

J. M. Stamp,

Belt Tool.

No. 100686.

Patented Mar. 8. 1870.

Fig. 1.

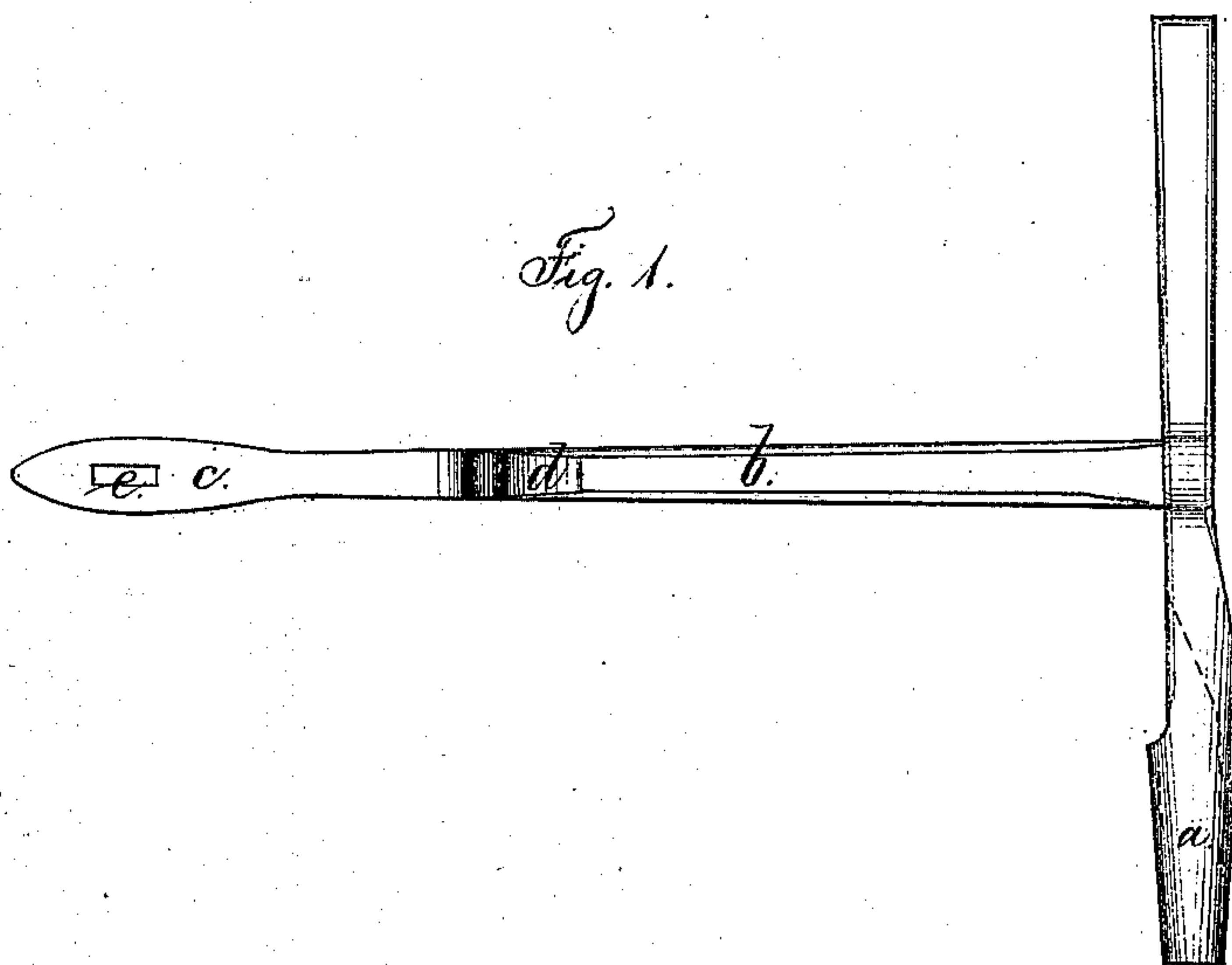
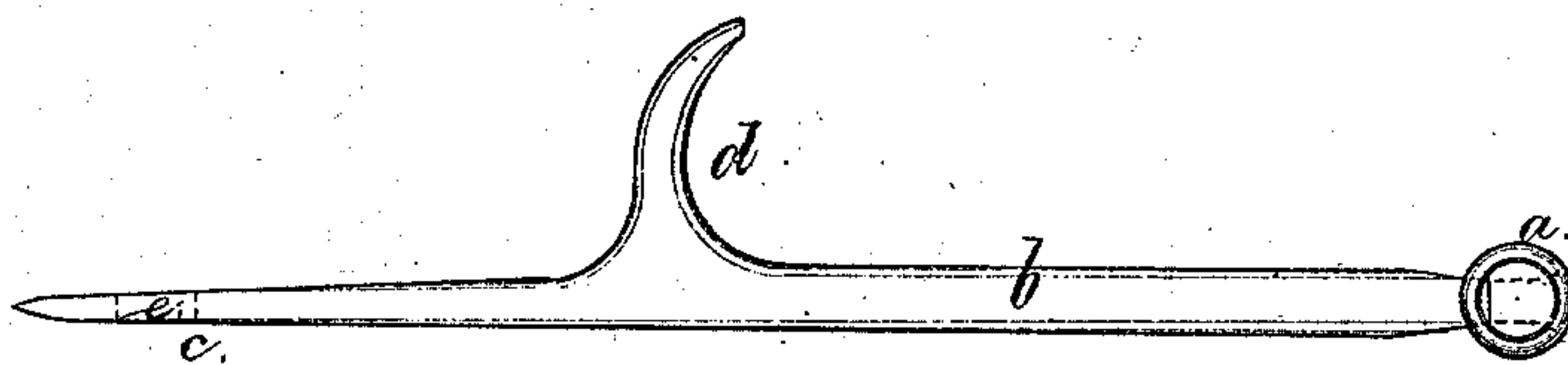


