

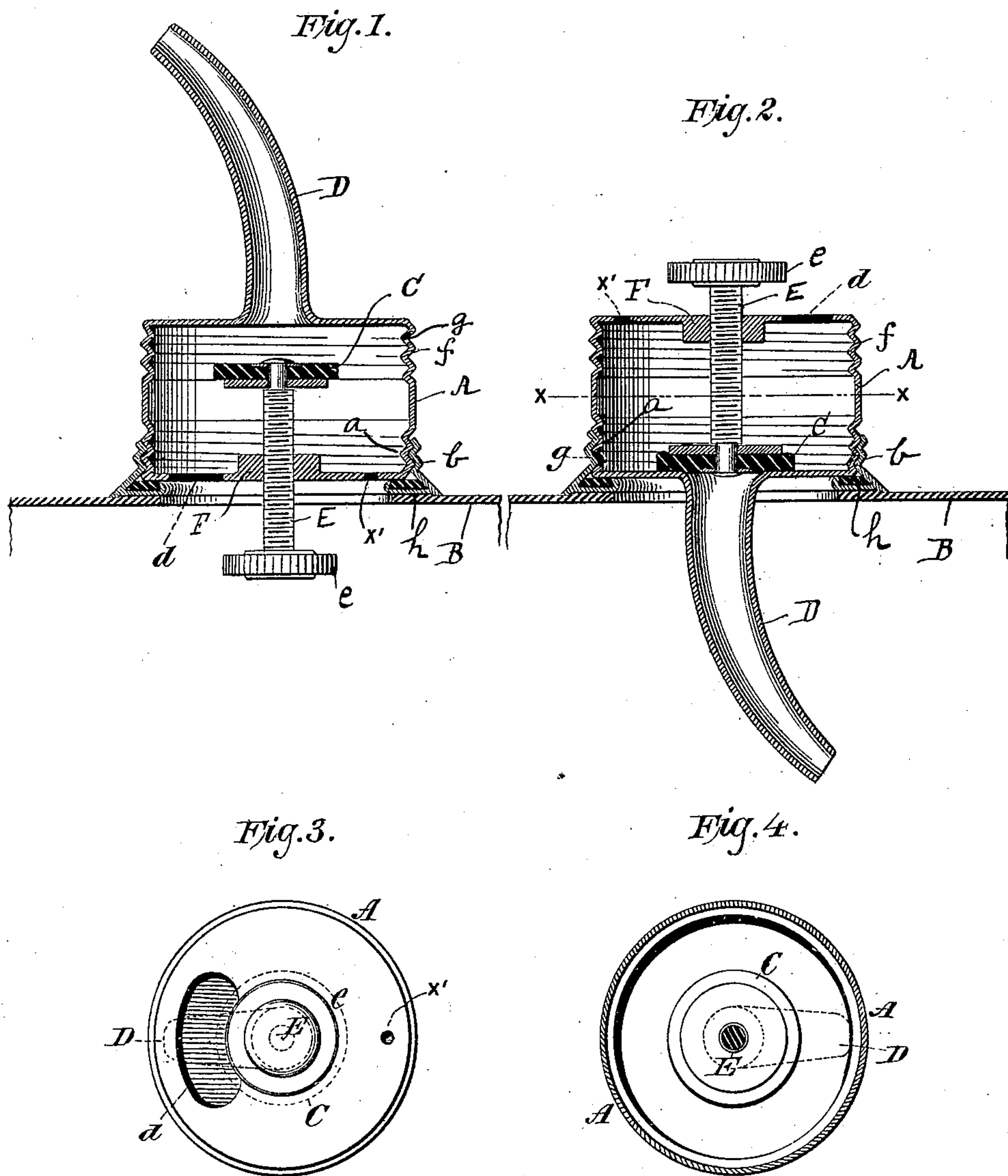
(No Model.)

R. DREYER.

STOPPER AND SPOUT FOR OIL CANS.

No. 356,529.

Patented Jan. 25, 1887.



WITNESSES:
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RICHARD DREYER, OF LONG ISLAND CITY, NEW YORK.

STOPPER AND SPOUT FOR OIL-CANS.

SPECIFICATION forming part of Letters Patent No. 356,529, dated January 25, 1887.

Application filed November 13, 1886. Serial No. 218,836. (No model.)

To all whom it may concern:

Be it known that I, RICHARD DREYER, a resident of Long Island City, in the county of Queens and State of New York, have invented an Improved Stopper and Spout for Oil-Cans, of which the following is a full, clear, and exact description, reference being made to the accompanying drawings.

My invention relates to a reversible stopper and spout for oil-cans and other vessels containing fluids; and it has for its object to provide a stopper and spout which will be convenient for pouring the oil or other fluid from the can and will occupy the least amount of space when serving as a stopper.

The invention consists of a drum or body having a spout on one head and an inlet on the other, a stopper or valve for the spout, means passing through the head of the drum opposite the spout for operating said valve, the sides of the drum being threaded, so that it may be secured with either head upward to an opening in the can, as will be more fully hereinafter set forth.

In the accompanying drawings, which form part of this specification, Figure 1 is a central vertical section of my reversible spout and stopper. Fig. 2 is a similar section showing the stopper and spout in the reverse position of that in Fig. 1. Fig. 3 is a view of the under side of the stopper and spout, showing the inlet-openings. Fig. 4 is a section on the line *xx*, Fig. 2.

A is the drum or body, which may be of metal or other suitable material, and it has upon one head a spout, D, and on the other an inlet, *d*, and an air-inlet, *x*. Passing through a nut, F, on the head opposite the spout is a screw, E, having a disk, C, of rubber, leather, or other suitable material, on its inner end and a milled head, *e*, on its opposite end. The thumb screw E, by pressing the disk C against the spout, closes the spout when the drum is in the position shown in Fig. 2.

The upper and lower part of the side of the drum is threaded at *a* and *f*, and the body of the can B has a screw-threaded flange, *b*, either

formed integral with the body B or secured thereto, with which the threads *a* and *f* mesh. The flange *b* on the body B has a shoulder, *h*, on which rests a washer to secure a tight joint when the drum A is screwed down thereon.

g is an air-inlet channel in the side of the drum A near the spout-head, which, when the drum serves as a stopper, as shown in Fig. 2, is closed by the flange *b*.

The spout D may be closed by a ferrule or cap fitting over its outer end instead of by the disk C.

The manner of using the invention is as follows: When the can is to be closed, the disk C is screwed down so as to close the spout D, and the drum A screwed into the can B with the spout D projecting within the can, as shown in Fig. 2. If, however, the spout is to be used, the disk C is drawn back by the screw E and the drum A screwed into the body B, as shown in Fig. 1. The advantage of this construction is that the spout is conveniently located for pouring, and when the drum is reversed to serve as a stopper the spout is within the body of the can, giving a compact arrangement for packing and storage.

Having now described my invention, what I claim is—

1. In a reversible stopper and spout, the combination of a drum, A, having a spout, D, on one head and an inlet, *d*, on the other, with a thumb-screw, E, passing through a threaded opening in the head opposite the spout, and disk C, substantially as described.

2. In a reversible stopper and spout, the combination of an externally-threaded drum, A, having a spout, D, and inlet-openings *d* and *g*, and thumb screw E, passing through a threaded opening in the head of the drum opposite the spout, said thumb-screw carrying a disk, C, with a can-body having a threaded flanged opening therein, substantially as described.

RICHARD DREYER.

Witnesses:

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