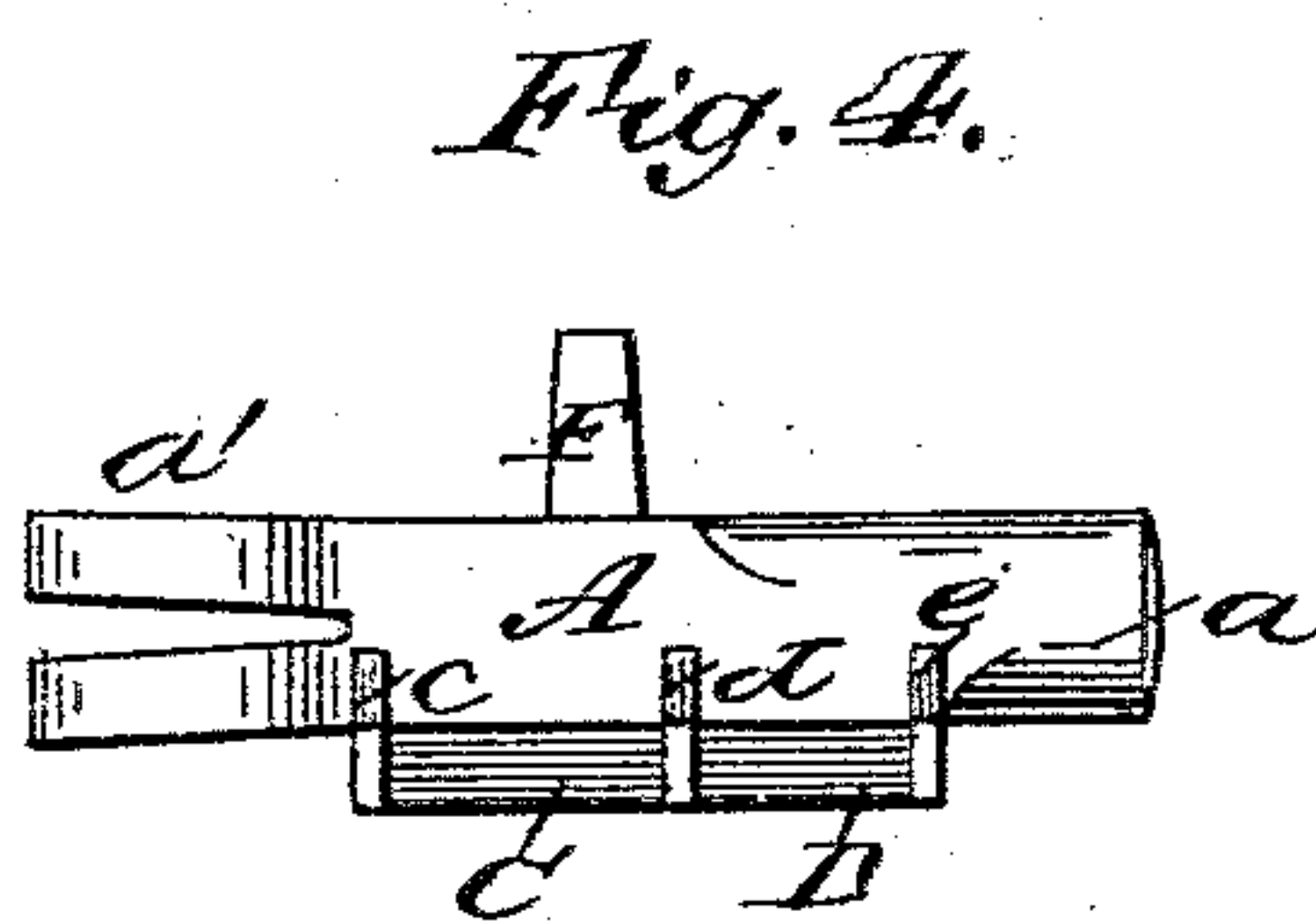
