

(No Model.)

M. J. ROBINSON, Dec'd.

M. E. ROBINSON, Administratrix.

DEVICE FOR FITTING STOVE PIPES.

No. 278,599.

Patented May 29, 1883.

Fig. 1.

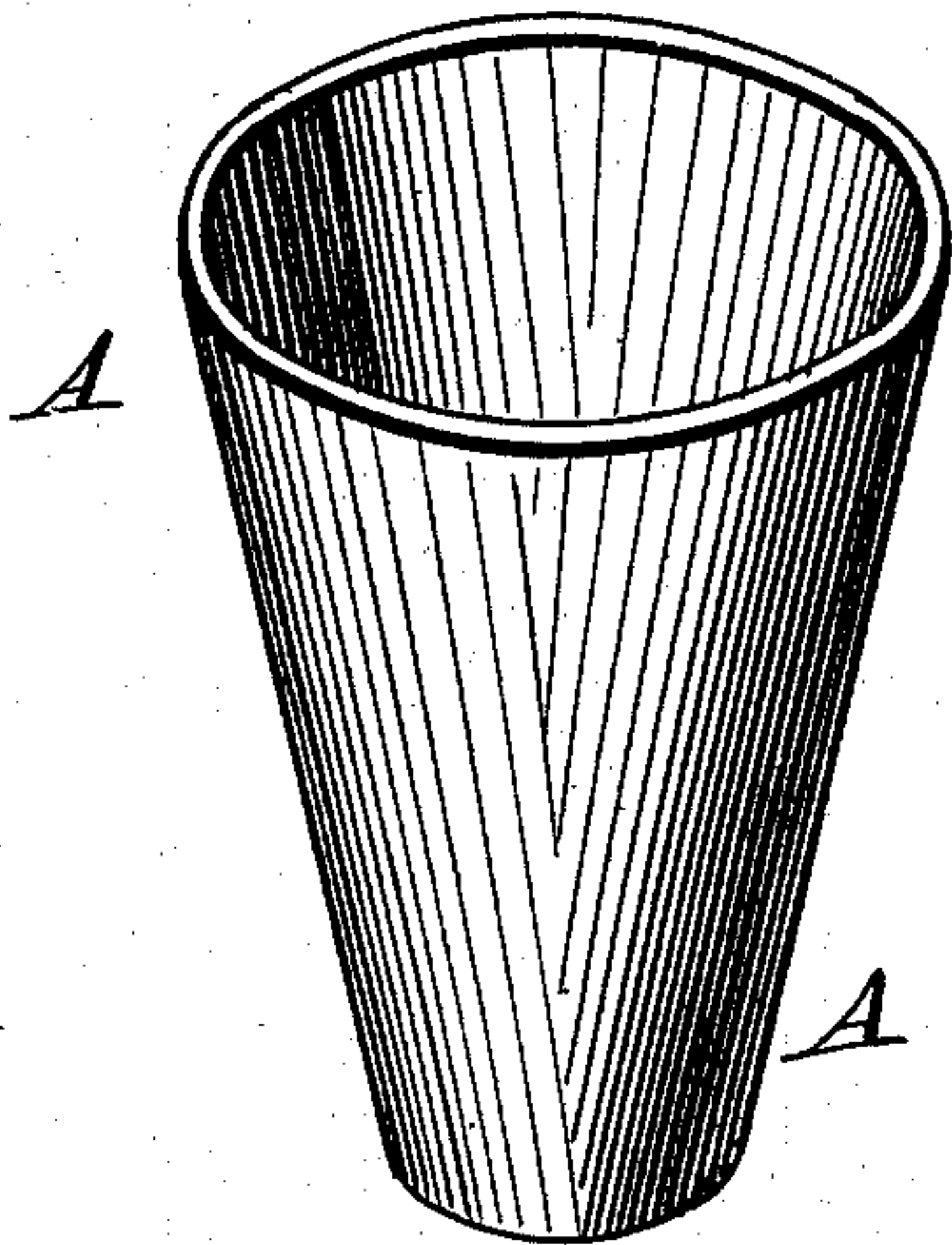


Fig. 2.

