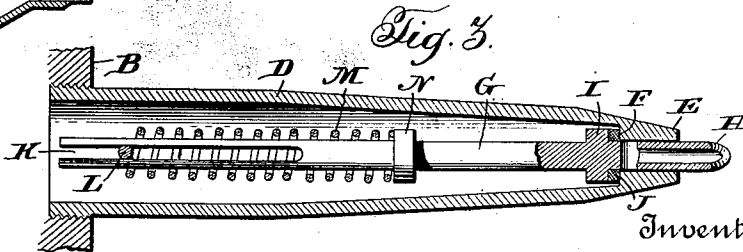
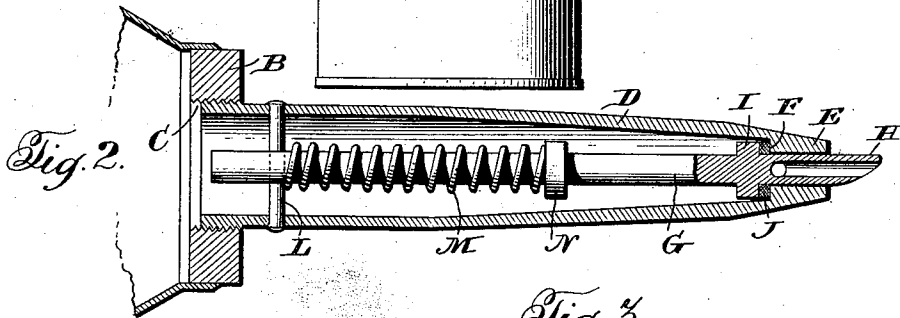
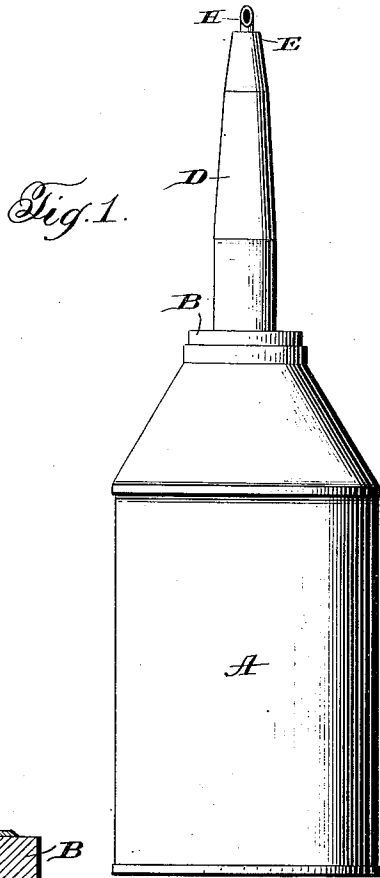


A. P. HURT.
 SPOUT FOR OIL CANS.
 APPLICATION FILED OCT. 23, 1909.

947,991.

Patented Feb. 1, 1910.



Witnesses:

Jas. E. Hutchinson.
 W. A. Baldwin

Inventor:

Ambrose P. Hurt,
 By W. C. Milans Attorneys

UNITED STATES PATENT OFFICE.

AMBROSE P. HURT, OF ANDERSON, SOUTH CAROLINA, ASSIGNOR OF ONE-THIRD TO GEORGE H. LEITNER AND ONE-THIRD TO W. P. WRIGHT, BOTH OF ANDERSON, SOUTH CAROLINA.

SPOUT FOR OIL-CANS.

947,991.

Specification of Letters Patent.

Patented Feb. 1, 1910.

Application filed October 23, 1909. Serial No. 524,220.

To all whom it may concern:

Be it known that I, AMBROSE P. HURT, a citizen of the United States, residing at Anderson, in the county of Anderson and State of South Carolina, have invented certain new and useful Improvements in Spouts for Oil-Cans, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to spouts for oil cans and has for its object the provision of an improved simple valve device carried by the spout adapted to be readily attached to or detached from the can.

In the use of oil cans, it is frequently objectionable and sometimes damaging to fabrics or goods, particularly in connection with the textile industry, to permit the oil to have free discharge from the mouth of the spout, and the purpose of the valved spout of the present invention is to overcome such disadvantages and to restrict the discharge of the oil fed from the can, conveniently by the use of a projecting stem extending beyond the mouth of the spout and from the valve, from which projection the oil will be fed one drop at a time, the valve regulating the amount and preventing leakage.

