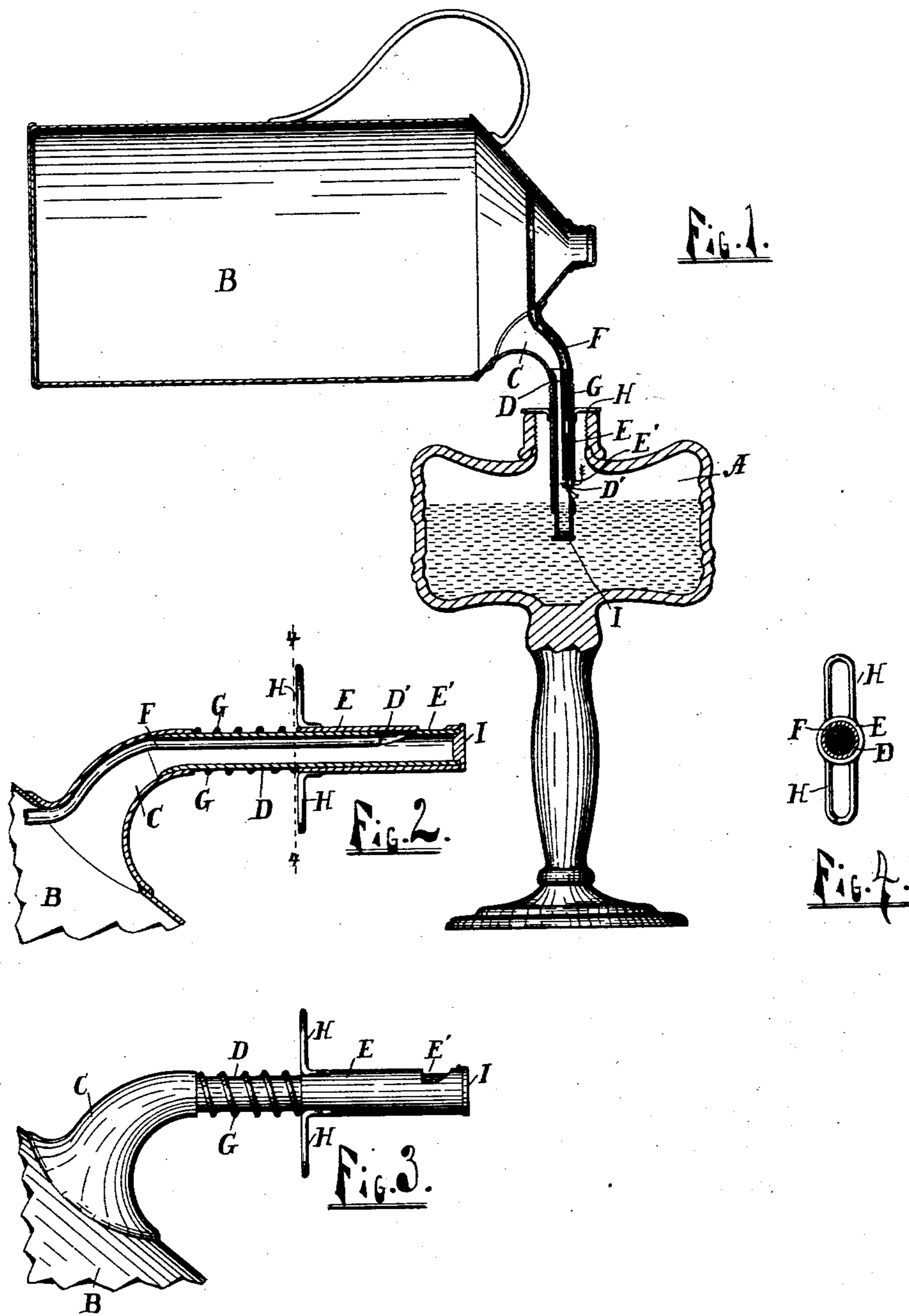


(No Model.)

J. C. ROTH.
OIL CAN.

No. 525,744.

Patented Sept. 11, 1894.



WITNESSES:

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JOHN C. ROTH, OF LOWELL, MICHIGAN.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 525,744, dated September 11, 1894.

Application filed March 22, 1894. Serial No. 504,746. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. ROTH, a citizen of the United States, residing at Lowell, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Oil-Cans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in oil cans and its purpose is to provide the same with certain new and useful features, hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a sectional view of a lamp, and my improved oil can, which can is shown in position for filling the lamp. Fig. 2 is a detail of the spout, in vertical section; Fig. 3, a side elevation of the spout; and Fig. 4 a section of the spout on the line 4—4 of Fig. 2.

Like letters refer to like parts in all of the figures.

A is the lamp; B, the oil can; C, the spout.

D is a tube, one end of which is fitted into the end of the spout C and having an opening D' near its outer end, said end being closed by the cap I.

E is a sliding sleeve, working on the tube D and having an opening E' near its outer end and laterally extending arms H near the other end.

F is an air tube extending from the opening D', to a point in the upper part of the can B.

G is a coiled spring on the tube D which operates the sleeve E, and forces the same toward the end of the tube D. One end of the spring abuts against the end of the spout C and its other end against the arms H on the sleeve E.

The operation of my device is as follows: As the tube C and sleeve E are thrust into the opening of the lamp the arms H come in contact with the collar of the same, thus forcing the sleeve E, upward compressing the spring G and bringing the opening E' opposite the opening D'. The oil can B, being

air tight, as these said openings come opposite each other, the air passes into the outer end of the tube F, and thus supplies air to the can, and allows the oil to flow into the lamp. As the oil in the lamp rises above the opening E' and the end of the air tube F, this air supply is cut off and the oil ceases to flow, thus preventing any accidental overflow.

When the tube C and sleeve E are removed from the lamp, the spring G is free to force the sleeve E outward, thus promptly and automatically closing all the openings, and preventing any spilling, or evaporation of the oil.

One of the advantages of my invention is that it can be applied to the spouts of oil cans now in use without necessitating the removal of the spout or the making of any change in the oil can.

What I claim is—

1. The combination with the spout of an oil can, of a tube fitted at one end into the end of the spout and having its outer end closed and provided with a lateral opening near said closed end, a sliding sleeve fitted on said tube and having near its front end a lateral opening adapted to register with the opening in the tube, laterally extending arms on the rear end of the sleeve, and a coiled spring on the tube abutting at one end against the end of the spout and at its other end against the arms on the sleeve, substantially as specified.

2. The combination with the spout of an oil can, of a tube fitted at one end into the end of the spout and having its outer end closed and provided with a lateral opening near said closed end, a spring actuated sliding sleeve on the tube having a lateral opening adapted to register with the opening in the tube, and an air pipe leading from the lateral opening in the tube through the tube and spout into the interior of the can, substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN C. ROTH.

Witnesses:

CHARLES QUICK,
BERTHA M. ROBINSON.