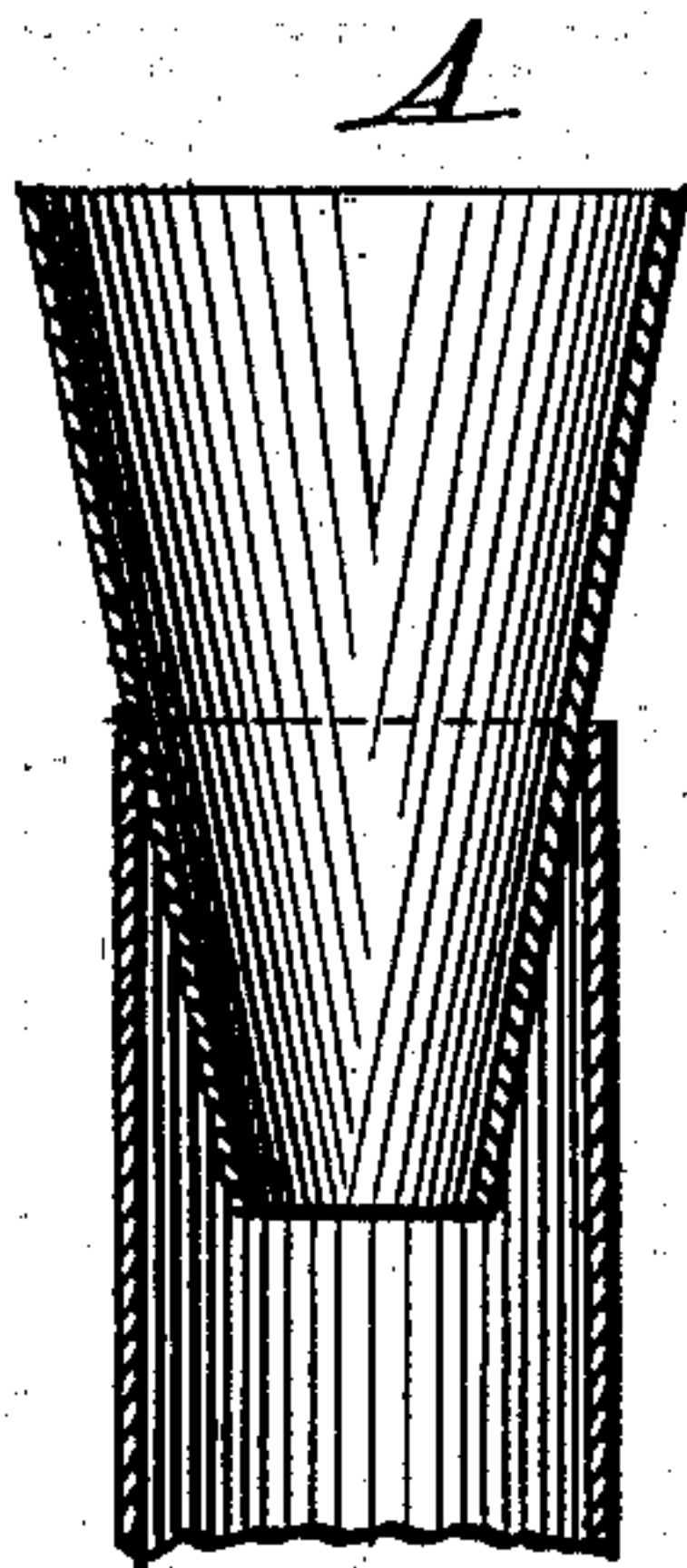


Fig. 3.

