R. L. ROSS.

POCKET OILER.

APPLICATION FILED APR. 24, 1913.

1,089,500.

Patented Mar. 10, 1914.

Fig. 1.

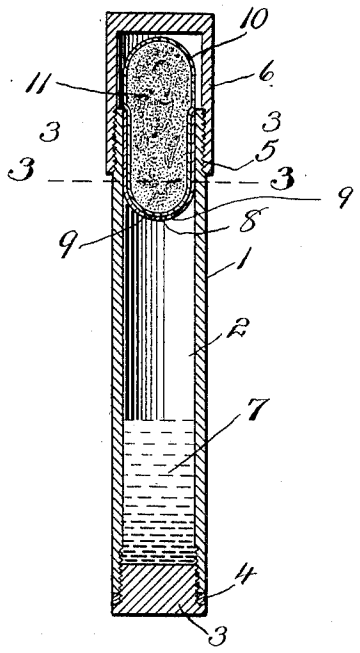


Fig. 2.

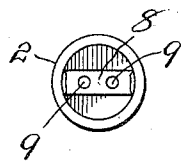


Fig. 3.

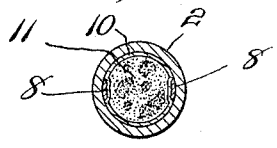
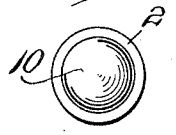


Fig. 4.



Witnesses

T. P. Britt

E. C. Duffy

Inventor

R. L. Ross

By O. C. Duffy & Son

Attorneys

UNITED STATES PATENT OFFICE.

RICHARD LAFFEYETTE ROSS, OF PASCO, WASHINGTON.

POCKET-OILER.

1,089,500. Specification of Letters Patent. Patented Mar. 10, 1914.

Application filed April 24, 1913. Serial No. 763,363.

To all whom it may concern:

Be it known that I, RICHARD LAFFEYETTE ROSS, a citizen of the United States, residing at Pasco, in the county of Franklin and State of Washington, have invented certain new and useful Improvements in Pocket-Oilers; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to lubricators but more particularly to a pocket oiler and has for its object to provide a device of this class which can be easily and conveniently carried in the pocket for the purpose of oiling or lubricating surfaces, bearings or the like.

A further object of the invention is to provide a simple and efficient pocket oiler which is so constructed and arranged that any water and foreign matter is retained within the oiler and prevented from being supplied to the surface or element to be lubricated.

With these objects in view the invention consists in the novel construction of the oiler and particularly in the novel construction and arrangement of the chamois bag containing a sponge or other similar element for the purpose of introducing the lubricating fluid to the surface or element to be lubricated.

The invention further consists in certain other novel details of construction and in combinations of parts, all of which will be first fully described and afterward specifically pointed out in the appended claim.

Referring to the accompanying drawing: Figure 1 is a vertical sectional view taken through a pocket oiler constructed in accordance with this invention. Fig. 2 is a top plan view of the base of the oiler with the chamois bag removed. Fig. 3 is a transverse sectional view through the base of the oiler taken on line 3—3 of Fig. 1, and Fig. 4 is a top plan view of the oiler with the top or cap removed.

Like numerals of reference indicate the same parts throughout the several figures in which:

1 indicates the oiler which comprises the cylindrical base or body 2 having the open bottom end closed by a threaded cap 3, a gasket of rubber or other suitable material 4 being provided under the cap 3 in order to effect an oil tight closure. The upper end of the body 2 is externally threaded at 5 to receive a threaded cap 6 which prevents leakage, the oil, indicated by the numeral 7, being contained within the body 2 in the manner as shown in Fig. 1. Arranged in the upper end of the body 2 is a U-shaped strap 8 which is provided with a plurality of perforations 9 as shown in Fig. 2.

10 indicates a chamois bag elongated and of the shape and form as shown in Fig. 1, which bag 10 is of a size to snugly fit within the upper end of the body 2 in the manner as shown in Figs. 1 and 2, the bottom end of the chamois bag 10 resting in the U-shaped strap 8 in the manner as shown in Fig. 1, said strap 8 supporting the said bag properly in position and preventing excessive entrance of the said chamois bag 10 within the body 2 in the manner as shown in the accompanying drawing. Within the chamois bag 10 I preferably provide a core or filling 11 of sponge or other absorbent material which is of sufficient consistency and effectually holds the chamois bag 10 properly in its operative position within the end of the body 2.

Having thus described the several parts of this invention its operation is as follows: The body 2 being filled with oil through the bottom cap or plug 3 upon inversion of the oiler the oil 7 comes in contact with the chamois bag 10 saturating the same and causing the oil to percolate through the bag and to be absorbed by the sponge or similar filling 11. Upon removal of the top or cap 6 it is simply required to wipe or touch a surface to be lubricated with the outer end of the chamois bag 10 which effects a proper lubrication and prevents an undue amount of lubricating fluid from being deposited on the surface to be lubricated. A further advantage of this construction is that any water or foreign matter which may be contained in the oil 7 is prevented from entering the sponge filling 11 for the reason that any such foreign or injurious matter cannot pass through the chamois bag 10. Consequently in the use of this oiler it is at all times assured that no injurious or foreign matter can be deposited on the surface to be lubricated as frequently happens

with the use of oilers of usual construction. Furthermore by reason of the arrangement providing for the open ends of the body 2 the oiler can be quickly and easily taken apart for cleaning in such manner that the oiler is free from dirt and impurities and can be at all times maintained in a serviceable condition.

Having thus fully described the invention what I claim as new and desire to secure by Letters Patent of the United States is:—

An oiler comprising a cylindrical body, a cap for the same, a U-shaped strap in the capped end of said body, a cylindrical elongated bag of suitable flexible material arranged in the capped end of the said body and received by the said U-shaped strap, a suitable filling of absorbent material within the said elongated cylindrical flexible bag to receive oil from the said body, the whole arranged in such manner that the oil received by the said elongated flexible bag and its said absorbent filling is deposited from the said oiler at the outer end of said elongated flexible bag, substantially as described.

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

RICHARD LAFFEYETTE ROSS.

Witnesses:

R. B. McFARLAND,

I. H. SANDAGE.

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