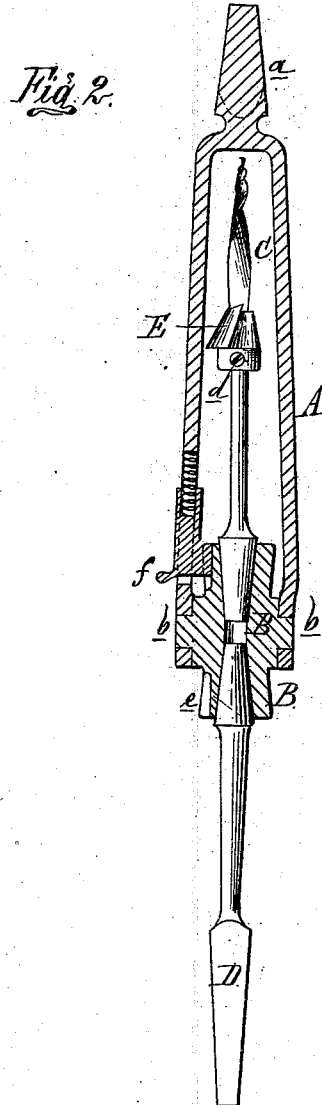
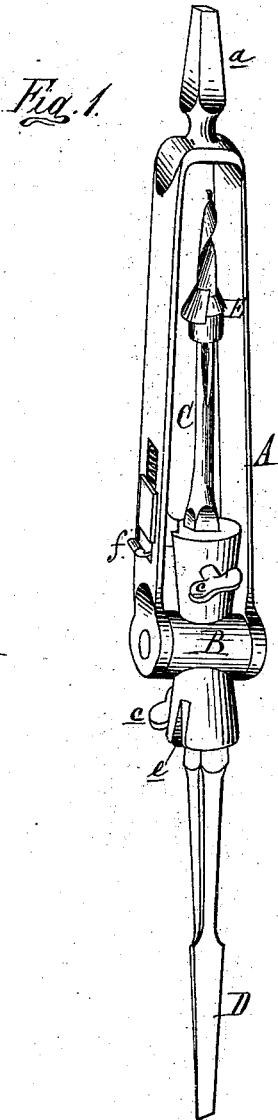


G. COLLINS.
TOOL-HOLDER.

No. 187,600.

Patented Feb. 20, 1877.



Attest.
Edward Barthel.
Chas. J. Hunt

Inventor:
Geo. Collins
By Atty.
Wm. S. Sprague

UNITED STATES PATENT OFFICE.

GEORGE COLLINS, OF FORT WAYNE, MICHIGAN.

IMPROVEMENT IN TOOL-HOLDERS.

Specification forming part of Letters Patent No. **187,600**, dated February 20, 1877; application filed August 31, 1876.

To all whom it may concern:

Be it known that I, GEORGE COLLINS, of Fort Wayne, in the county of Wayne and State of Michigan, have invented an Improvement in Tool-Holders, of which the following is a specification:

The nature of my invention relates to a combined tool for joiners and cabinet-makers, having for its object to facilitate the boring and countersinking of screw-holes, and the insertion of screws in wood-work.

The invention consists in the construction, arrangement, and combination of the parts composing my combined tool-holder, as fully hereinafter explained.

Figure 1 is a perspective view. Fig. 2 is a longitudinal section.

In the drawing, A represents a metal fork having a square shank, adapted to fit the socket of a bit-brace. B is a reversible double socket, pivoted by trunnions *b b* in the jaws of the fork. One socket is intended to receive the shank of a bit, C, and the other the shank of a screw-driver, D, respectively secured therein by set-screws *c*. A combined gage and counter-sink, E, is sleeved on the bit and secured in position by a set-screw, *d*. In each

end of the socket B a longitudinal slot, *e*, is cut, in which a sliding latch-bolt, *f*, enters to lock the socket, so that the tools will have the same axis.

The tool is inserted in the socket of a brace, and with the bit the screw-hole is bored in the wood, the countersink serving both as a depth-gage and to counter-bore it to receive the head of the wood-screw, which, after the socket B has been reversed, may be turned home by the driver.

I am aware of the patent granted to J. F. Murch, March 4, 1873, and hereby disclaim the same.

What I claim as my invention is—

The combined tool-holder described, consisting of the metal fork A, having square shank *a*, the reversible double socket B, pivoted by trunnions *b* between the ends of the said fork, the slots *e* in the ends of the socket, and the sliding spring-latch *f*, all constructed, arranged, and combined substantially as described and shown.

GEORGE COLLINS.

Witnesses:

H. F. EBERTS,
CHAS. J. HUNT.