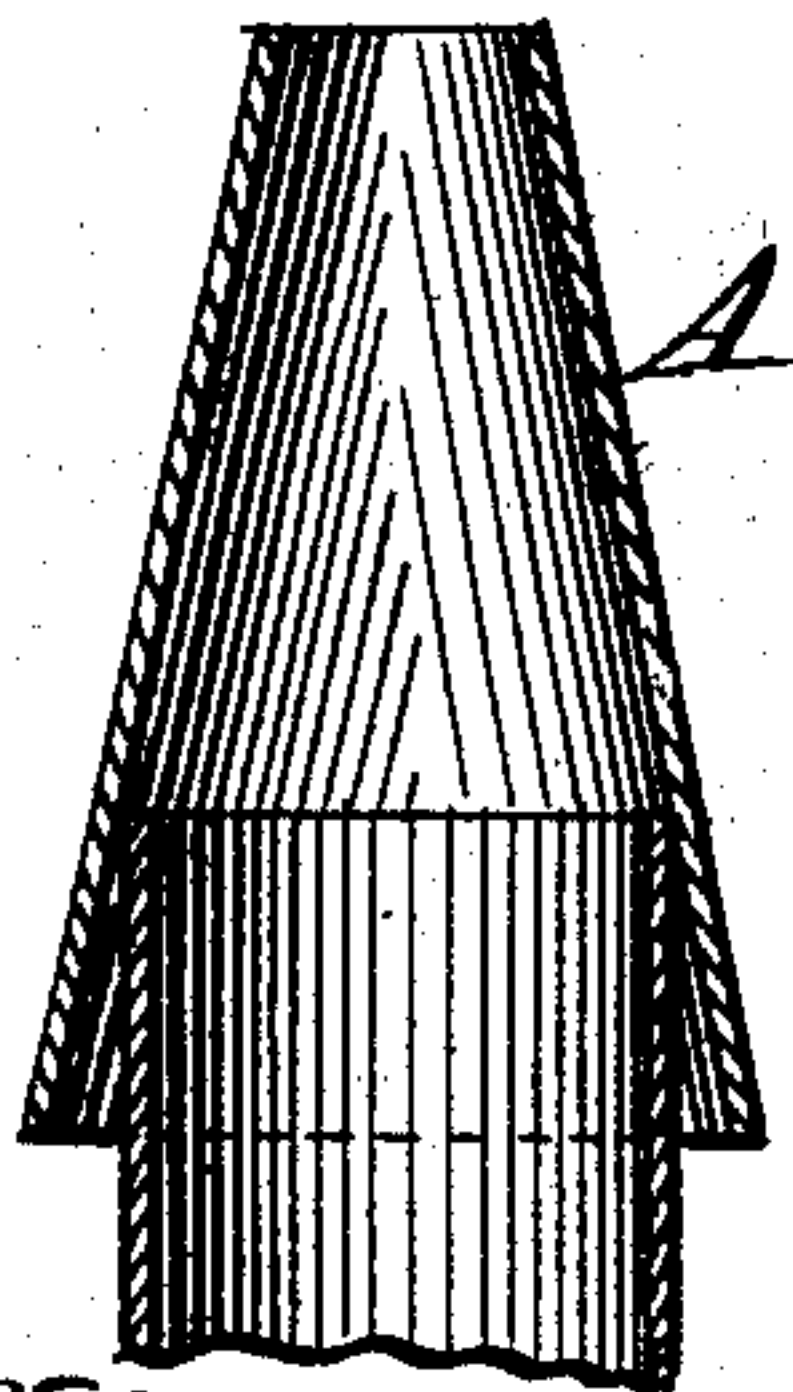


Fig. 4.

