

R. WALLACE.

Oil-Cans.

No. 128,570.

Patented July 2, 1872.

fig. 1.

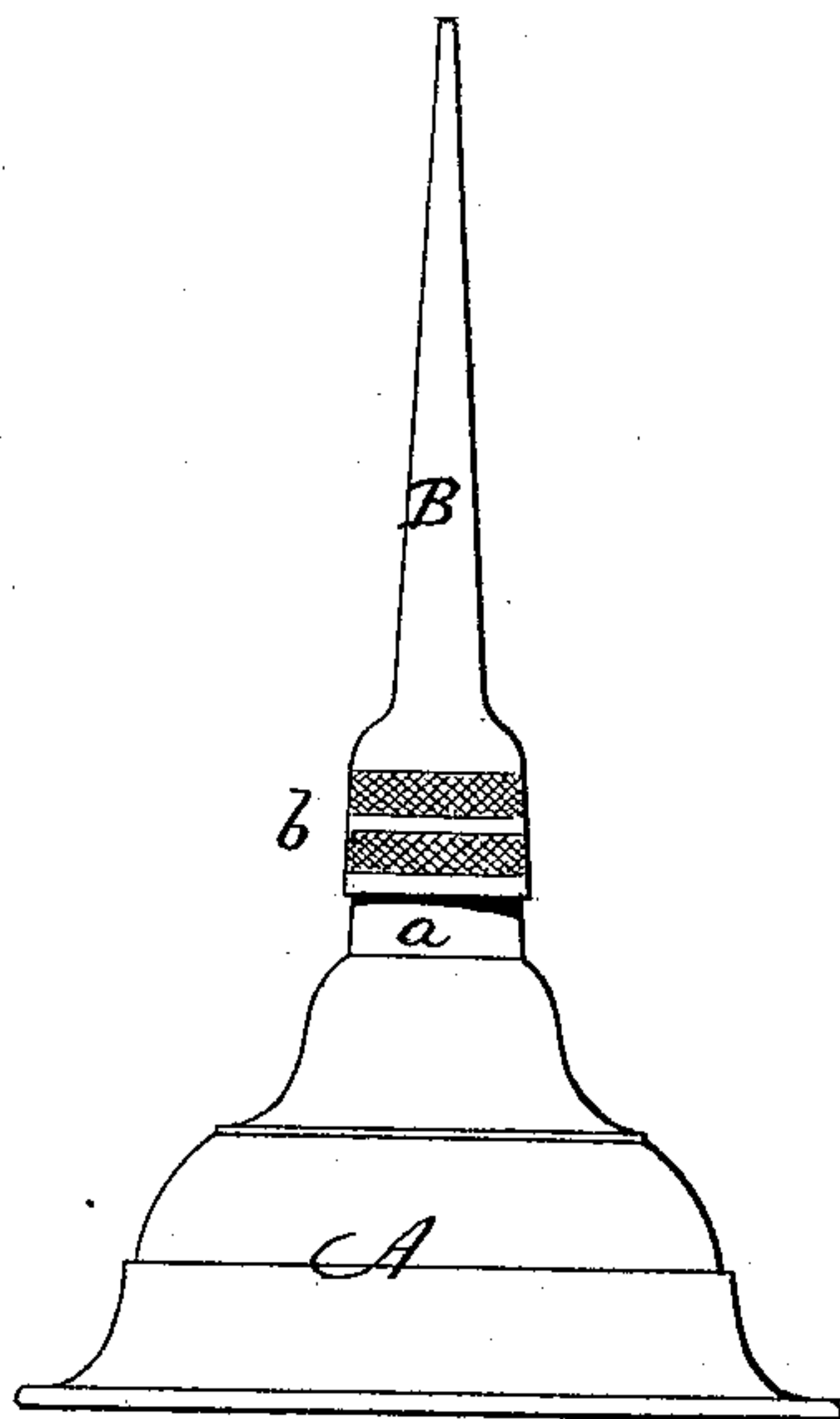
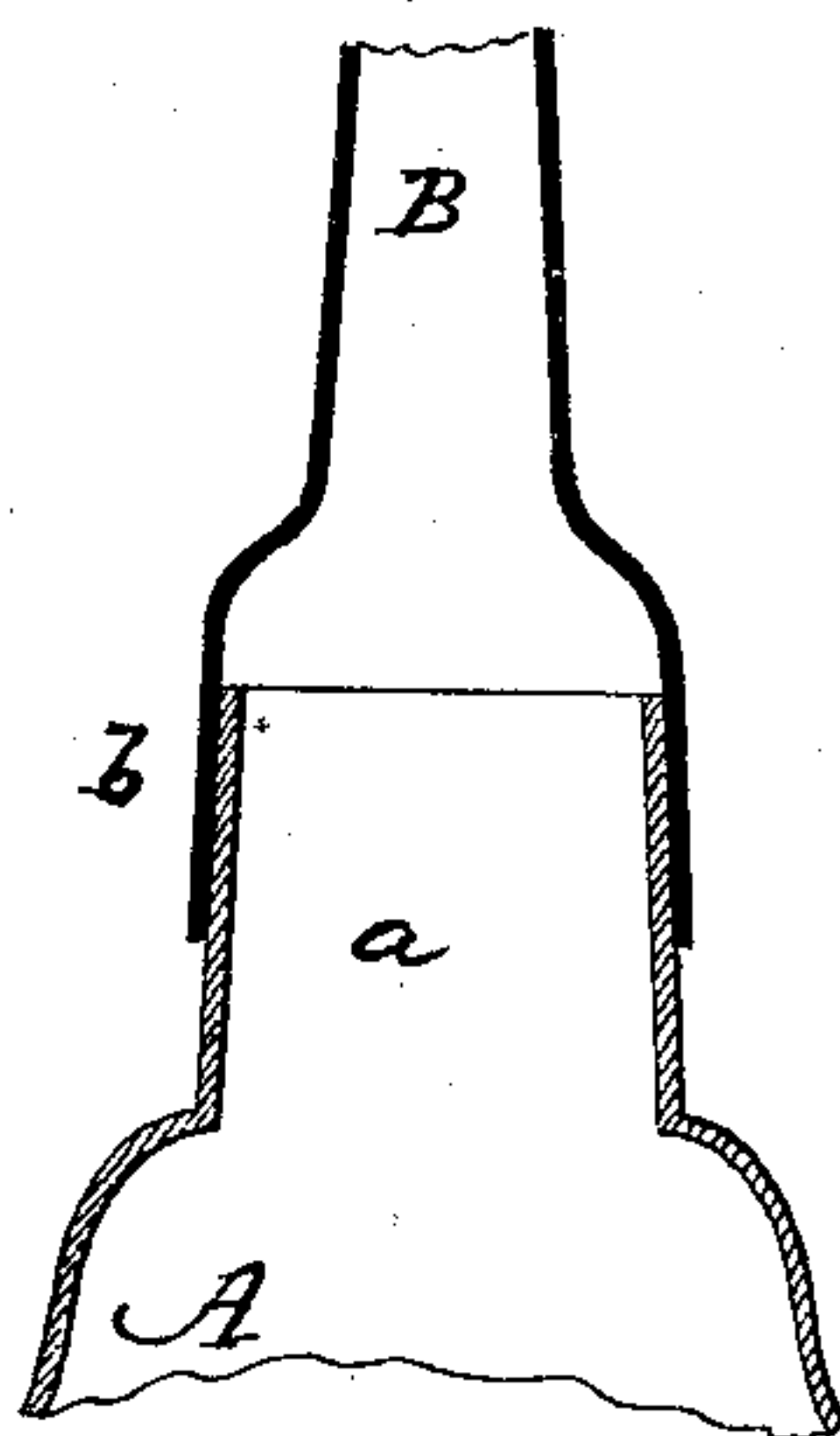


