

G. A. OSGOOD.
 Heater for Shoemaker's Tool for Finishing Soles.
 No. 201,121. Patented March 12, 1878.

Fig. 1.

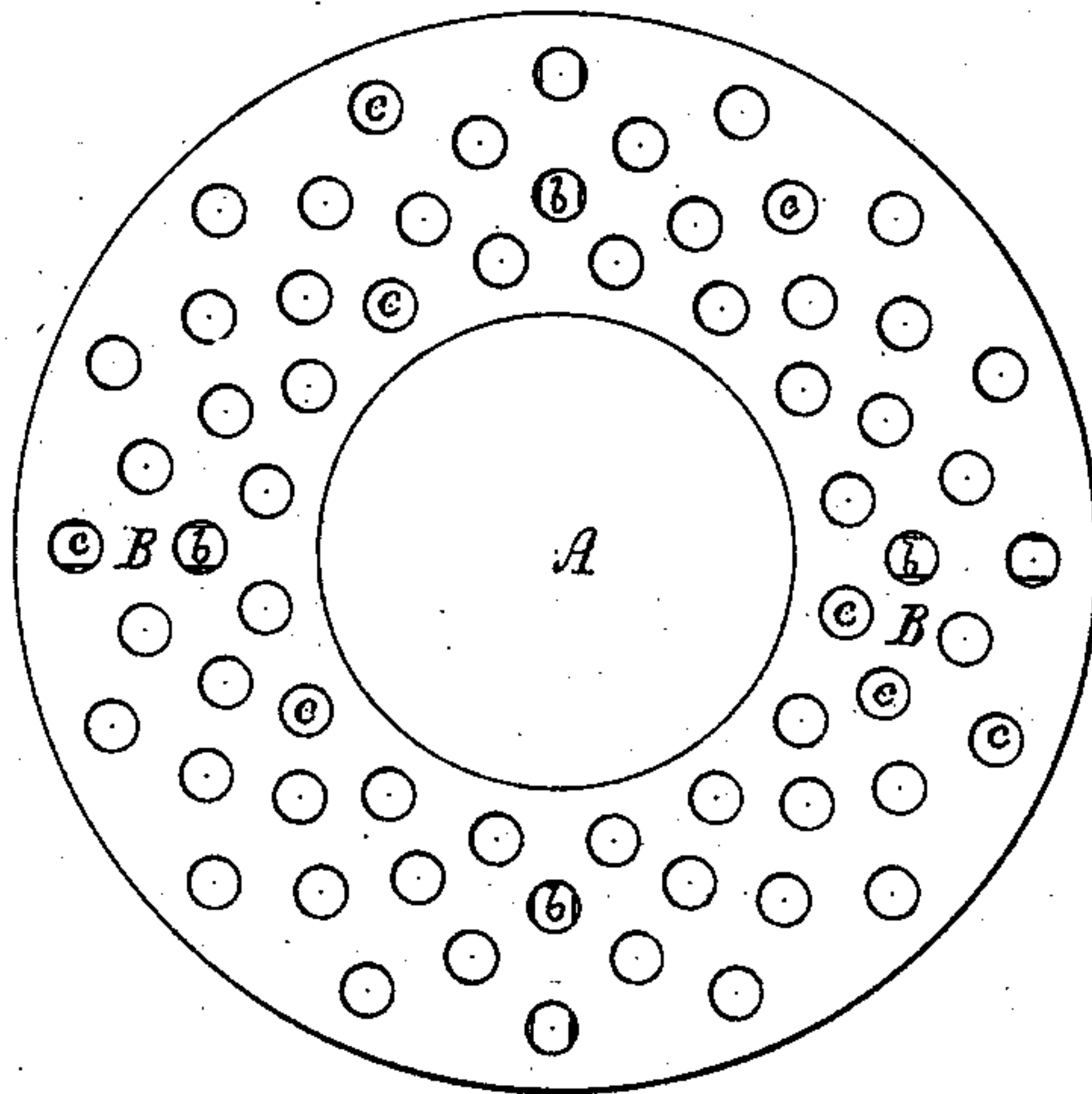


Fig. 2.