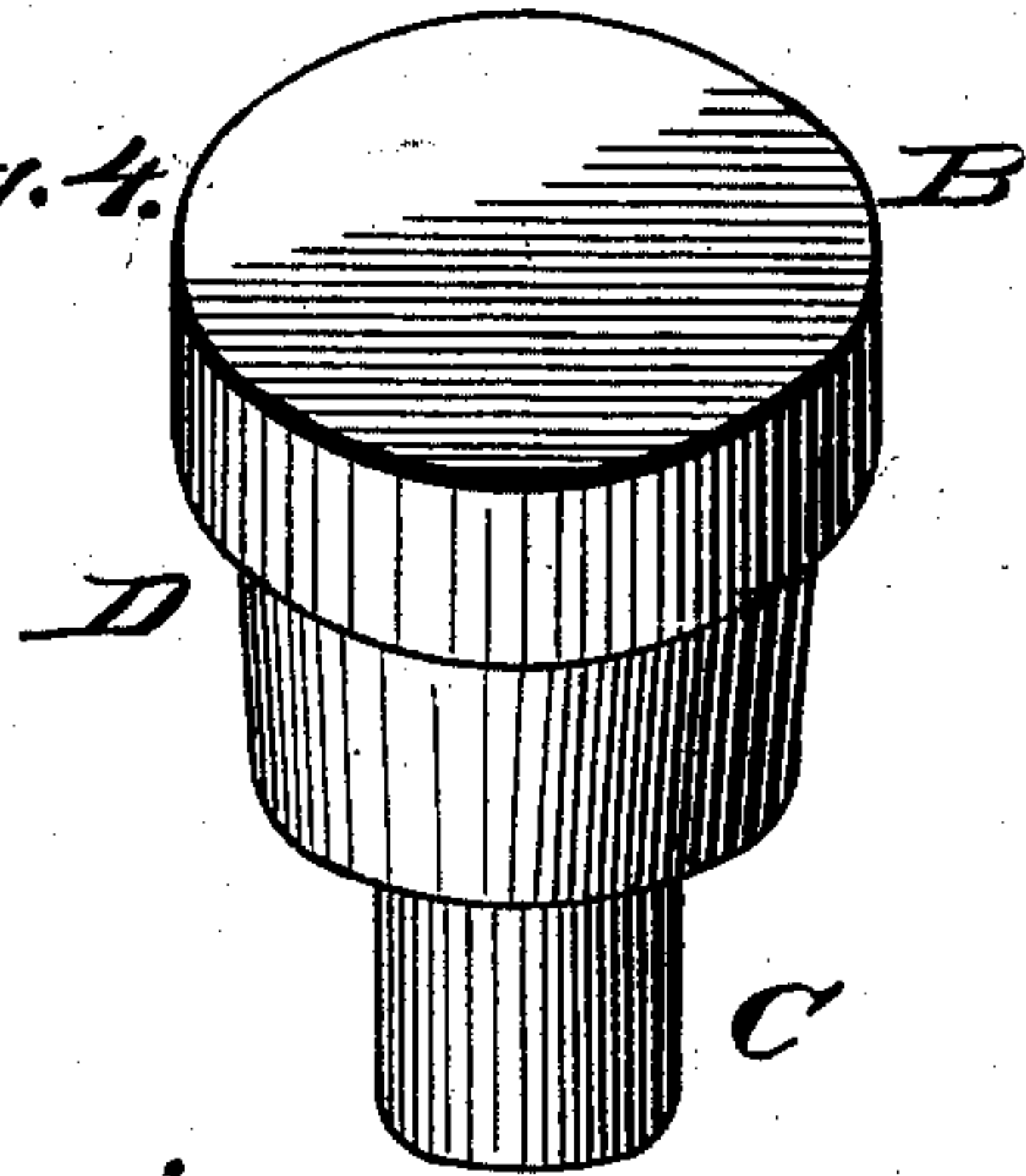


Fig. 5.