fig. 2



Witnesses.

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UNITED STATES PATENT OFFICE.

ROBERT WALLACE, OF WALLINGFORD, CONNECTICUT.

IMPROVEMENT IN OIL-CANS.

Specification forming part of Letters Patent No. 128,570, dated July 2, 1872.

To all whom it may concern:

Be it known that I, ROBERT WALLACE, of Wallingford, in the county of New Haven and State of Connecticut, have invented a new Improvement in Oil-Ejectors; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents in—

Figure 1 a side view, and in Fig. 2 a vertical central section, enlarged.

This invention relates to an improvement in oil-ejectors; the object being to dispense with the screw, by means of which the tube is attached to the body of the roller.

In oilers in which the tube is secured by means of a screw-thread it is impossible to prevent the oil following the thread and thus working out; also, in the construction of the body and tube in this class of oilers it is necessary that the metal be made sufficiently thick at the neck to allow the cutting of the thread, and to do this the threaded neck is usually attached to the parts. To overcome this difficulty is the object of my invention, which consists in constructing the neck of the oiler slightly conical upon the outside and the lower end of the tube correspondingly conical upon the inside, so that the tube may be set onto the neck, fitting closely, and with sufficient natu-

ral friction to prevent the accidental removal of the tube.

A is the body of the oiler, slightly conical upon the outside, as seen in Fig. 2, and *a* the neck, the body and neck usually formed by striking up or spinning from one and the same piece of metal. B is the tube; *b*, the base of tube, the interior of the base *b* corresponding to the exterior of the neck *a*, so that when the tube is set onto the neck it will fit closely thereon, as seen in Fig. 2, and pressed down forms a perfectly tight joint, and by the conicalness the two adhere so closely together that they cannot be accidentally separated, but may be by holding the oiler in one hand and taking hold of the base of the tube with the other and giving a slight turn. To facilitate this removal I mill or otherwise roughen the base of the tube, as seen in Fig. 1.

This construction costs no more than the common construction up to the point of threading the necks, this last-named part of the construction being entirely dispensed with.

I claim as my invention—

An oil-ejector in which the tube is attached to the body of the oiler by means of a conical-shaped neck, *a*, and base *b*, substantially as specified.

ROBERT WALLACE.

Witnesses:

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