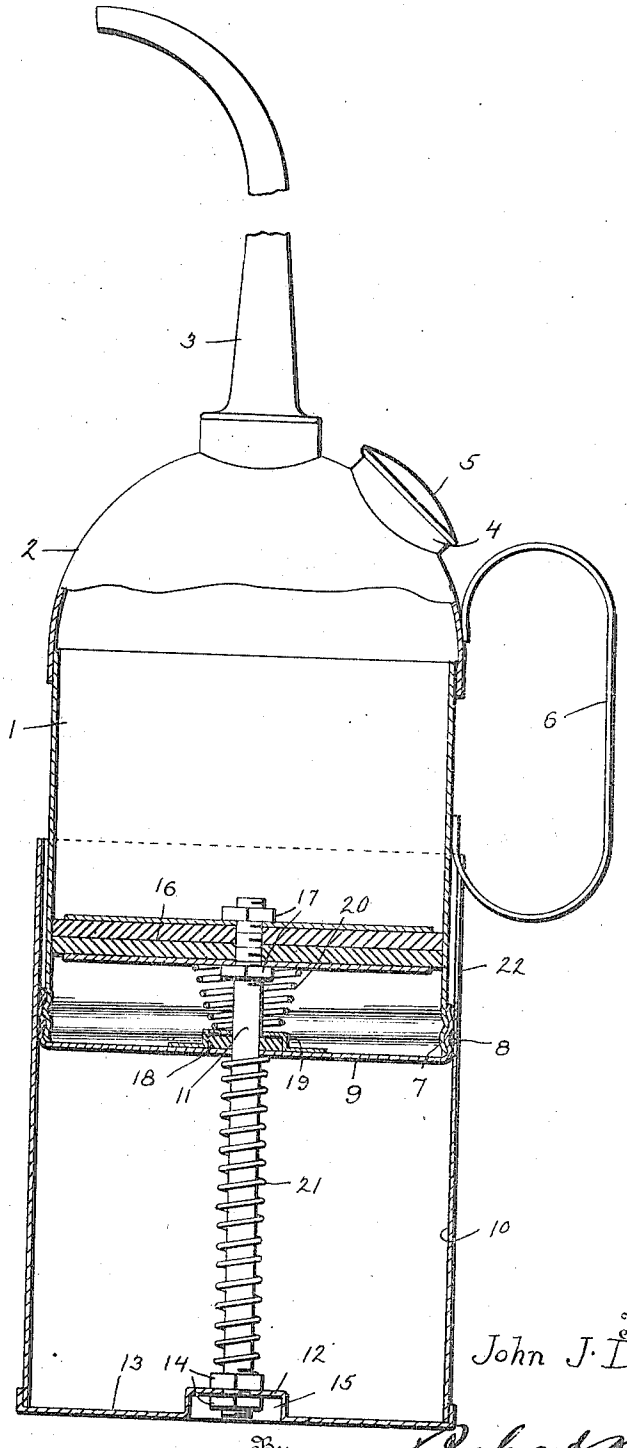
J. J. DRURY.

OIL CAN.

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UNITED STATES PATENT OFFICE.

JOHN J. DRURY, OF TROY, OHIO.

OIL-CAN.

1,264,908. Specification of Letters Patent. Patented May 7, 1918.

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To all whom it may concern:

Be it known that I, JOHN J. DRURY, a citizen of the United States, residing at Troy, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in Oil-Cans, of which the following is a specification.

This invention relates to new and useful improvements in oil cans.

The primary object of the invention resides in the provision of an oil can which will be of such construction that the contents of the same may be dispensed under pressure through the curved spout, thereby especially adapting the can for use in oiling or lubricating parts of automobile engines and the like which cannot be readily reached by means of an ordinary oil can.

Another object of the invention resides in the provision of an oil can of the above stated character which will be of simple construction and operation, composed of the minimum number of parts and highly efficient in use.

For a further object, the invention contemplates the provision of an oil can of this character in which the piston or plunger will be resiliently retained in the lower portion of the main can and the latter also resiliently retained in the upper portion of the auxiliary or supporting can, turning of the main can within the outer can being prevented by means of a handle carried by said main can.

With these general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the appended claims.