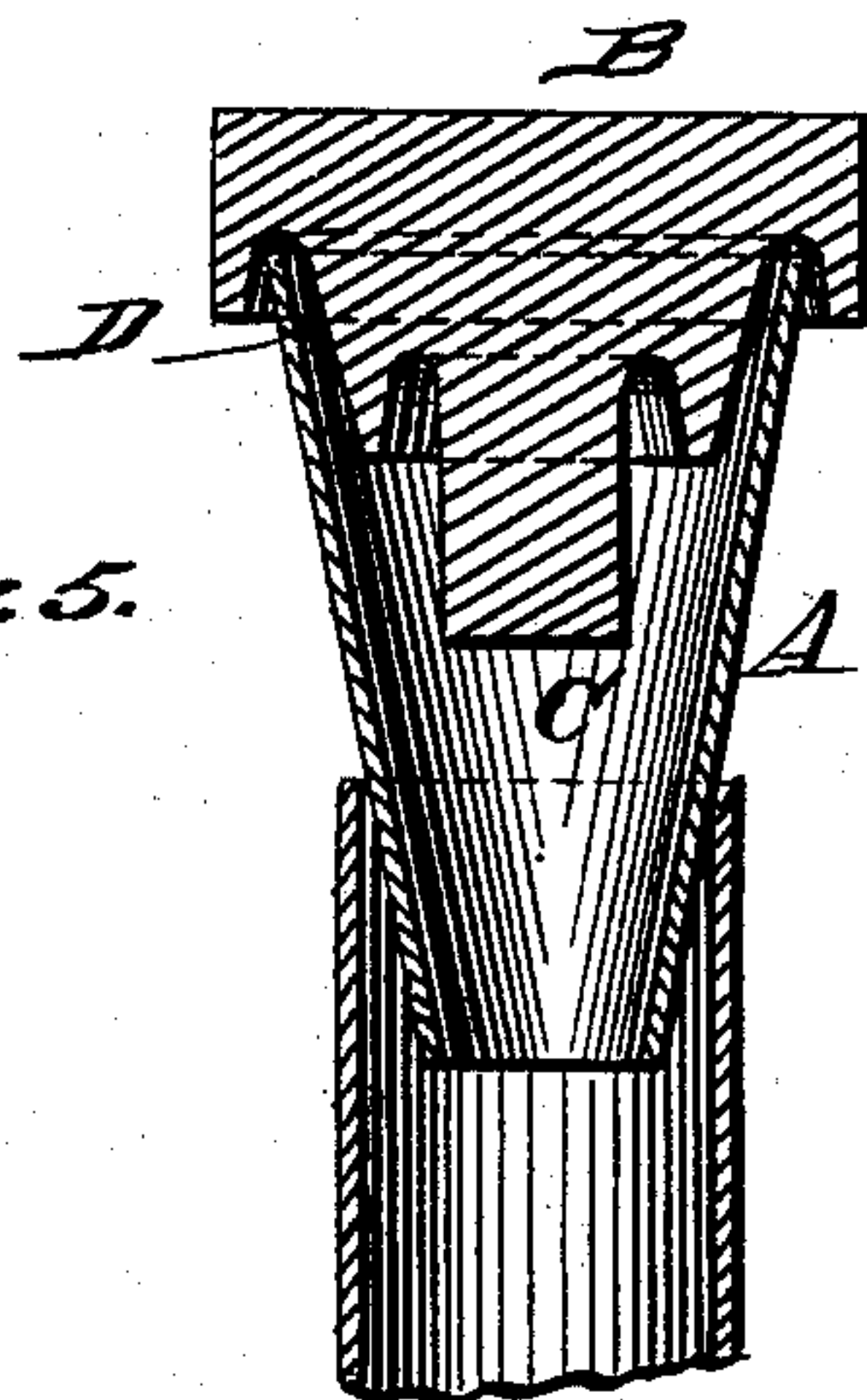
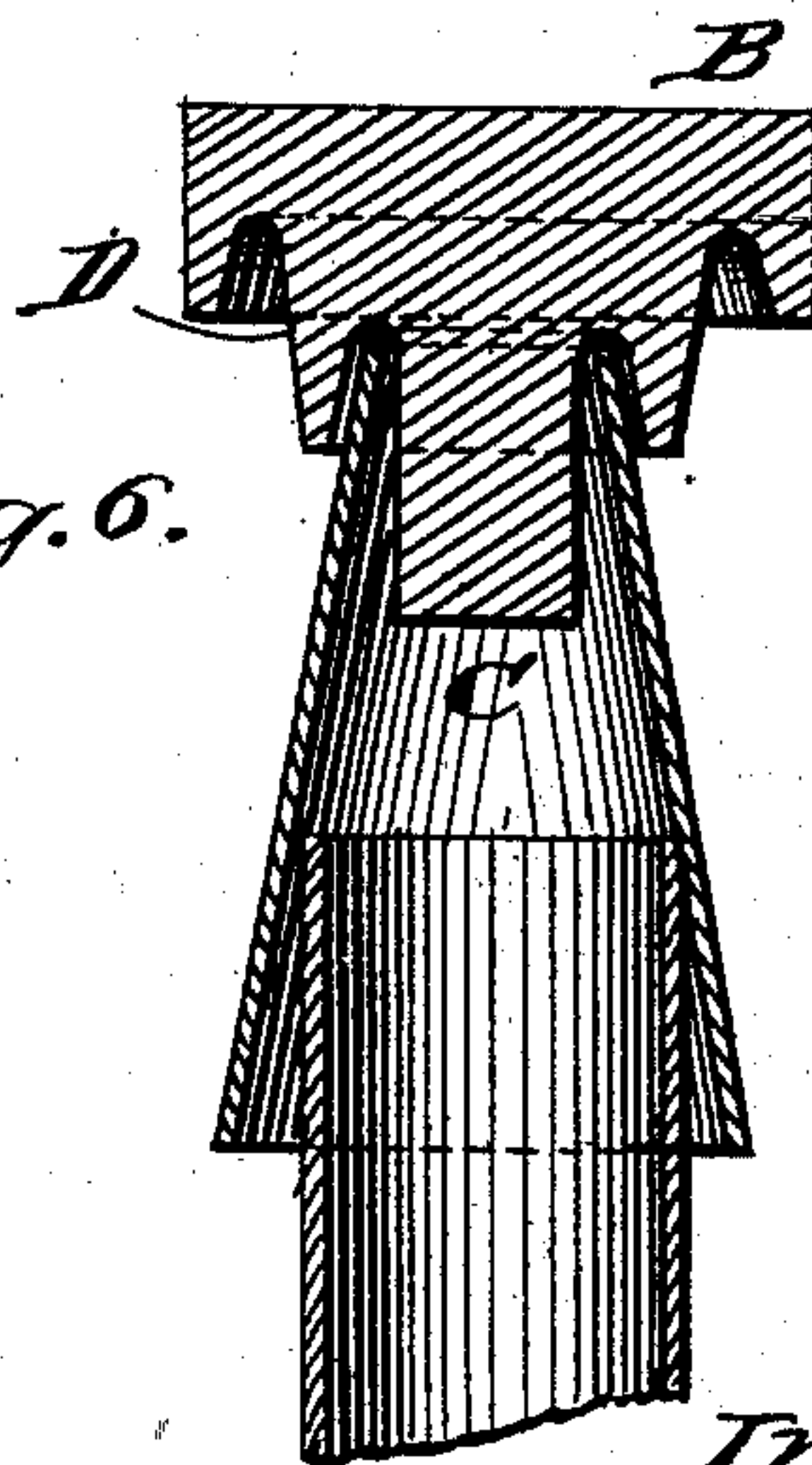


