

T. HOLLAND & J. B. VALLEE.  
Squirt-Can.

No. 227,108.

Patented May 4, 1880.

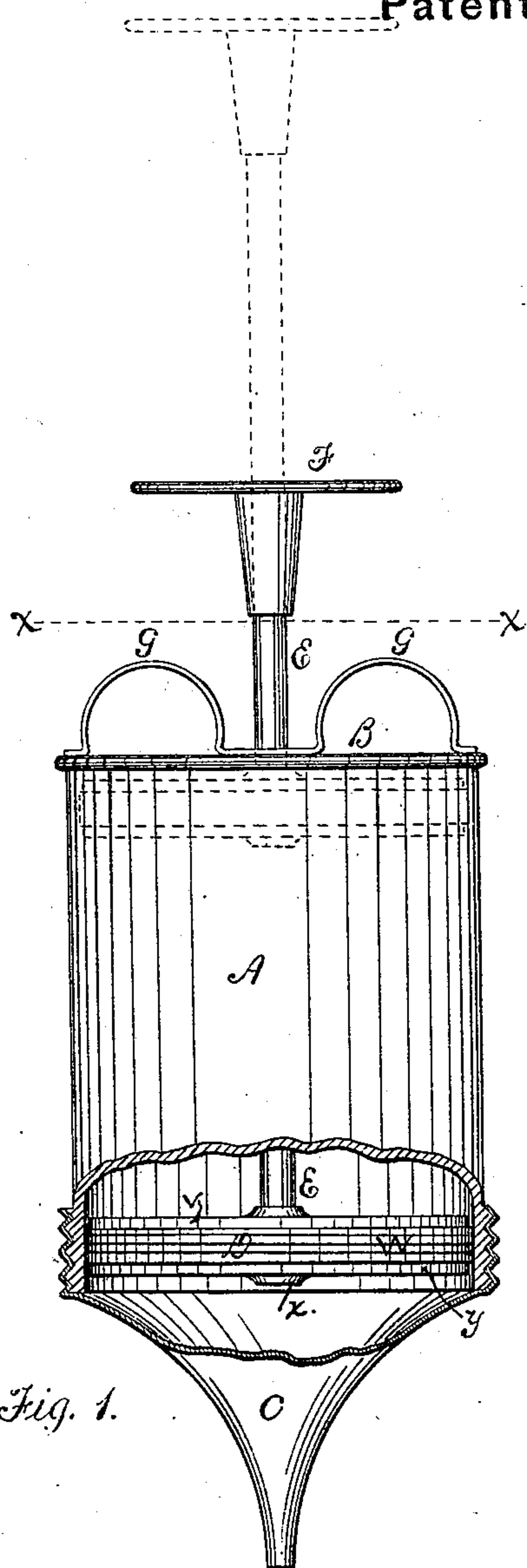


Fig. 1.

