

L. VAN ORDER.
Mica Lamp Chimney.

No. 34,917.

Patented April 8, 1862.

FIG. 1.

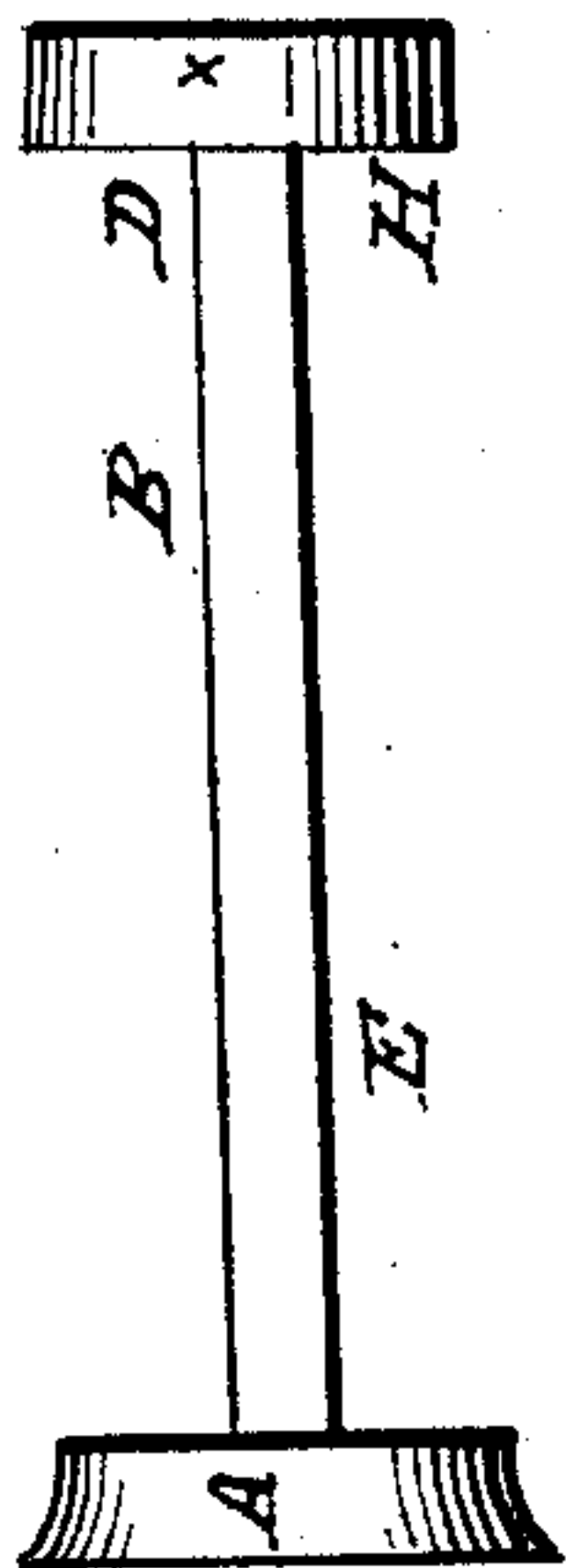
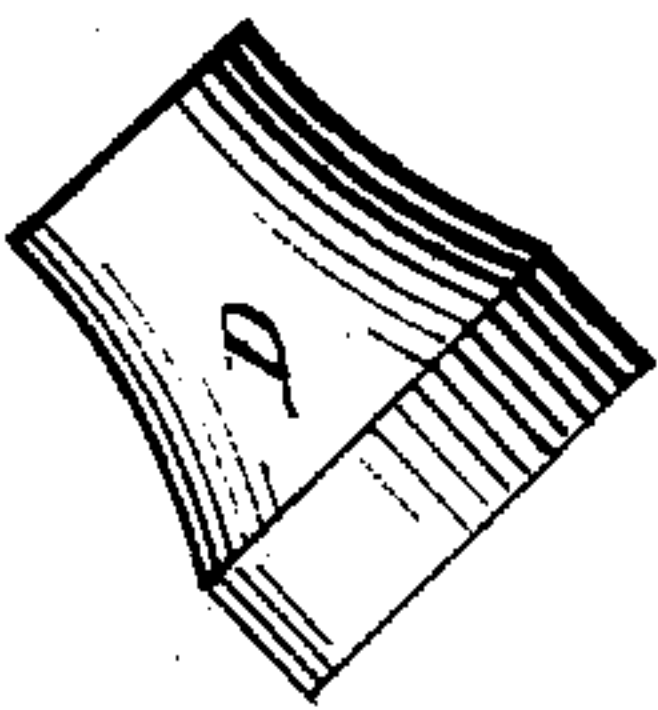