In the drawing forming a part of this application, I have shown a longitudinal section of the device with the upper portion of the main can and the discharged spout in elevation, a portion of the latter being removed.

Referring more in detail to the drawing, 1 designates the main can which includes a body portion and an upper portion 2 mounted thereon and having a curved discharged spout 3 extended from its upper central portion. The upper portion 2 of the main can is also provided with a filling opening 4 having a cap 5 secured therein. A handle 6 of conventional form is provided upon the main can 1 and is preferably formed of a bail having its ends turned back and secured to the body of the main can 1 and the upper portion 2 thereof, thereby positioning the handle 6 in a vertical plane. The lower end of the body of the main can 1 is open and exterior threads 7 are formed around the same to receive the correspondingly threaded flange 8 of the bottom member 9 employed for closing the bottom of the main can 1.

A secondary or supporting can 10 is provided for the main can 1 and said main can is supported in the secondary or outer can 10 by means of the plunger rod 11, having its lower end extended through the upwardly offset central portion 12 of the bottom 13 of the can 10 and binding nuts 14 threaded upon said central rod 11 for engagement with the upper and lower faces of the offset portion of said bottom 13. The lower binding nut 14 as well as the lower extremity of the central plunger rod 11, rests in the pocket 15 formed under the bottom 13 by offsetting the portion 12, as will be readily understood by referring to the drawing.

The plunger rod 11 extends through the bottom member 9 of the main can 1 and has a suitable plunger 16 mounted upon its upper end within said main can 1 and secured in position by suitable binding nuts 17, threaded upon the upper extremity of the plunger rod 11. A suitable packing 18 is secured upon the bottom member 9 by means of a flanged ring 19, around the plunger 11 to prevent escape of the contents of the can 1, should any of the same pass below the plunger 16.

An inverted conical spring 20 is positioned around the plunger rod 11 and has its small lower end engaged against the ring 19 while its larger upper end bears against the under face of the plunger 16, exerting pressure upon the latter to retain the same in spaced relation with the bottom member 9. The helical spring 21 is also mounted upon the plunger rod 11 and has one end bearing against the under face of the bottom member 9 while its opposite end bears against the upper binding nut 14.

It will be seen that the spring 21 serves to resiliently retain the main can 1 in the upper portion of the supporting outer can 10. When the main can is held by the handle 6 however, and pressure exerted upon the

bottom of the auxiliary or outer supporting can 10 to force the same toward the main can 1 against the tension of the spring 21, the plunger 16 is forced to move toward the upper or outer end of the main can 1 and force the contents of the same out through the discharged spout 3 under pressure. It will also be understood that the springs 20 and 21 serve as cushioning springs for the plunger 16 and the main can 1, respectively. It will further be understood that a guide slot 22 is formed in the upper end of the auxiliary or supporting outer can 10 for the handle 6 and when the main can 1 is in normal position within the can 10, the handle 6 projects slightly into the slot 22, thereby preventing independent rotation of the cans 1 and 10.

While the form of the invention herein shown and described is what is believed to be the preferred embodiment thereof, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim—

1. A dispensing can, including a supporting cylinder closed at its lower end, a can body vertically movable in said cylinder and equipped at its upper end with a delivery spout, said cylinder having the central portion of its lower end raised, a vertical plunger rod having its lower end extended downwardly through said raised portion and its upper end extending upwardly through the bottom of said can body, a plunger secured upon the upper end of said rod and movable in said can body, nuts secured upon the lower end of said rod and engaging opposite faces of said raised portion, and a spring encircling said rod and confined between the bottom of said can body and the upper face of said raised portion.

2. A dispensing can, including a cylinder open at its upper end and closed at its lower end, a can body vertically movable in said cylinder and equipped at its upper end with a delivery spout, a removable bottom closing the lower end of said can body, a vertical plunger rod having its lower end extended through the closed end of said cylinder and its upper end extended upwardly through the removable bottom of said can body, a plunger removably secured upon the upper end of said rod and movable in said can body, nuts threaded upon the lower end of said rod and engaging opposite sides of the lower closed end of said cylinder, and a spring encircling said rod and engaging the removable bottom of said can body to retain the latter in an elevated position adjacent the upper end of the cylinder.

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

JOHN J. DRURY.

Witnesses:
FERN FERGUS,
F. V. FLINN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."