

(No Model.)

J. ANGUS.
COMBINATION TOOL.

No. 376,058.

Patented Jan. 10, 1888.

Fig: 1.

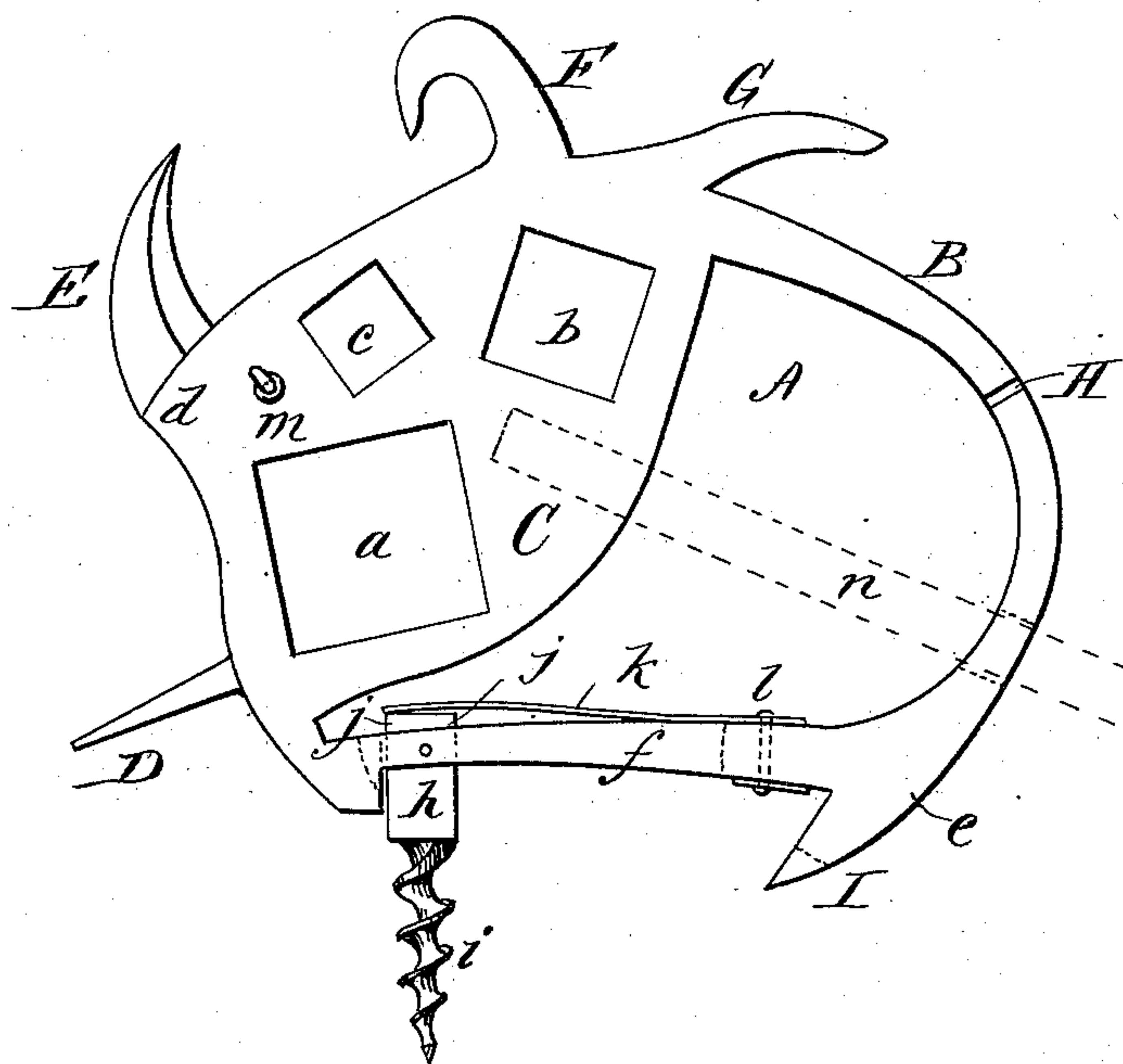


Fig: 2.