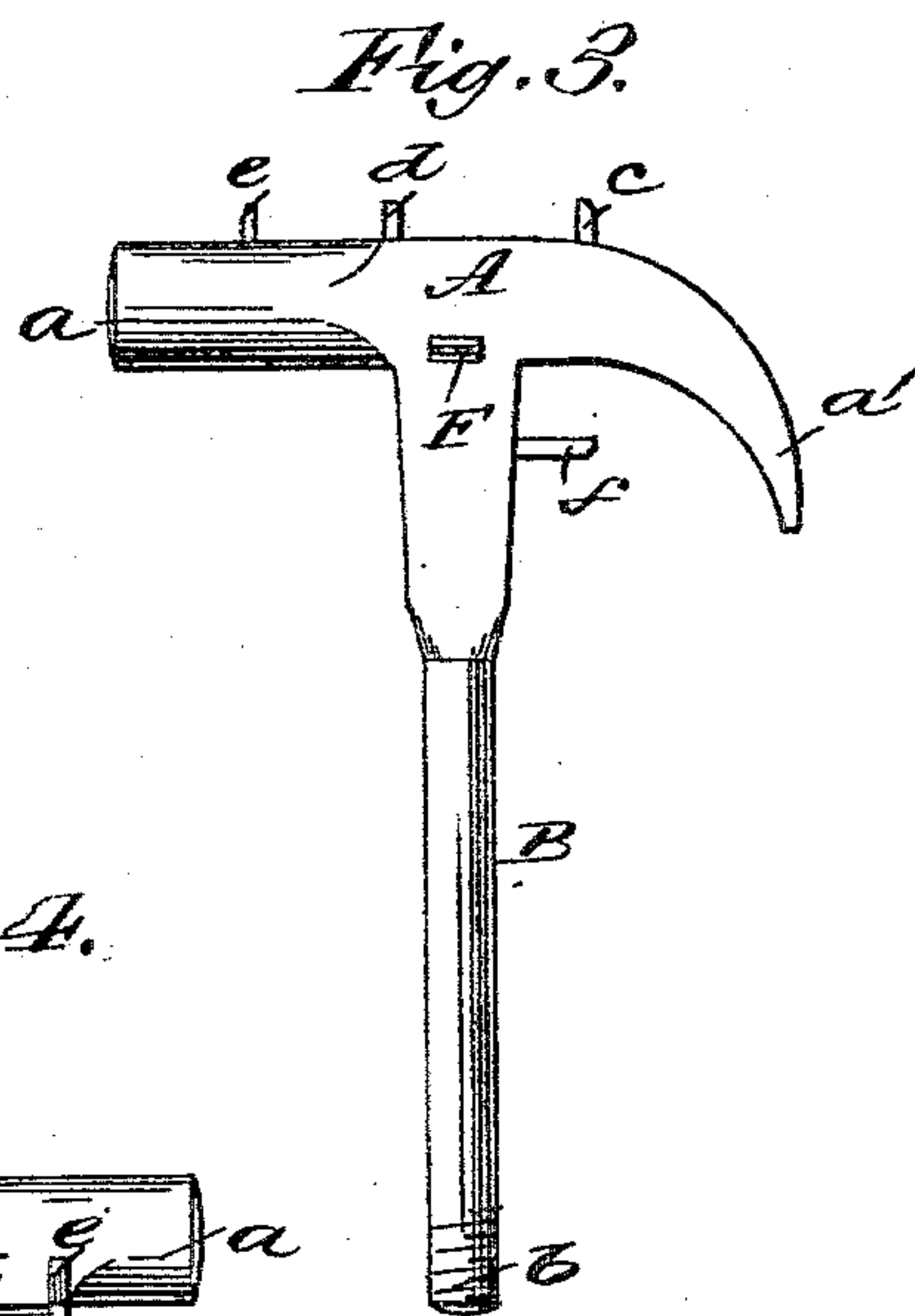
