

March 9, 1937.

J. H. HOLDER

2,073,303

FLEXIBLE OILER

Filed Oct. 14, 1935

Fig. 4.



Fig. 3.

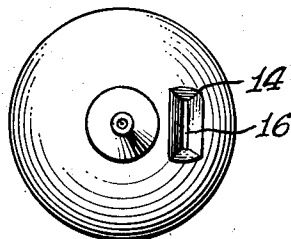


Fig. 1.

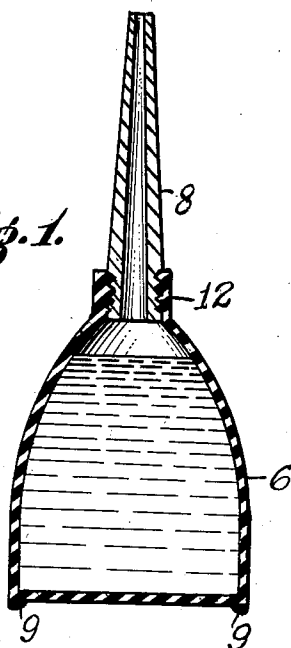


Fig. 2.

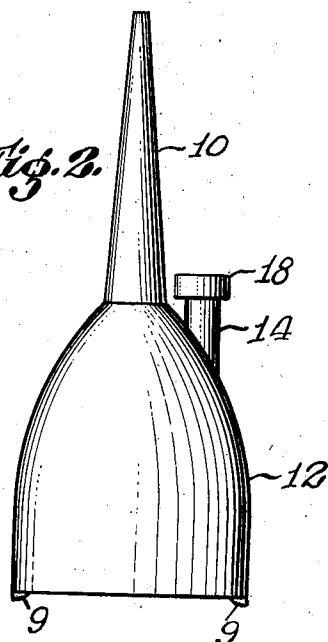


Fig. 5.

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UNITED STATES PATENT OFFICE

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FLEXIBLE OILER

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1 Claim. (Cl. 221—43)

This invention relates to new and useful improvements in oilers and has for the primary object the provision of means whereby the operator may easily and quickly operate the device.

5 The principal object of the invention is the provision of an oiler with a metal spout in combination with a rubber base, for the purpose of overhead oiling, so that the operator may squeeze the oiler base and force the oil upward and out through the metal spout, particularly in places where lack of space makes it impossible to invert the conventional type of metal oilers, which must be inverted to secure a flow of oil.

10 Another object is the provision of means to couple the metal spout to the rubber base and means for disconnecting said metal spout from said rubber base to facilitate the filling and re-filling.

15 Another object is the provision of an elongated rubber spout to enable the operator to bend same to any desired curve in operation.

20 Another object is the provision of an orifice with inturned lips to prevent leakage when in operation, said projection being provided with a cap.

25 Another object is the provision of a rubber oiler or an oiler with a rubber base which will stand rough usage, which the general run of oilers get, without breaking, kinking or denting same.

30 With these and other objects in view, as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combinations and arrangements of parts, as will be hereinafter more fully described and claimed.

35 For a complete understanding of my invention, reference is to be had by the following description and accompanying drawing in which:

40 Figure 1 is an elevation in section of my device, showing the metal spout and rubber base connected by a screw thread.

45 Figure 2 is a modification of same made all of rubber and provided with a projection with an opening for filling same.

Figure 3 is a plan view of Figure 2 with the cap removed from the filling projection, showing the orifice.

Figure 4 is a sectional view of the orifice showing the inturned lips and taken through the longitudinal center of said orifice.

Figure 5 is a longitudinal section of the cap which fits on the projection and cover for orifice.

Referring to the drawing, throughout which 5 like reference numerals designate like parts, 6, in Figure 1, designates the rubber oiler base which is coupled to a metal spout 8 by a screw thread at 12 and may be disconnected for filling 10 purposes. The oiler base may be made by vulcanizing the bottom at 9—9 in Figure 1, also at 9—9 in Figure 2. Referring to Figure 2, 10 indicates the rubber spout and is an integral part thereof, 12 is the oiler base, 14 is the filling projection which is provided with an elongated slot 15 16 as shown in Figure 3, and an orifice with inturned lips 17 as shown in Figure 4, 18 in Figure 2 is a removable cap.

20 In operation, Figure 1, remove the metal spout 8 for filling the oiler; when filled screw metal spout into base 6 at 12; when desiring lubrication squeeze base 6 which in turn will force the lubricant up and out of metal spout 8. Figure 2 is filled by pressing on the longitudinal ends of projection 14 to open orifice 16 and when filled the same method for lubricating is used as is described in Figure 1.

25 While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention as defined by the appended claim.

30 Having thus described my invention, what I claim as new and useful and desire to secure by Letters Patent is:

35 In a flexible oiler of the class described, comprising a bulbiform rubber housing, an elongated flexible spout connected thereto, to enable the operator to bend the latter to any desired curvature in operation; said housing being provided 40 with a projection, the latter being provided with an opening for filling same, said opening being provided with inturned lips for closing the opening by oil pressure, and a cap to prevent leakage. 45

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