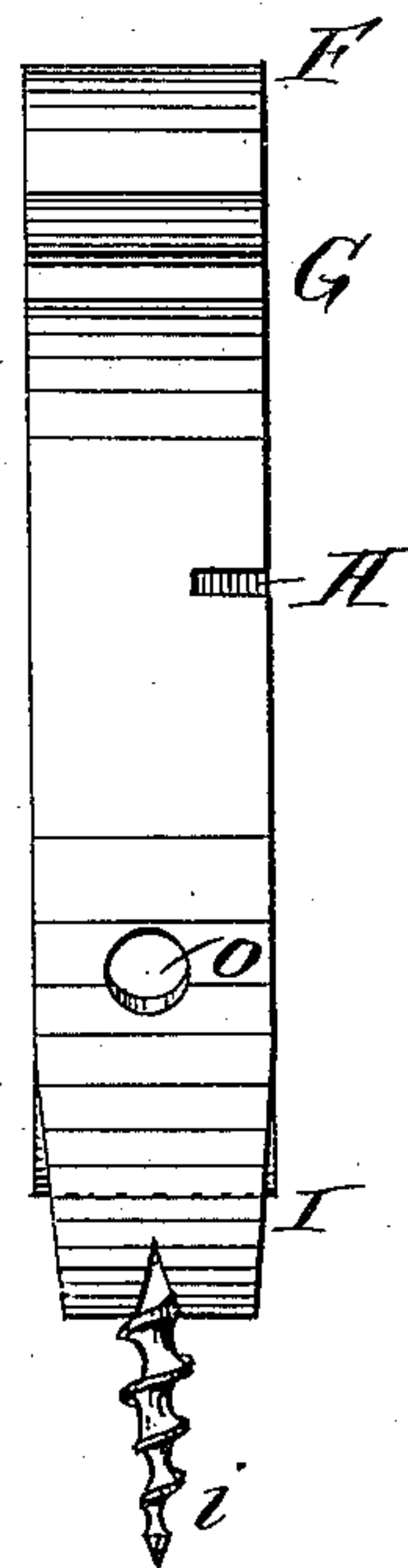


Fig: 3.

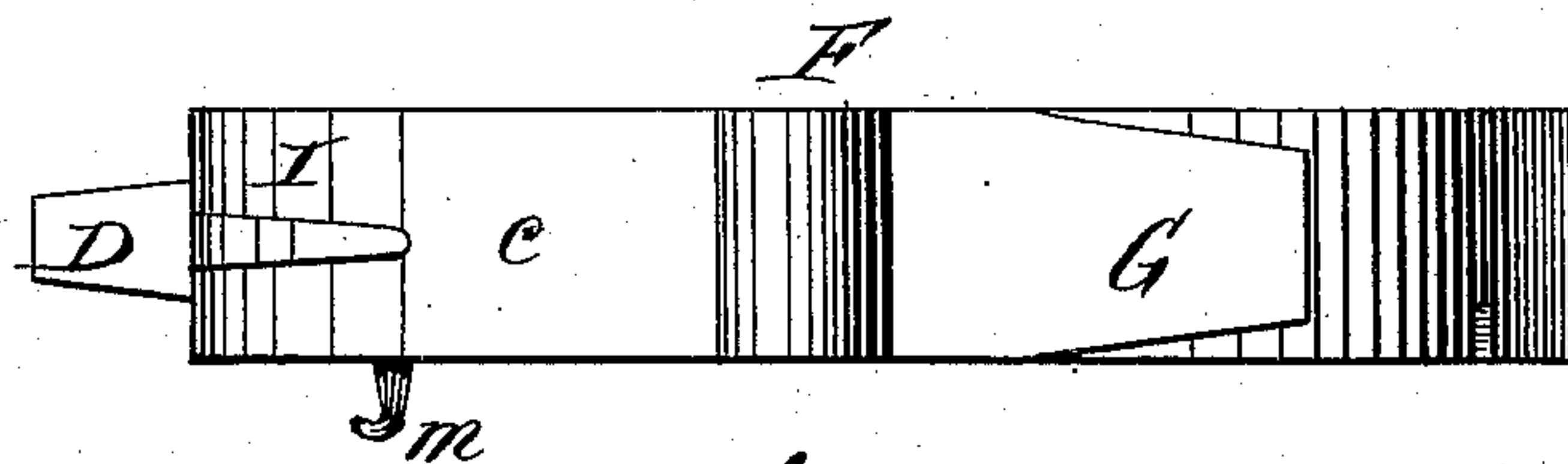
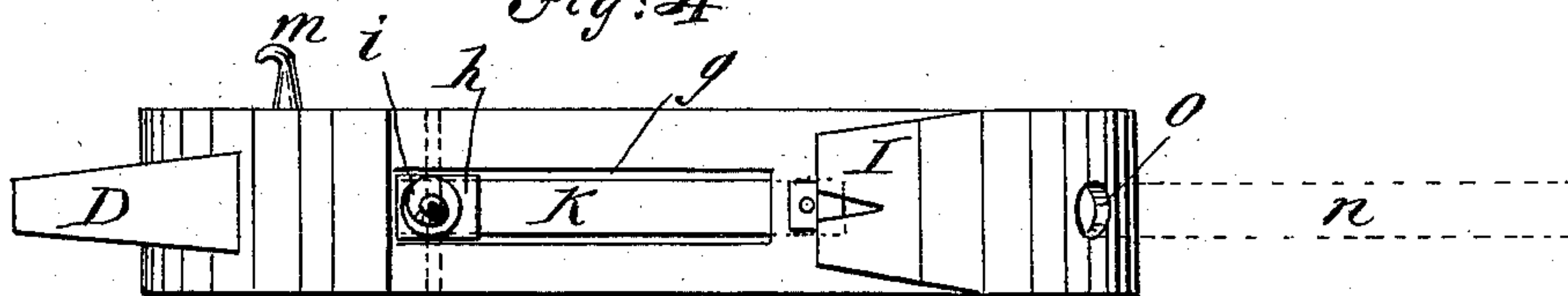