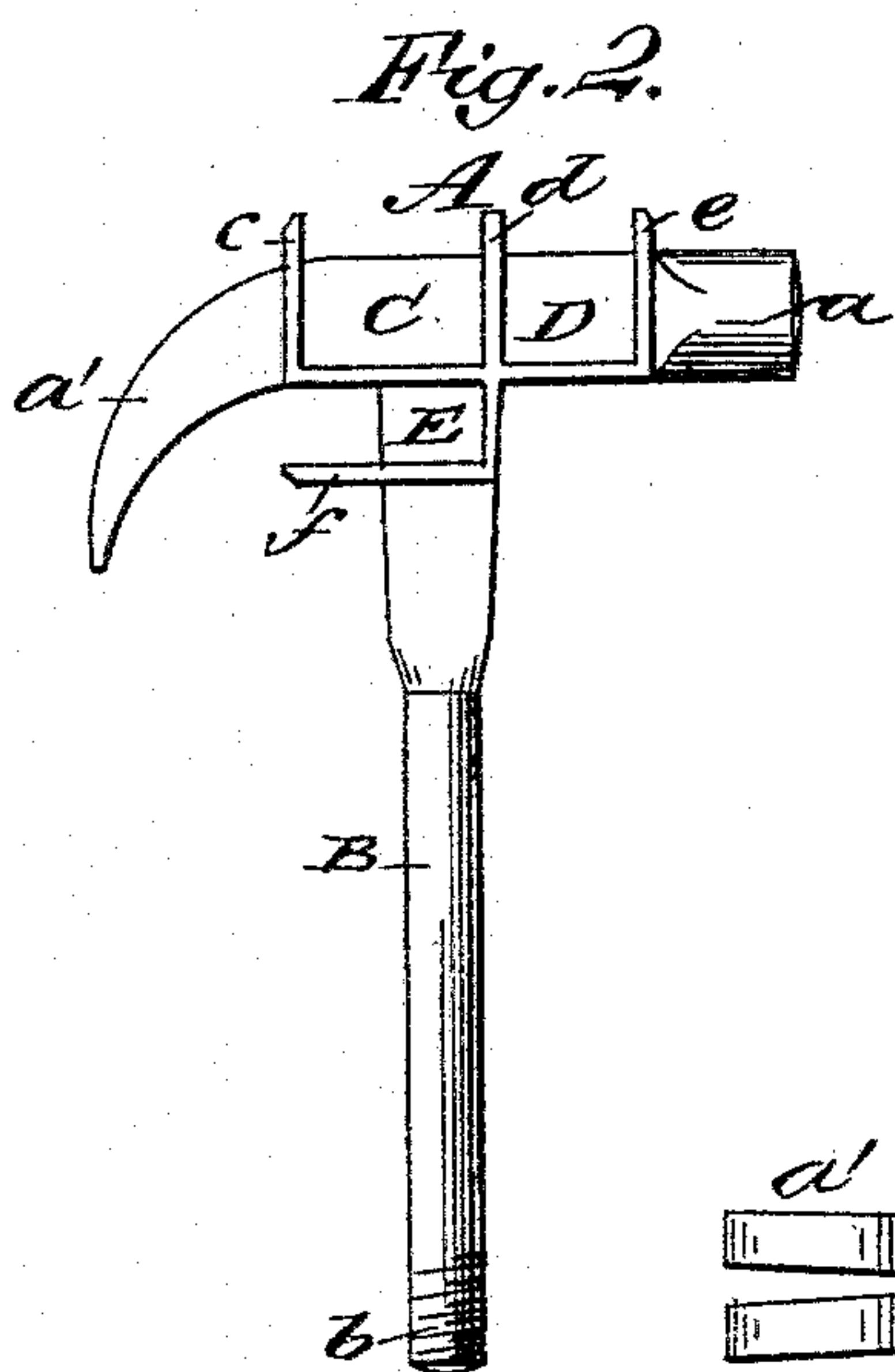
