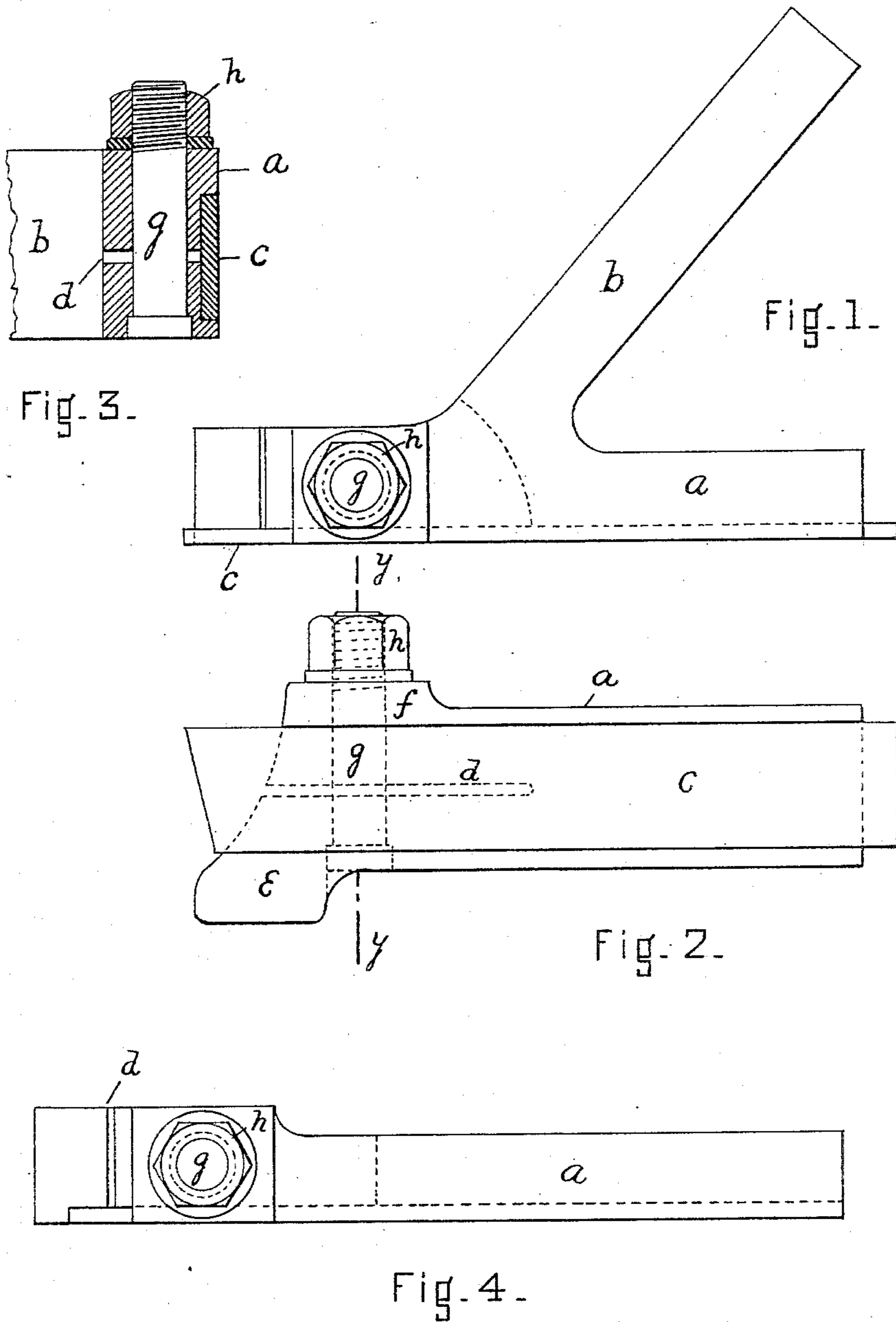


(No Model.)

A. A. WOOD.
CUTTING OFF TOOL.

No. 323,480.

Patented Aug. 4, 1885.



WITNESSES.

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ARTHUR A. WOOD, OF HYDE PARK, MASSACHUSETTS.

CUTTING-OFF TOOL.

SPECIFICATION forming part of Letters Patent No. 323,480, dated August 4, 1885.

Application filed July 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR A. WOOD, a citizen of the United States, residing at Hyde Park, in the county of Norfolk and State of Massachusetts, have invented a new and useful Improvement in Cutting-Off Tools, of which the following, taken in connection with the accompanying drawings, is a specification.

On the drawings, Figure 1 is a plan view of one form of my invention; Fig. 2, a side view of the same; Fig. 3, a vertical section on the line *yy*, Fig. 2. Fig. 4 is a plan view of a modified form of my invention, as hereinafter described.

Similar letters refer to similar parts throughout the several views.

a is the body of the tool, having an offset, *b*, as shown in Fig. 1, or made straight, as in Fig. 4. A score is cut in one side to receive the blade *c*. The body *a* is re-enforced at *e* and *f*, Fig. 2, to give additional strength. A slot, *d*, is cut in the body *a* in order to allow it to be sprung sufficiently to clamp the blade *c* firmly in any desired position. This method of clamping gives a firm support to the tool close to the work operated upon.

As will be seen, my invention comprises two forms of the body *a*. The object of the offset *b* is to allow of a ready means of setting the tool at the edge of the tool-block of a lathe, and at the same time allow the tool to be

brought close to the face of a chuck or other contrivance holding the work to be operated upon. The tool is clamped in the tool-post by the part *b*, and all obstructions are thus obviated. This result is gained in part also in the straight form of the tool shown in Fig. 4, for by my method of clamping the blade *c* the side of the body *a* is flush with the blade *c*, thus allowing work to be cut off close to a collar or other obstruction.

Having thus fully set forth and described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A cutting-off tool having a body, *a*, and offset *b*, as and for the purpose herein set forth.

2. In a cutting-off tool, the combination of body *a*, made in one piece and having a score cut in one side to receive a cutting-blade, and also having a slot, *d*, cut in one end, with a binding-screw, *g*, and nut *h*, the whole adapted to secure the cutting-blade *c* firmly close to the end of the body.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 24th day of July, A. D. 1884.

ARTHUR A. WOOD.

Witnesses:

GEORGE G. TOPHAM,
HENRY S. BUNTON.