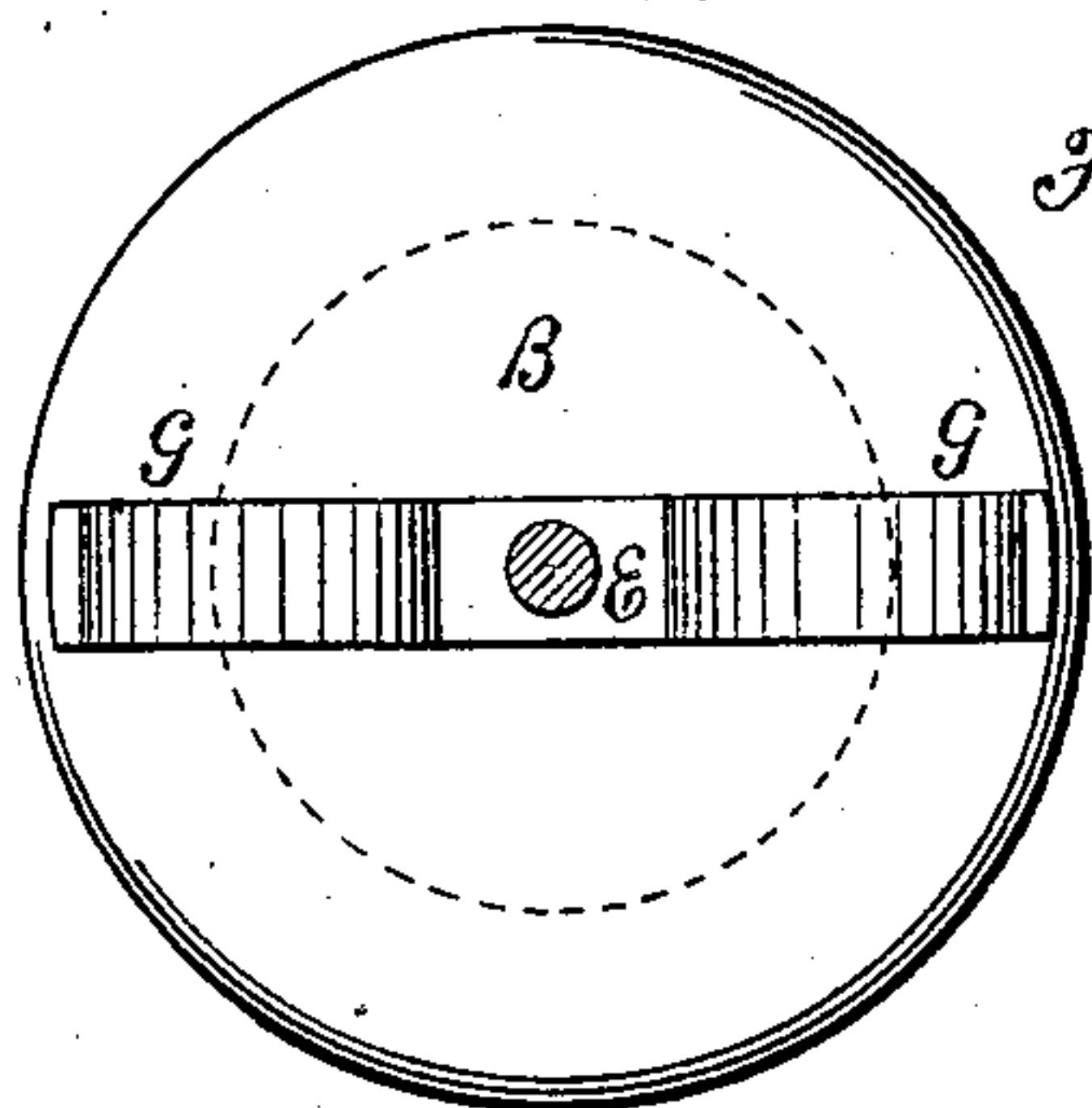


Fig. 2.

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# UNITED STATES PATENT OFFICE.

TIMOTHY HOLLAND AND JOHN B. VALLEE, OF TROY, NEW YORK.

## SQUIRT-CAN.

SPECIFICATION forming part of Letters Patent No. 227,108, dated May 4, 1880.

Application filed February 5, 1880.

*To all whom it may concern:*

Be it known that we, TIMOTHY HOLLAND and JOHN B. VALLEE, of the city of Troy, in the county of Rensselaer and State of New York, have invented a new and useful Improvement in S squirt-Cans for Plastic Lubricating Compounds, of which the following is a specification.

The invention consists in a device by means of which plastic lubricants may be applied to machinery in small quantities, as required, substantially as fluid lubricants are applied by means of the ordinary squirt-can.

In the accompanying drawings, Figure 1 is an elevation of our improved device, shown partly in section; and Fig. 2 is a top view of same, taken at line *xx* in Fig. 1.

Similar letters of reference in each indicate corresponding parts.

A represents the body of can, which may be in the form of a cylinder, the upper end being closed by stationary head or top piece, B, and the lower end provided with coarse thread to receive detachable bottom piece, C, correspondingly provided, and which may also be funnel-shaped to serve as a nozzle.

D represents the piston or plunger, fitting the interior of can as closely as a free vertical motion throughout will allow, and E the piston-rod secured to same, which extends upward through the head B and terminates in the disk F. In this instance the piston is composed of an upper metallic disk, *v*, rigidly secured to rod E, of several apertured disks, *w*, of packing slipped over rod E, and of an under metallic disk, *y*, also slipped over rod E, and of a screw-nut, *x*, on E, which presses the under disk and packing against the upper disk.

G G represent semicircular loops attached to head B on opposite sides of piston-rod E, as shown.

The device may be operated as follows: In charging the can the bottom should be removed and the piston raised by means of the disk and rod, as shown by dotted lines in Fig. 1, when the can, being filled and closed by replacing the bottom, will be in readiness to discharge the contents, as required, which may be accomplished by inserting the fingers of the hand holding said can through the loops and exerting a slight pressure with the palm upon the disk, when, through the agency of the rod, the piston will be gradually forced downward and the lubricant ejected through the nozzle.

We do not claim, broadly, the general form or construction of can, as we are aware that in these respects it is essentially similar to the ordinary syringe; nor claim, broadly, the loops aforesaid, as we are also aware that similar devices have been used before; nor do we claim any modification or arrangement not adapted for the special purpose above mentioned; but

What we do claim, and desire to secure by Letters Patent, is—

In squirt-cans for plastic lubricants, the combination of the fixed head or top B, detachable funnel-shaped nozzle or bottom C, piston D, rod E, disk F, and loops G G with the body A and with each other, substantially as shown and described, for the objects herein set forth.

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Witnesses:

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