

(No Model.)

G. A. RAWHOUSER.  
OIL CAN.

No. 586,781.

Patented July 20, 1897.

Fig. 1.

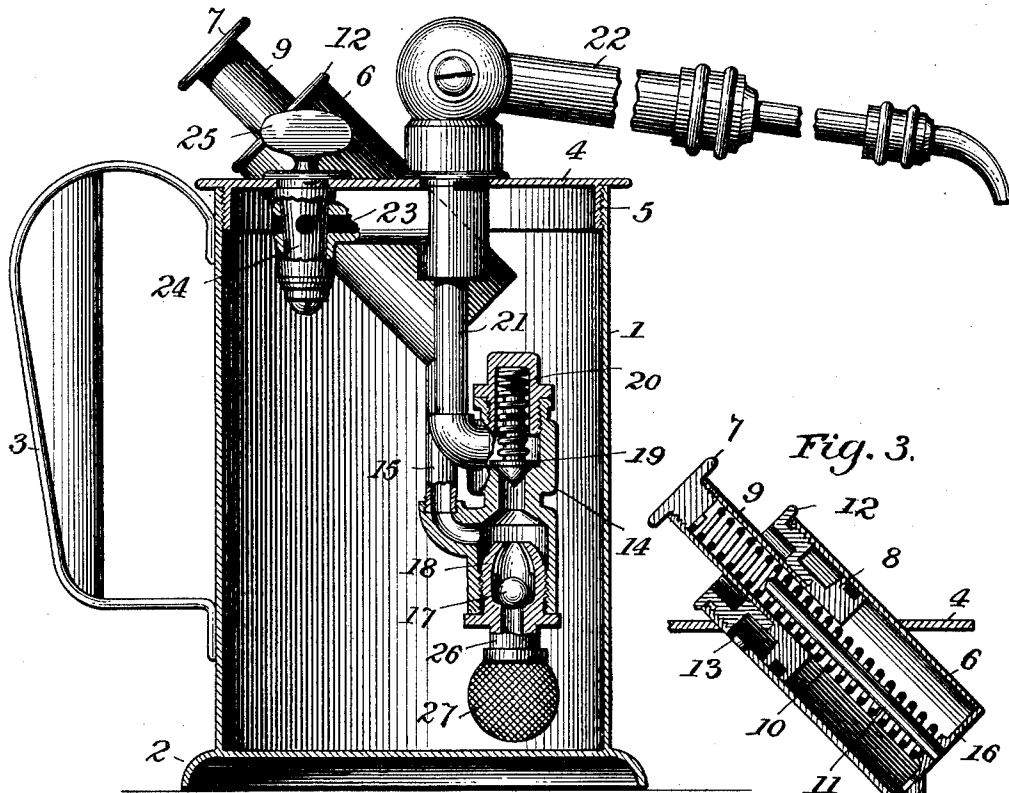


Fig. 3.

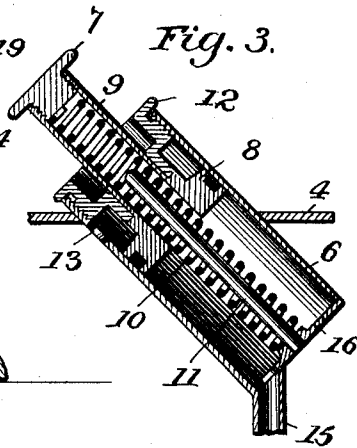
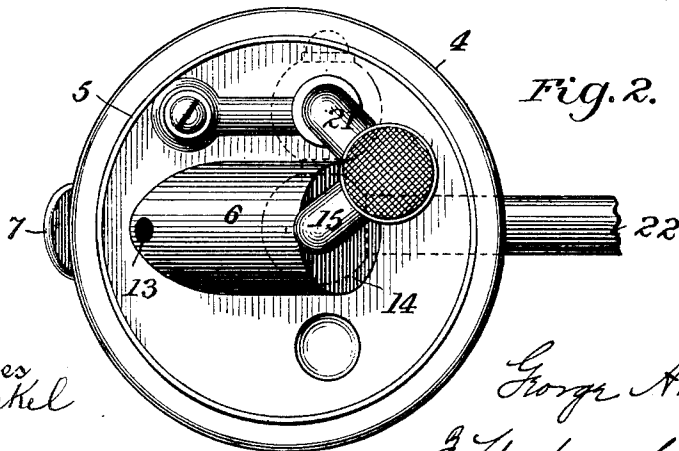


Fig. 2.