A convenient embodiment of the invention comprises a spout formed for attachment to a can or receptacle having a valve seat arranged inwardly beyond the point of discharge from the spout, a shiftable rod arranged longitudinally within the spout and projecting outwardly beyond the mouth thereof, a valve on said rod arranged to engage the valve seat, means in the spout for guiding the rod when the valve is moved to and from its seat, and means also within the spout for normally holding the valve to its seat.

The foregoing and other novel details in the construction and arrangement of parts will be apparent from the specific description hereinafter contained when read in connection with the accompanying drawing forming part hereof and wherein a convenient embodiment of the invention is illustrated.

In the drawings, Figure 1 is an elevation of a can provided with my improved valved spout, Fig. 2 is a longitudinal sectional view through the spout and a portion of the can, and Fig. 3 is a similar view taken in a plane at right angles to that of Fig. 2.

Referring more specifically to the drawings wherein like reference characters designate corresponding parts in the several views, A represents a can or receptacle of any suitable shape or size provided with a cap or stopper B having a threaded bore C. D is a spout, also of any suitable size and shape having a discharge mouth E of a diameter quite restricted relative to the size of the interior of the remaining portion of the spout to form a guide, as will hereinafter appear, and to provide a valve seat F.

Extending longitudinally of the spout and shiftable lengthwise thereof is a rod G, mounted within the spout, and extended as at H a substantial distance beyond the mouth E whereby to be guided in its movement by said mouth. On this rod I secure a valve I conveniently leather-faced, as at J, adapted to seat against the valve seat F. The opposite or inner end of the rod G is slotted a considerable distance, as shown at K to work over a fixed transverse guide pin L passed through and secured to the spout. A spring M bearing at one end against the pin L and at its opposite end against a collar or flange N fast with the rod constantly exerts an expanding pressure to close and hold the valve I—J to the seat F.

The operation of the device will be obvious, it simply being necessary to press the projection or stem H against the part to be oiled when the valve I—J will be forced inwardly against the pressure of the spring M thereby permitting the oil to feed around the valve and down the stem H. Upon release of the pressure the spring will immediately close the valve. It is to be observed that the periphery of the valve fits the bore of the spout relatively freely to permit the oil to feed therearound.

It is apparent that the details of the embodiment disclosed herein may be departed from while still keeping within the scope of the invention.

I claim:—

1. An oil spout of the character described provided with a valve seat near its mouth, a valve for said seat, a carrier for said valve comprising rod extensions, one projecting outwardly beyond the mouth and the other inwardly within the spout, and instrumentalities in the spout for guiding the inner rod extension and for closing the valve.

2. An oil spout of the character described

provided with a valve seat near its mouth, a valve for said seat, a carrier for said valve comprising rod extensions, one projecting outwardly beyond the mouth and the other inwardly within the spout, and instrumentalities in the spout for guiding the inner rod extension and for closing the valve, said guiding means comprising a fixed transverse member engaging a slotted portion of the rod extension.

3. An oil spout of the character described provided with a valve seat near its mouth, a valve for said seat, a carrier for said valve comprising rod extensions, one projecting outwardly beyond the mouth and the other inwardly within the spout, instrumentalities in the spout for guiding the inner rod extension and for closing the valve, said guiding means comprising a fixed transverse member engaging a slotted portion of the rod extension, and the valve closing means comprising a stop on the rod extension, and a spring interposed between said stop and the fixed transverse member.

4. An oil spout of the character described provided on its interior with a valve seat, a valve for said seat, a projecting part for

operating the valve extending outwardly beyond the mouth of the spout, a projecting part extending inwardly within the spout and from said valve, a fixed guide within the spout engaging the same, and means engaging the inwardly projecting part for shifting the same to close the valve.

5. An oil spout of the character described provided on its interior with a valve seat, a valve for said seat, a projecting part for operating the valve extending outwardly beyond the mouth of the spout, a projecting part extending inwardly within the spout and from said valve, a fixed guide within the spout engaging the same, and means engaging the inwardly projecting part for shifting the same to close the valve comprising a stop on the inwardly projecting part, and a spring interposed between said stop and the guide.

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

AMBROSE P. HURT.

Witnesses:

FRANK E. TODD,
R. E. MOSELEY.