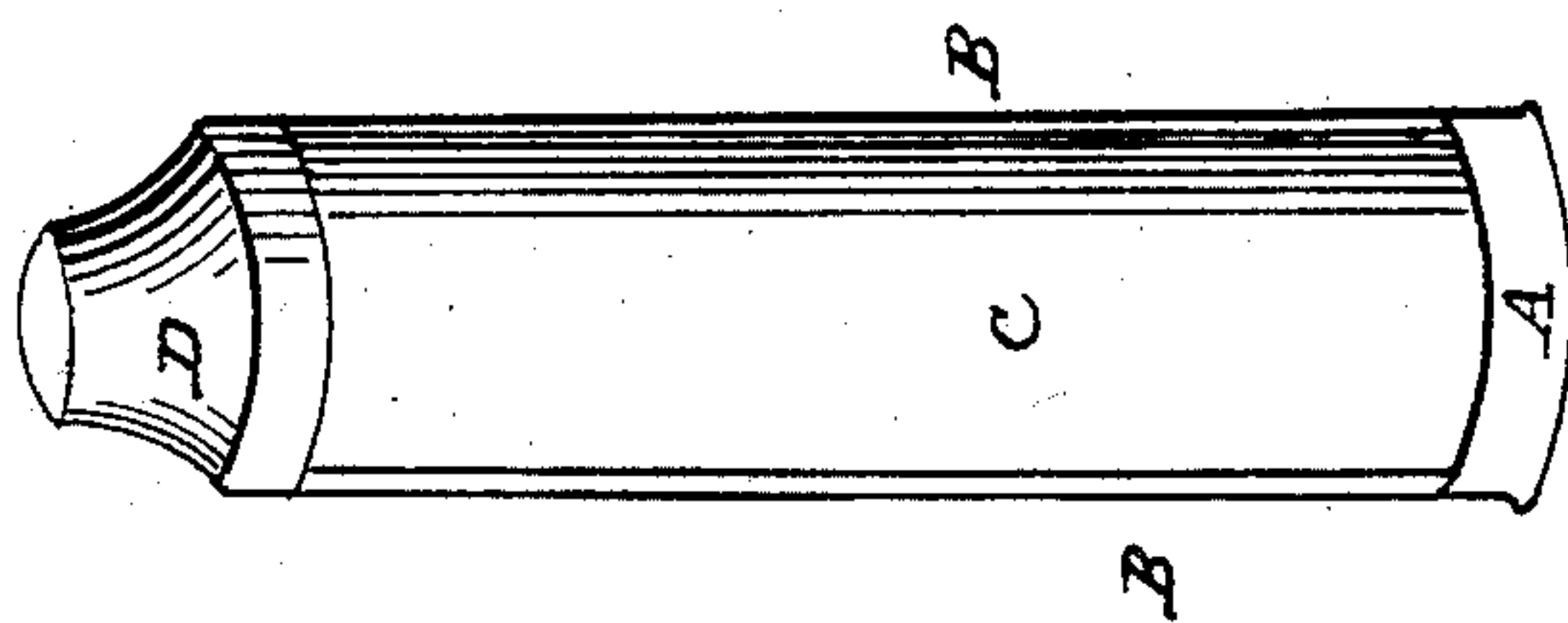
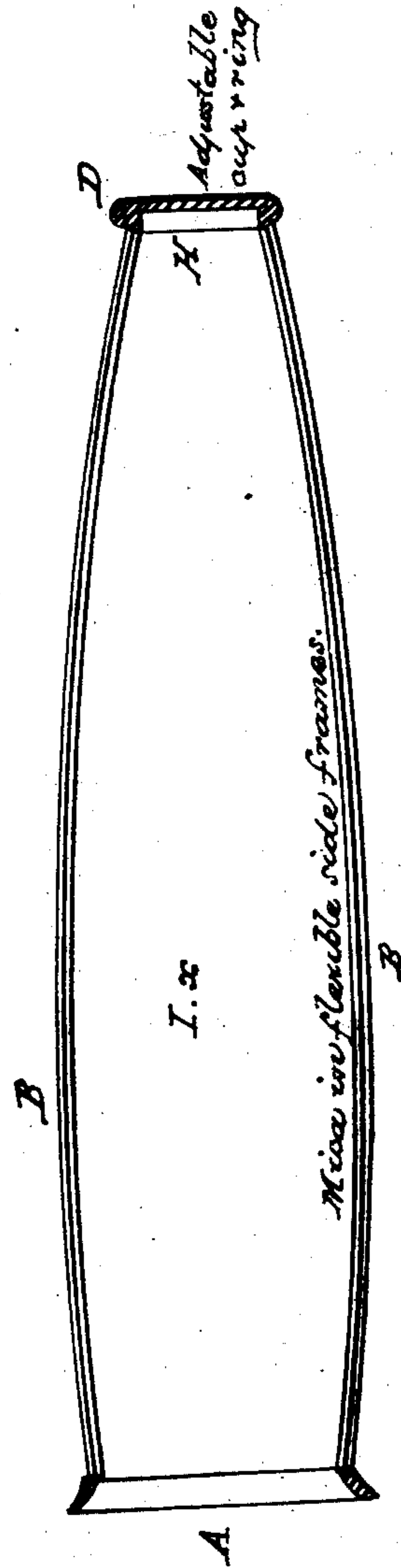
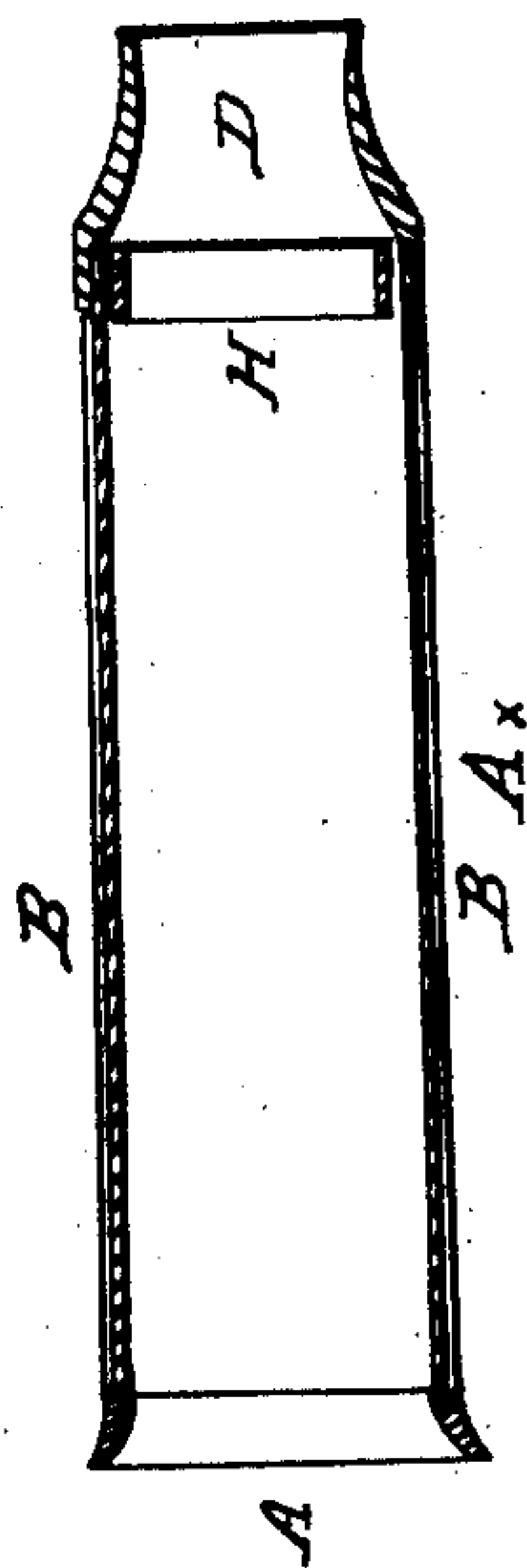