Fig: 4.



WITNESSES:

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JAMES ANGUS, OF ST. CATHARINES, ONTARIO, CANADA.

COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 376,058, dated January 10, 1888.

Application filed April 21, 1887. Serial No. 235,617. (No model.)

To all whom it may concern:

Be it known that I, JAMES ANGUS, of St. Catharines, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Combination-Tool, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a side elevation of my combination-tool. Fig. 2 is a front elevation. Fig. 3 is a plan view, and Fig. 4 is an inverted plan view.

Similar letters of reference indicate corresponding parts in all the views.

The object of my invention is to construct of a few and simple parts a tool which may be used as a saw-set, stove-cover lifter, pot-hook, can-perforator and can-opener, a screw-driver, corkscrew, a tack-puller, a wrench, and a sad-iron holder or plate-stand.

My invention consists in a casting of malleable iron or steel, forming the body of the tool, and provided with openings and projections of various kinds, and a spring-actuated corkscrew pivoted in one side of the casting and capable of being opened for use, all as hereinafter more fully described.

The body of the tool is formed of the casting A, having a loop, B, and a part, C, having mortises *a b c*, of different sizes, to be used for receiving nuts when the implement is employed as a wrench. From the outer edge of the part C a screw-driver bit, D, projects from one side thereof.

Upon the angle *d* of the part C is formed a curved cutter, E, which serves as a can-opener. A short distance from the cutter E a hook, F, projects from the edge of the part C, which is designed for lifting pots, kettles, and other culinary vessels provided with bails.

Near the hook F is formed a stove-cover lifter, G, which projects in an oblique curved line from the part C.

In the loop B is formed a rectangular notch, H, at right angles to the face of the body of the implement, which serves to receive the teeth of a saw when the device is used as a saw-set.

A claw, I, adapted for pulling nails and tacks, projects from one side of the loop B, and is provided with a rounded outer surface, *e*, which serves as a pivot or fulcrum while using the tool for drawing tacks or nails.

In the straight part *f* of the loop B is formed an oblong mortise, *g*, in one end of which is

pivoted a shank, *h*, carrying the corkscrew *i*. The shank *h* is provided with square shoulders *j*, which are engaged by a flat spring, *k*, secured by one end to the side of the loop B by means of a rivet, *l*.

A curved point, *m*, projects from the face of the part C of the tool, and serves as a punch for puncturing a fruit-can previous to introducing the can-opening blade E.

When the tool is to be employed as a wrench, one or the other of the mortises *a b c* is placed upon the nut or bolt to be turned or held, and if additional leverage is required a rod, *n*, (shown in dotted lines in Figs. 1 and 4,) is inserted in a hole, *o*, in the loop B, also in a hole in the side of the part C. When it is to be used as a screw-driver, the bit D is brought into engagement with the nick of the screw-head, when the body of the casting is used as a handle.

To open a can with the blade E, the can-top is first punctured with the point *m*. The blade E is then inserted and tilted by using the body of the implement as a handle. The hook F is useful in lifting pots and kettles from the stove.

The arm G is adapted to enter into the cavities in stove-covers, when the covers may be lifted by using the body of the tool as a handle.

Saws may be set by placing the notch H on the tool and twisting the tool by means of the body A as a handle.

The methods of using the claw I and the corkscrew *i* are too obvious to require a description.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a combination tool, the rounded body A, having a loop, B, and part C, having mortises *a b c*, the part B having an aperture, *o*, to receive an operating-bar, and the part C having an aperture in alignment with the aperture *o*, substantially as set forth.

2. In a combination-tool, the rounded body A, having the loop B, the can-opener E on the periphery of the body, and the can-penetrating point *m* on the face of the body at right angles to the can-opener, substantially as set forth.

JAMES ANGUS.

Witnesses:

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