cover lifter B, a plate-lifter consisting of the curved portions B and D, these curved portions forming an angular intersection at *a*, constituting a kettle-lifter, and also a blade, F, which, in combination with the flanges *b*, constitutes a can-opener, all in one and the same piece of metal, as shown and described.

JACKSON HUNT.

Witnesses:

JOHN URIAN,
D. O. FISHER.