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LINN VAN ORDER, OF ITHACA, NEW YORK.

IMPROVEMENT IN MICA LAMP-CHIMNEYS.

Specification forming part of Letters Patent No. 34,917, dated April 8, 1862.

To all whom it may concern:

Be it known that I, LINN VAN ORDER, of the town of Ithaca, in the county of Tompkins and State of New York, have invented an Improvement in Mica Lamp-Chimneys for Burning Hydrocarbon Oils Distilled from Petroleum and Coal; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a perspective view of my improved chimney, and Fig. 2 is a part thereof.

In Fig. 1 A is the metallic base of the chimney grooved on its upper edge for holding, as part of the frame, the edge of the mica. BB are the two side parts of the metallic frame, also grooved to allow the mica to be slid in and out, and be firmly held, and of which one, two, or more may be used, as desired. C is the mica held in the grooves on all sides. D is the metallic cap of the chimney, made of any desirable length and shape, but fitting over another internal metallic ring at its base, and between it and the said ring holding the mica at its upper portion. By closeness of coadaptation or other suitable mechanical means the cap D is retained in its place, while it allows of instant removal at pleasure, for the purpose of allowing the mica to be removed from the grooved frame-work in order to be cleaned or the renewal of the mica when soiled, blackened, or cracked or broken.

In Fig. 2 the parts just described are more clearly seen. At A α is a sectional view, showing the cap, mica, and upper ring in their mutual relations. At E is a side view of the side frame, grooved on each edge at B and B, with the chimney-base A and the top inner ring H attached immovably to the side parts of the frame E, and a little removed is the cap D.

The practical arrangement of the parts described admits of much variation, but the main design of my invention is clear to all skilled in the art to which it appertains, and is so to construct my chimney that the mica can be slid in and out at pleasure without any alteration of the fixed parts of the chimney, for the purpose of cleaning the mica, repairing the same, or renewing the sheet of mica when worn out, smoked, or rendered useless by cracks or other accidents. At I α is the more permanent practical form with flexible side parts of the frame.

I claim—

The so constructing the frame-work of the chimney as to inclose the edges of the mica on all sides, and making one end adjustable, so as to allow the ready and easy removal of the mica, for the purpose of cleaning the same or renewing it when worn out, soiled, or otherwise injured.

LINN VAN ORDER.

Witnesses:

JOHN V. WILSON,
SAMUEL J. PARKER.