

D. R. Wight.
Awl - Handle.

Nº 76020

Patented Mar. 24, 1868.

Fig: 1.

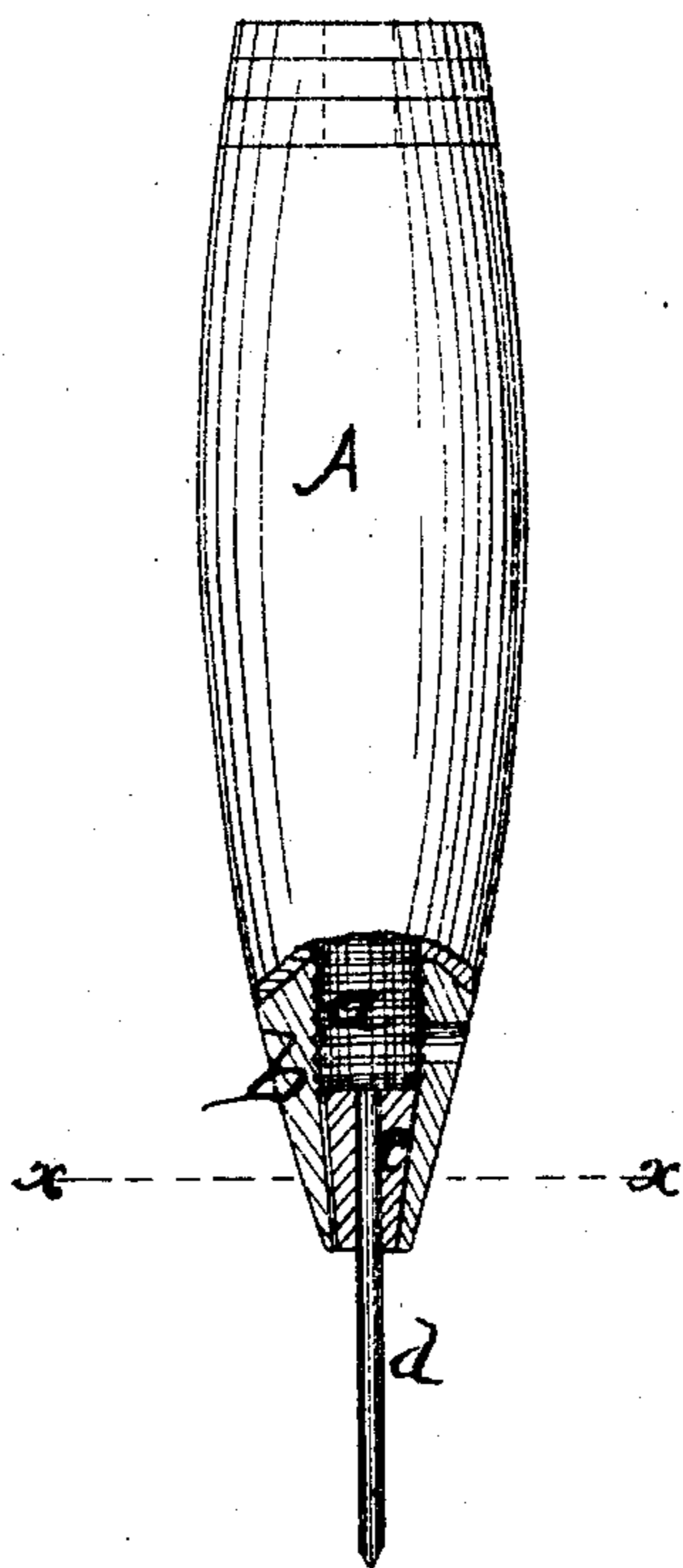
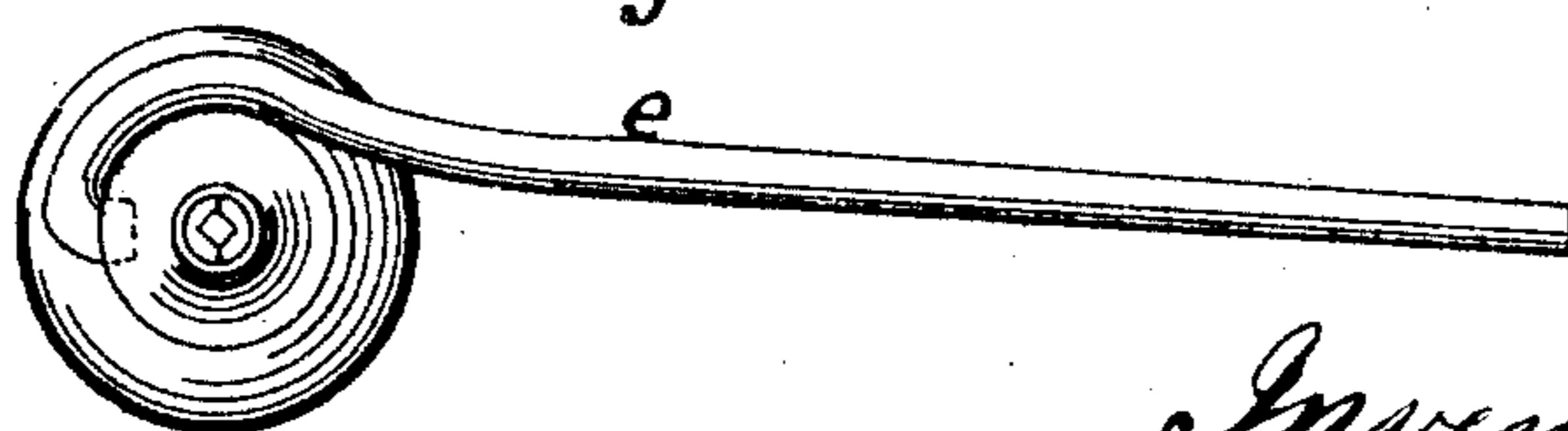