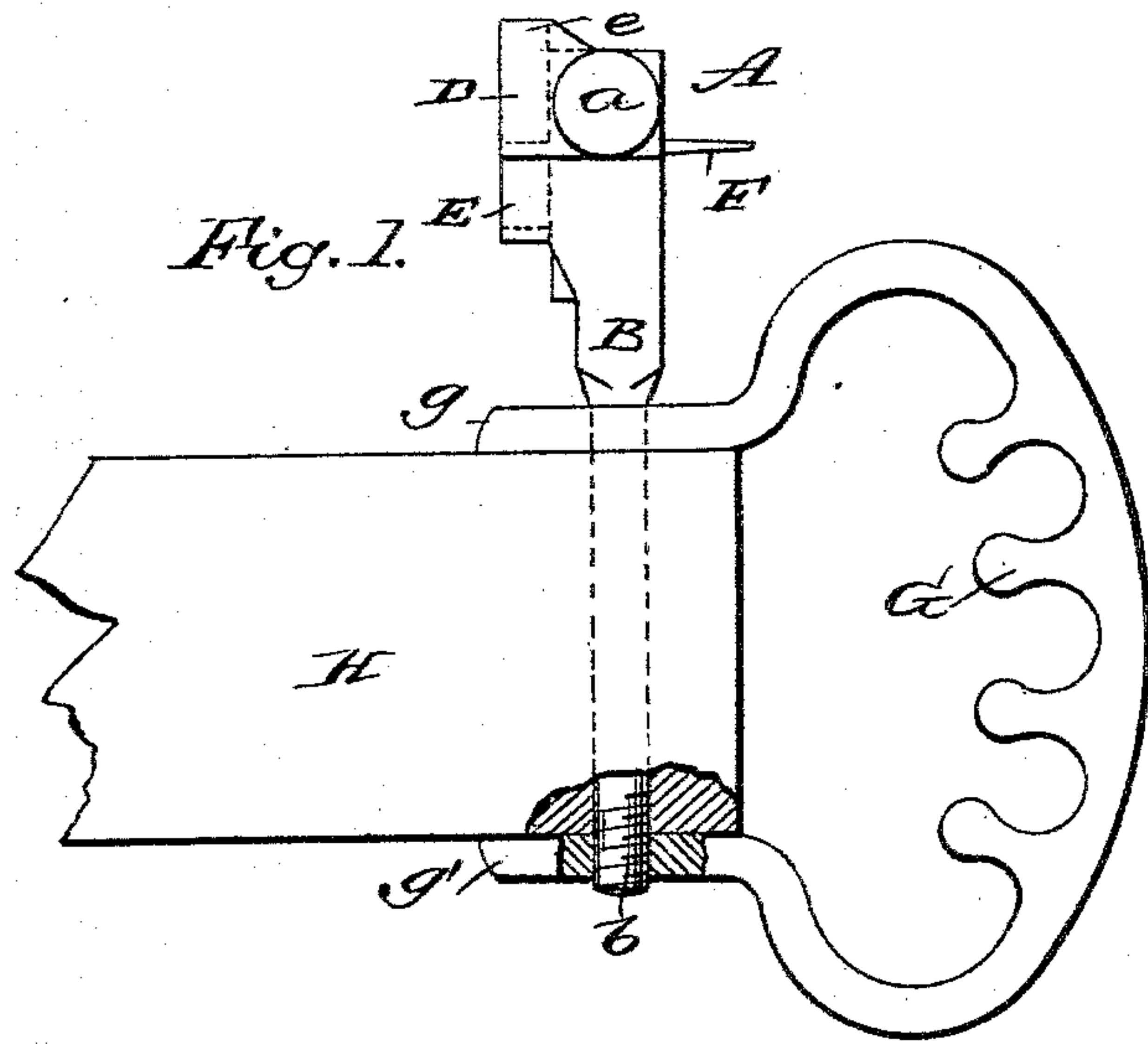