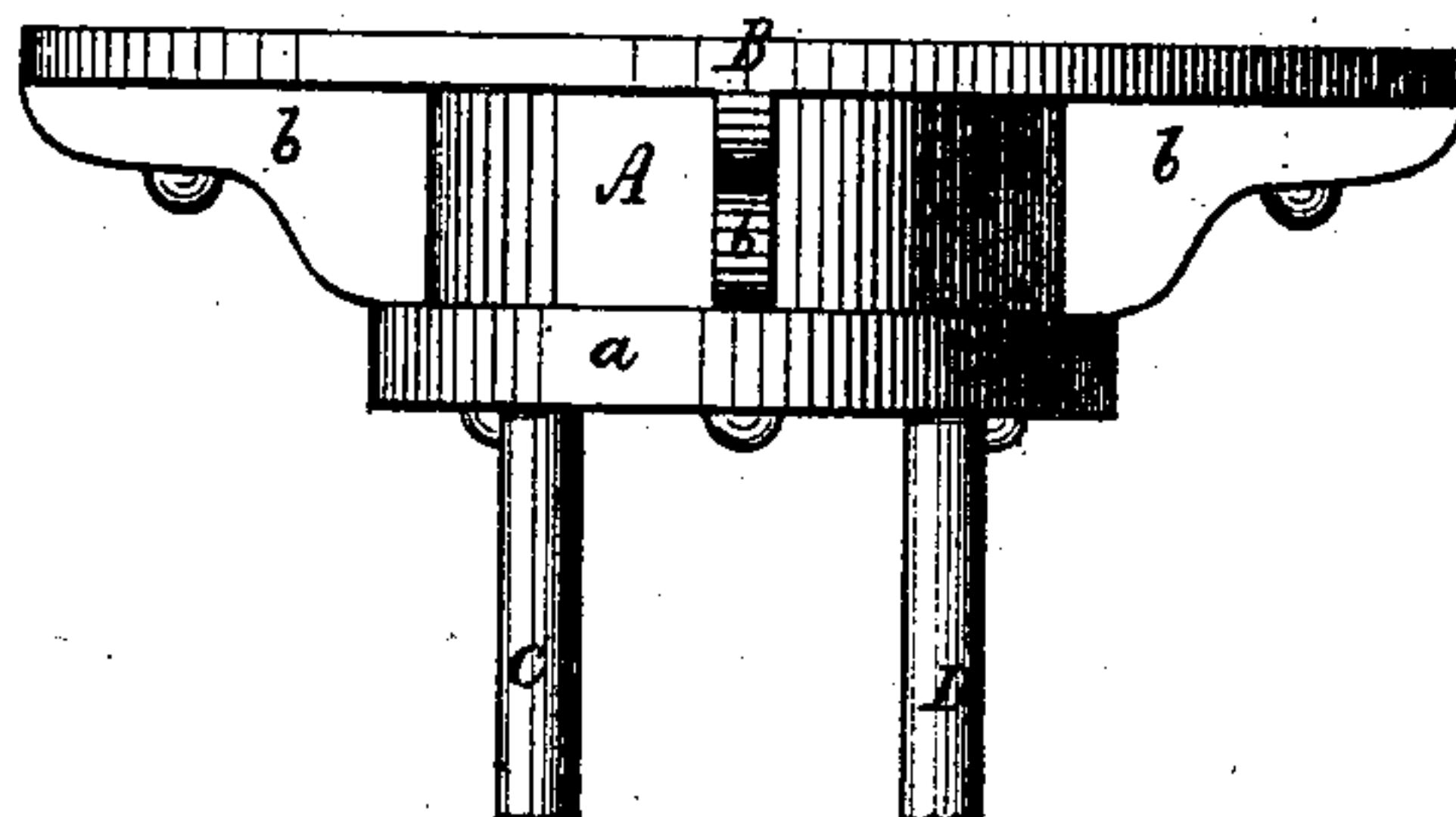
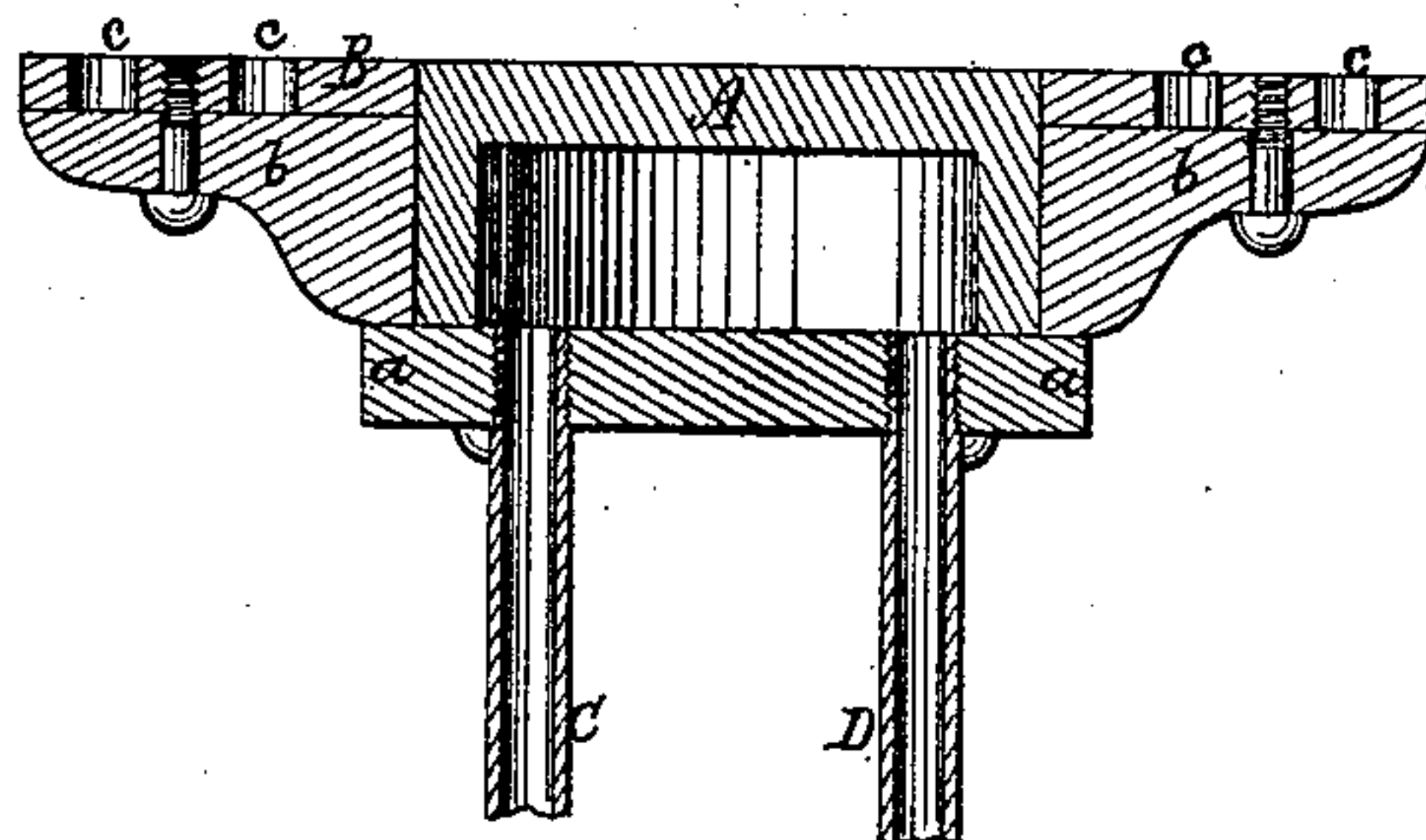