Fig: 2.



Fig: 3.



Witnesses

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D. R. WIGHT, OF STURBRIDGE, MASSACHUSETTS.

Letters Patent No. 76,020, dated March 24, 1868.

IMPROVEMENT IN AWL-HANDLES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, D. R. WIGHT, of Sturbridge, in the county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in Handles for Awls, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved awl-handle, partly in section.

Figure 2 is a cross-section, taken in the line *x x*, fig. 3.

Figure 3 is an end view, showing the application of the fastening and unfastening wrench.

Similar letters of reference indicate corresponding parts.

This invention relates to a new and useful improvement in the construction of handles for awls, and other similar tools secured by a tang; and it consists in a screw fastened in the end of the handle, and a conical nut enclosing a split cone, which grips the tang when pressed down into the smaller end of the conical nut, by means of the screw in the handle, operated on by a hook-wrench, as hereinafter more particularly described.

A represents the handle of an awl constructed in the ordinary manner, in the lower end of which is fixed a solid blunt screw, *a*, which has a conical nut, *b*, fitted on it, to lie close at the upper side against the handle when screwed on tight. In the smaller end of the conical nut *b* is a split cone, *c*, which is bored in the centre, to receive the tang of the awl *d*, or any similar tool, as shown in the drawing.

The split cone or conical wedge *c* is dropped into the nut *b*, and the tang is inserted in it, when, to fasten it firmly, the nut is screwed on the screw *a*, and drawn tight by a hook-wrench, *e*, fig. 3. The end of the screw *a* bears on the larger end of the split cone or conical wedge *c*, and forces it down into the bottom of the conical nut *b*, and thus grips securely and holds fast the tang of the awl or other tool.

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

The conical nut *b*, in combination with the flat-ended screw *a* and split cone *c*, when constructed and arranged so that the split cone shall be made to close upon the awl by the action of the conical nut alone when screwed up, as herein shown and described.

D. R. WIGHT.

Witnesses:

EDWARD NICHOLS,
NOAH D. LADD.