P. HALE.

OILING DEVICE.

APPLICATION FILED FEB. 10, 1919.

1,311,068.

Patented July 22, 1919.

Fig. 1.

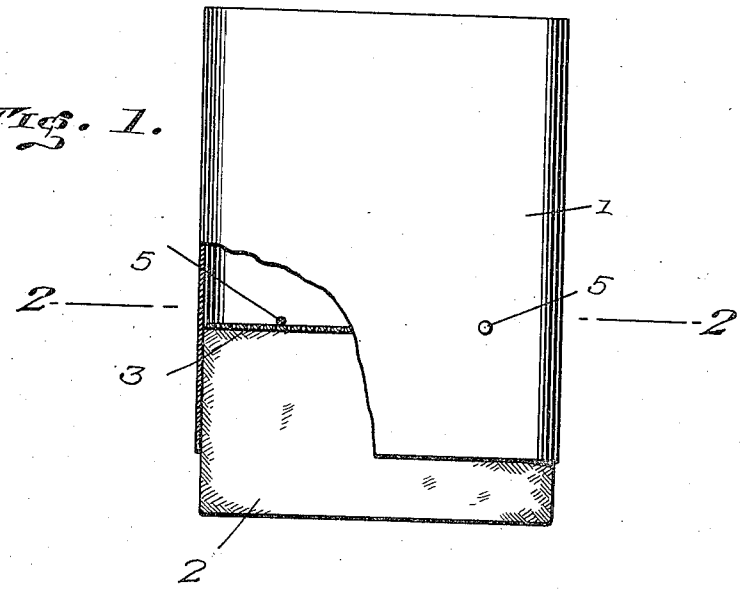


Fig. 2.

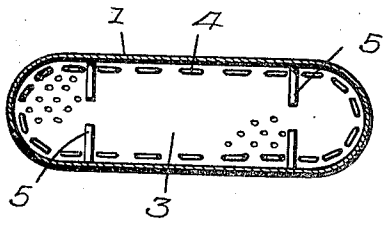


Fig. 3.

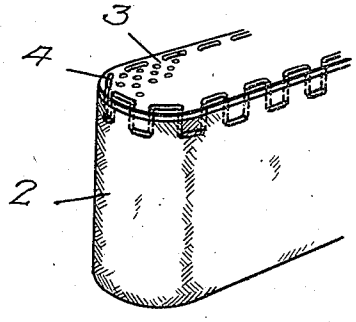
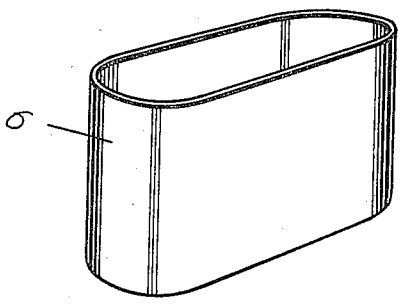


Fig. 4.



WITNESS:

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UNITED STATES PATENT OFFICE.

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OILING DEVICE.

1,311,068. Specification of Letters Patent. Patented July 22, 1919.

Application filed February 10, 1919. Serial No. 276,074.

To all whom it may concern:

Be it known that I, PATRICK HALE, a citizen of the United States, residing at Lexington, in the county of Fayette and State of Kentucky, have invented certain new and useful Improvements in Oiling Devices; and I do hereby 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.

The present invention relates to devices or swabs for applying oil and other liquids in a thin film on various surfaces, and aims to provide a novel and improved device of that character which is of simple and inexpensive construction, and which can be readily manipulated.

A further object is the provision of such a device including an oil or liquid chamber or reservoir and an absorbent pad for applying the oil, and including a novel assemblage of the component elements to enhance the utility and efficiency of the device.

With the foregoing and other objects in view, which will be apparent as the description proceeds, the invention resides in the construction and arrangement of parts as hereinafter described and claimed, it being understood that changes can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein:—

Figure 1 is a side elevation of the device, portions being broken away.

Fig. 2 is a cross section taken on the line 2—2 of Fig. 1.

Fig. 3 is a fragmentary perspective view of the pad or swab.

Fig. 4 is a perspective view of the cap.

In carrying out the invention, there is provided a casing 1 open at one end, and preferably of oblong or elongated cross section, providing a chamber or reservoir for the oil or other liquid, and a pad or swab 2 of felt, or other suitable absorbent material, is fitted within the open end portion of the casing and projects therefrom, so that the liquid is absorbed by said pad or swab from the reservoir to be applied in a thin film to the surface over which the pad is moved.

In order to provide for the effective connection of the casing and pad, and to permit of the easy removal and insertion of the pad, there is provided a plate 3 of a shape to fit snugly within the casing 1, and apertured throughout so that said plate forms a screen or sieve, and this apertured plate or screen 3 is fitted against the inner side of the pad or swab 2 and is secured thereto, such as by stitching 4 threaded through the marginal portion of the plate 3 and through the corner portion of the pad, as seen in Fig. 3. The plate 3 thus provides a rigid inner portion for the pad or swab, to hold same in shape and to permit the pad to be readily inserted into the casing. This plate 3 also serves to regulate the liquid flow from the reservoir to the pad, because the oil must flow through the apertures of the plate, and this will avoid the excessive absorption of liquid by the pad.

Pins or lugs 5 are secured to the walls of the casing and serve as stops for the pad, to limit the insertion of the pad and to assist in holding the parts in the desired position, it being noted that when the pad is inserted, the plate 3 will come to rest against said pins or stops 5.

A cap 6 can be provided to fit slidably over the open end of the casing 1 to inclose the pad and protect the same from dust and dirt when the device is not in use, and this pad can be readily slipped off of the casing when it is desired to use the device. The casing is readily filled by withdrawing the pad, and the casing when turned with its open end uppermost, is preferably filled to a level up to the pins or stops 5, which serve as a gage, so that when the pad is inserted, the inner portion thereof will be moved to the level of the liquid. It is also preferable to dip the pad in the liquid, so as to start the flow thereof through the pad, before using the device. It will be evident that the device can be used for applying oil or other liquids to various surfaces, and for different purposes.

Having thus described the invention, what is claimed as new is:—

1. A device of the character described embodying a casing, a pad fitting within the casing, and rigid means at the inner portion of the pad fitting within the casing.

2. A device of the character described embodying a casing having an open end, an absorbent pad fitting within said end of the casing, and rigid means for the inner portion of the pad fitting removably within the casing.

3. A device of the character described embodying a casing having an open end, an absorbent pad fitting within said end of the casing, rigid means for the inner portion of the pad fitting removably within the casing, and stops carried by the casing against which said means is seatable when inserted.

4. A device of the character described comprising a casing having an open end, an absorbent pad fitting within said end of the casing, and an apertured plate attached to the inner portion of the pad to fit within the casing.

5. A device of the character described embodying a casing having an open end, an absorbent pad fitting within said end of the casing, and an apertured plate secured to the inner portion of the pad to fit within the casing, said casing having stops against which said plate is seatable when inserted.

6. A device of the character described embodying a casing having an open end, an absorbent pad to fit within said end of the casing, and an apertured plate for the inner portion of the pad, a corresponding portion of the pad being secured to the plate to facilitate insertion of the pad into the casing.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PATRICK HALE.

Witnesses:
KING H. WEBB,
E. W. SHEPHERD.

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