(No Model.)

J. W. OGLETREE.
COMBINATION TOOL.

No. 356,953.

Patented Feb. 1, 1887.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN WILLIAM OGLETREE, OF POWDER SPRINGS, GEORGIA.

COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 356,953, dated February 1, 1887.

Application filed July 27, 1886. Serial No. 209,222. (No model.)

To all whom it may concern:

Be it known that I, JOHN WILLIAM OGLETREE, of Powder Springs, in the county of Cobb and State of Georgia, have invented a new and Improved Combination-Tool, of which the following is a full, clear, and exact description.

My invention relates to a combination-tool, and has for its object to provide a simple, inexpensive, and durable device of this character, adapted for use as a clevis-fastening or for holding double-trees or neck-yokes to the tongues of vehicles, and capable of use also as a hammer, wrench, and screw-driver, thus allowing agricultural implements or vehicles to be kept in running order with economy of time and labor.

The invention consists in certain novel features of construction and combinations of parts of the tool, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is an edge view of the combination-tool as applied to use for connecting a clevis to the end of a plow-stock, with parts broken away and in section. Fig. 2 is an elevation of one side of the tool. Fig. 3 is a view of the reverse side of the tool, and Fig. 4 is an end view at the head of the tool.

The combination-tool is made, preferably, of cast steel or iron, and comprises a hammer-head, A, a shank, B, projecting therefrom and serving as a handle to the hammer, a series of wrench-sockets, as at C D E, cast upon one side or face of the hammer-head A and adapted to receive nuts of different sizes, and a screw-driver bit, F, projecting from the other side or face of the hammer-head.

The hammer-head A is formed, preferably, with a nail-driving face or head, *a*, at one end, and a claw, *a'*, for drawing nails at the other end, and the hammer-shank B is made round at its outer part to allow it to be passed through the top and bottom end parts, *g g'*, of a draft-clevis, G, and the end of a plow-stock, H, to hold the clevis to the stock. The extremity of the shank B is screw-threaded at *b*, to fit a threaded hole in the lower part, *g'*, of the clevis, and into which hole the shank may be screwed by taking hold of the head A of the

tool, and the shank may be as readily unscrewed from the clevis when the tool is needed for driving or drawing nails by the head A or tightening or loosening bolt-nuts on the plow or elsewhere by applying one of the wrench-sockets, C, D, or E, to the nuts, or driving or removing screws by means of the bit F.

The sides of the wrench-sockets are made to project beyond the outer face of the hammer-head, as shown at *c d e*, and at the side of the shank B, as at *f*, thereby giving a good hold on the bolt-nuts operated upon while the end of the bolt lies against the hammer head or shank.

As seen best in Fig. 1, the shank B extends from the hammer-head A, at the side next the screw-driver bit F, so that ample room is left for the fingers to pass around the handle at the side nearest the wrench-sockets, to avoid injury to the hand of the operator by contact with the face of work or parts of agricultural or other machinery or vehicles in which the bolts are placed.

It is evident that this combination-tool, while capable of good service in holding the clevis to a plow or other implement and being thereby held conveniently at hand for instant use when required, is also adapted for use in holding double-trees or neck-yokes to the tongues of vehicles, and for this latter use the screw-threads on the shank B may be dispensed with and the shank will be made somewhat longer.

The hammer-head A may be made in any preferred form and with or without a claw and but one or two wrench-sockets, or more than three sockets may be provided on the hammer-head, as will readily be understood.

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

A combination-tool comprising a hammer-head, A, provided with a driving-face, *a*, and a claw, *a'*, a shank, B, fixed to the head and provided with a screw-thread, *b*, at its extremity, one or more wrench-sockets formed at one face of the tool, and a screw-driver bit, F, projecting from the opposite face of the tool, substantially as shown and described.

JOHN WILLIAM OGLETREE.

Witnesses:

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