Fig. 3.



Witnesses.
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GEORGE A. OSGOOD, OF STONEHAM, MASSACHUSETTS.

IMPROVEMENT IN HEATERS FOR SHOE-MAKERS' TOOLS FOR FINISHING SOLES.

Specification forming part of Letters Patent No. **201,121**, dated March 12, 1878; application filed February 15, 1878.

To all whom it may concern:

Be it known that I, GEORGE ALBERT OSGOOD, of Stoneham, of the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Heaters for Shoe-Makers' Tools for Finishing Soles; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a front elevation, and Fig. 3 a transverse section, of one of my improved tool-heaters.

My invention consists in a heating-cylinder, its steam-pipes, and a perforated table, constructed and arranged substantially as hereinafter explained.

In such drawings, A denotes a hollow cylinder, closed both at top and bottom, and provided with a flange, *a*, projecting from it, as shown. Two pipes, C D, open out of the interior of the cylinder, one being for the introduction of steam into the cylinder to heat it, and the other for its discharge from the cylinder, waste-steam from a steam-engine being what I usually employ and thus utilize.

With the cylinder a flat annulus or circular table, B, is used, it encompassing the cylinder and being even with its top, and provided with a series of brackets or projections, *b b b*. These brackets extend downward from the table and rest on the shoulder or flange *a*. The table is perforated with numerous holes, as

shown at *c c c*, they being to allow air to circulate through it, in order to prevent it from attaining too great a temperature, as it is intended to support the handles of the tools to be heated, while their heads may rest on the upper end of the cylinder A. They also may be used for holding or supporting part of a set of tools, whose shanks may be inserted in some of such holes, one or more others of the set being placed on the heater.

By having the table to revolve relatively to the heater or cylinder, such tools as may be wanted from time to time can be brought around to the user.

For sustaining and heating the tools used in sole and heel finishing, the above-described heater or cylinder and its perforated table will be found very serviceable.

I claim—

1. The sole-finishing-tool heater, substantially as described, consisting of the heating-cylinder, its pipes C D, and the perforated table B, arranged as set forth.

2. The heating-cylinder A, provided with the flange *a* and the induct C and educt D, in combination with the rotary perforated table B and its supporting-brackets *b*, arranged with such cylinder and flange, as set forth.

GEORGE ALBERT OSGOOD.

Witnesses:

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