Witnesses  
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# UNITED STATES PATENT OFFICE.

GEORGE ANDREW RAWHOUSER, OF YORK, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS TO JAMES A. DALE AND LEWIS B. WAMPLER, OF SAME PLACE.

## OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 586,781, dated July 20, 1897.

Application filed September 15, 1896. Serial No. 605,862. (No model.)

*To all whom it may concern,*

Be it known that I, GEORGE ANDREW RAWHOUSER, a citizen of the United States, residing at York, in the county of York and State of Pennsylvania, have invented certain new and useful Improvements in Oil-Cans, of which the following is a specification.

This invention relates to improvements in oil-cans for oiling engines or other machinery; and it consists in improvements in the construction of the oil-can for which Letters Patent No. 522,087 were granted to me on June 26, 1894. These improvements will be fully described in the following specification, in connection with the accompanying drawings, in which—

Figure 1 is a side elevation, the can-body and parts of the valve-casings being shown in section. Fig. 2 is a bottom plan view of the cover and the parts connected to it, and Fig. 3 is a central sectional view of the pump cylinder and piston.

Referring to the drawings, 1 indicates the can-body, which is provided with a suitable base 2 and handle 3. The lid 4 is connected with the body by a tight joint 5 of suitable construction, preferably a screw-threaded joint. The several operating parts are mounted upon the lid and removable with it, so that they can be readily reached for purposes of cleaning and repairing.

The pump-cylinder 6 is located partially above and partially below the cover 4, and it is inclined upwardly and toward the handle 3, so that the push-button 7, which operates the piston, will be in a convenient position to be reached by the thumb when the handle 3 is grasped. The piston 8 is provided with a hollow piston-rod 9, upon the outer end of which is the push-button 7. Within the piston-rod is a spiral spring 10, which extends from the base of the cylinder to the push-button 7. This spring keeps the piston normally raised to its highest position. In order to guide the spring and prevent it from buckling, I provide a post 11, which is rigidly attached to the lower cylinder-head and extends centrally up through the cylinder into the piston-rod 9, the lower end of the spring 10 surrounding the post. The upper end of the cylinder is provided with a removable head 12, which also forms a guide and stop for the piston-rod. A vent-hole 13 affords communication between the interior of the can and

the cylinder-space above the piston. This permits any oil which leaks past the piston to run back into the can, and it also prevents the formation of a vacuum in the rear of the piston when the latter is pressed down.

The pump-cylinder is connected to a valve-casing 14 by means of a pipe 15, which communicates with an opening in the lower cylinder-head 16. In the valve-casing 14 are two check-valves, as usual, the lower valve being a ball 17, partially confined in a cage 18, and the upper valve being a cone 19, which is seated by means of a spring 20. The pipe 15 communicates with the valve-chamber between the valves, and a delivery-pipe 21 leads from that portion of the valve-chamber above the valve 19 up to the spout 22. The spout is preferably constructed in a manner similar to that described in the patent above referred to, being extensible and also hinged so that it can swing vertically. From the delivery-pipe just below the cover there is a return-passage 23, by means of which the oil remaining in the spout is permitted to return to the can. This passage 23 is controlled by a valve 24, having a thumb-piece or handle 25. The suction-pipe 26 is preferably provided with a strainer 27 to prevent dirt from getting into the valve-chamber.

So far as the present invention is concerned the particular construction of the several valves and the spout is immaterial, my present improvement relating particularly to the construction of the several parts of the cylinder and piston.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

In an oil-can, the combination with the can-body, the cover, the delivery-spout, and the valves, of the cylinder supported in the cover, the piston, the hollow piston-rod, the post centrally supported by the lower cylinder-head, and the spiral spring surrounding the post and within the piston-rod, said spring being guided by said post and rod, substantially as described.

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

GEORGE ANDREW RAWHOUSER.

Witnesses:

T. B. LOUCKS,  
AUGUSTUS LOUCKS.