Fig. 2.



Witnesses,

Chas. Smith
Geo. A. Walker

J. M. Stamp

for Lemuel W. Perrell atty.

UNITED STATES PATENT OFFICE.

JOHN MITCHELL STAMP, OF GRASS VALLEY, CALIFORNIA, ASSIGNOR TO
HIMSELF AND PETER JOHNSTON, OF SAME PLACE.

IMPROVED TOOL FOR LACING BELTS.

Specification forming part of Letters Patent No. **100,686**, dated March 8, 1870.

To all whom it may concern:

Be it known that I, J. M. STAMP, of Grass Valley, Nevada county, in the State of California, have invented and made a new and useful Improvement in Tools for Lacing Belts; and the following is declared to be a correct description of the same.

In lacing leather, rubber, and other belts for machinery a punch and awl are required—the first to make the holes, the latter to draw in the lacing. These two implements have heretofore usually been made separate.

My invention consists in uniting in one instrument a punch, an awl, and a belt-hook in such a manner that the awl and hook form a handle for holding the punch in position while being struck with the hammer, and the punch forms a T-head to the awl and hook for drawing the lace through the hole in the belt, or tightening up the lacing or sewing in the ends of the lace, instead of tying those ends in a knot, as heretofore frequently practiced.

In the drawings, *a* is the punch, of the required size for the hole to be made in the belt. From the shank portion of the punch *a* the body *b* of the awl *c* extends, and upon one side

of the said body *b* is a hook, *d*. The awl *c* is adapted to receive the tapering end of the lace, the same being inserted through the eye *e* after the awl has been thrust through the hole in the belt, the T-head formed by the punch *a* forming a handle, by means of which the awl can be withdrawn and the lace pulled through the hole in the belt. The hook *d* is employed to draw up the lacing tightly, and the T-head also forms a handle to the same, so that the operator can easily apply considerable force to draw up the lacing.

Figure 1 shows the side of the said instrument or tool, and Fig. 2 is a view endwise of the punch.

I claim as my invention—

The punch united with the awl and belt-hook in one instrument, in the manner and for the purposes set forth.

Dated this 23d day of November, A. D. 1869.

J. M. STAMP.

Witnesses:

J. F. NESMITH,
WM. J. JOHNSTON.