Fig. 6.



Witnesses:

Phil. C. Dietrich.

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Inventor's

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UNITED STATES PATENT OFFICE.

MARTHA E. ROBINSON, OF WALDO, FLORIDA, ADMINISTRATRIX OF MACEDON J. ROBINSON, DECEASED.

DEVICE FOR FITTING STOVE-PIPES.

SPECIFICATION forming part of Letters Patent No. 278,599, dated May 29, 1883.

Application filed April 2, 1883. (No model.)

To all whom it may concern:

Be it known that MACEDON J. ROBINSON, deceased, late a resident of Waldo, in the county of Alachua and State of Florida, invented certain new and useful Improvements in Devices for Fitting Stove-Pipes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of the improved device for fitting stove-pipes. Fig. 2 is a vertical sectional view of the same when used to enlarge the end of a stove-pipe. Fig. 3 is a similar view of the same when placed over the end of a stove-pipe to contract the upper edge of the same. Fig. 4 is a perspective view of a plug adapted to be inserted into either end of the device to enable it to be hammered upon, and Figs. 5 and 6 are vertical sectional views of the device in operation with the plug inserted.

Similar letters of reference indicate corresponding parts in all of the figures.

This invention has relation to devices for fitting stove-pipes; and it consists in the improved construction of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates a truncated hollow metallic cone having sides of sufficient strength to exert sufficient pressure to bend the sheet metal used in stove-pipes, and the point of which is sufficiently narrow to enter a stove-pipe of the usual dimensions, while its wider end is large enough to pass over the end of a stove-pipe. It will be seen that by inserting the point of this cone into the end of a stove-pipe and forcing it down it will flare the upper edges, and by

pressing its wider end over another piece of stove-pipe the edges of the same will be contracted, and the inner and outer surfaces of the cone being parallel, the edges will be flared and contracted at a corresponding angle, so that the end of the one pipe may be inserted into the other without the trouble usually attending the fitting of stove-pipes.

For the purpose of hammering the device down upon the end of the stove-pipe without injuring the edges of the device, a wooden plug, B, is inserted into the end of the same. This plug is conical, and consists of a lower narrower portion, C, which fits into the smaller opening of the cone, while the upper portion, D, is wider, adapted to fit into the wider opening, the flanges above each portion resting upon the edges; and it will be seen that by hammering upon this plug the strain will be equally divided upon the whole edge of the cone.

Having thus described the invention, I claim and desire to secure by Letters Patent of the United States—

A device for fitting stove-pipes, consisting of a hollow truncated cone having its inner and outer surfaces parallel, provided with a block consisting of a narrower and wider portion, and upper rim adapted to fit in either end of the cone, as and for the purpose shown and set forth.

In testimony that I claim the foregoing as the invention of MACEDON J. ROBINSON, deceased, I have hereunto affixed my signature in presence of two witnesses.

MARTHA E. ROBINSON,
Administratrix of Macedon J. Robinson, deceased.

Witnesses:

J. G. IRWIN,
T. L. FOWLER.