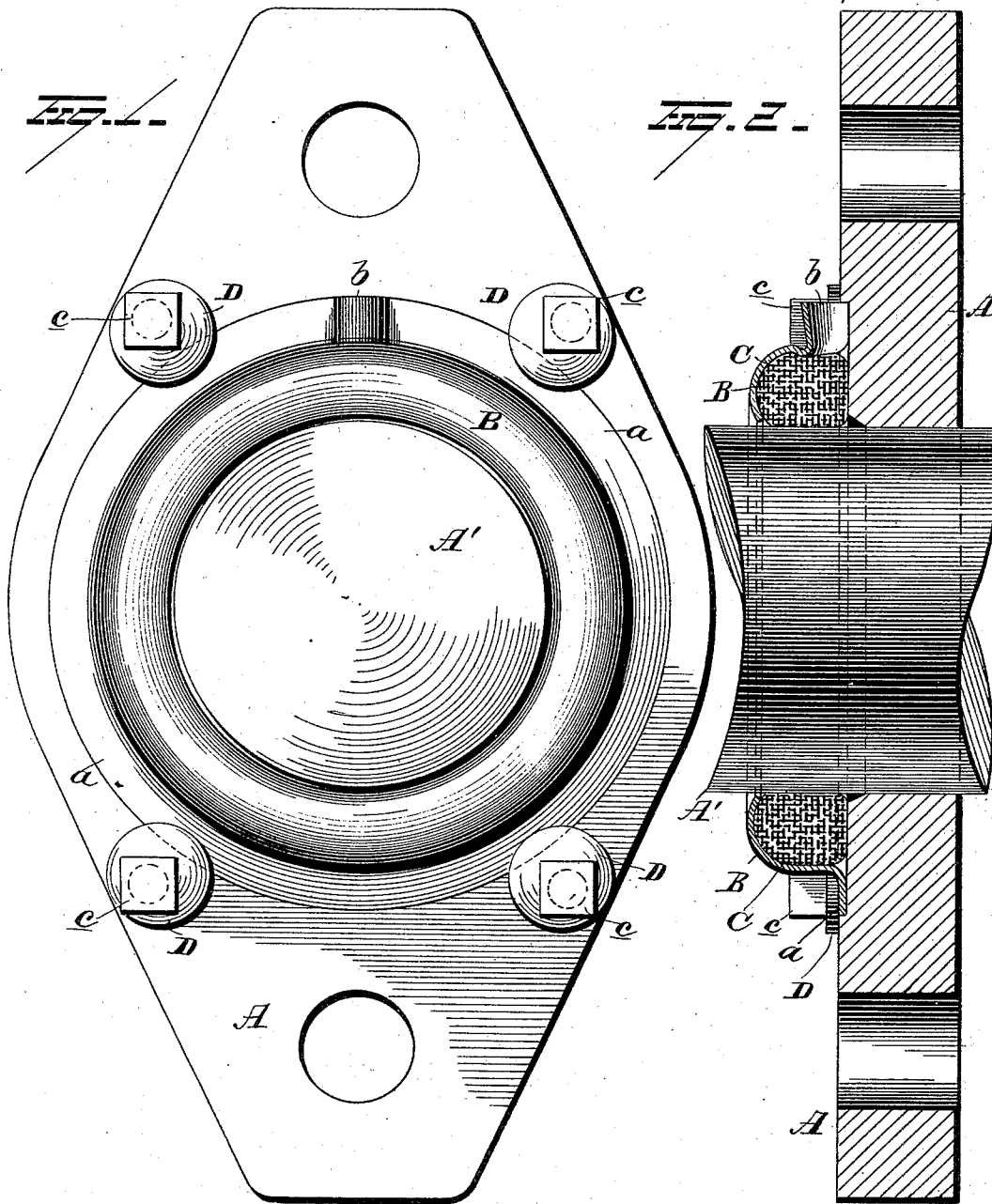


(No Model.)

C. C. JEROME.
LUBRICATOR GLAND.

No. 470,397.

Patented Mar. 8, 1892.



Witnesses
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CHARLES C. JEROME, OF CHICAGO, ILLINOIS.

LUBRICATOR-GLAND.

SPECIFICATION forming part of Letters Patent No. 470,397, dated March 8, 1892.

Application filed March 21, 1891. Serial No. 385,850. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. JEROME, a citizen of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Lubricator-Glands; 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.

My invention relates to an improvement in lubricator-glands.

Heretofore it has been proposed to secure oiling devices to the gland of the stuffing-box by means of screws; but this is found to be objectionable on account of the expense of construction and on account of its constant liability of working loose and unscrewing from the jar of the engine. Then, again, the screw-cap is not adjustable, and the oil-hole has to be in one place and cannot be turned around, as the screw has to be set up very tight to prevent its working loose, and as the construction of engines differs the oil-hole in the lubricator has to be placed to suit the location of the guides.

It is the object of my present invention to obviate the objections heretofore encountered and to so construct the lubricator that it may be affixed to the outside of the gland of the stuffing-box without the necessity of screwing it in place.

A further object is to so construct a lubricator and affix it to the gland that it may be readily turned, so that the oil-hole may be located at any point desired, whereby the device may be used on devices of different constructions.

A further object is to produce a lubricator adapted to be secured to the outside of the gland in such manner that the lubricating-swab may be accessible for repair or renewal without the necessity of loosening or unscrewing the main parts of the gland.

With these objects in view the invention consists in the combination, with a gland, of a cap located on the outside of said gland, a swab held in place by said cap, and means for holding said cap in place.

The invention also consists in the combination, with a gland, of a cap secured to the outside thereof, said cap being provided with

an oil-hole, a lubricating-swab held in place and adapted to be inclosed by said cap, and means for holding said cap in place; and the invention also consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view of my improvement, illustrating the parts assembled. Fig. 2 is a sectional view of the same.

A represents the gland, and A' a piston rod or journal. The exterior face of the gland is preferably recessed for the reception of the flange *a* of an annular cap B, the body of said cap being made curved in cross-section and adapted to protrude outwardly somewhat from the gland. The cap thus formed is adapted to receive and inclose an annular lubricating-swab C, to which oil is supplied through a suitable oil-hole *b*, and by means of which the piston rod or journal A' is lubricated. A series of four (more or less) screw-threaded sockets is made in the gland A for the reception of headed screws *c*, and placed on said screws between the heads thereof and the gland is a series of eccentric washers D, adapted to normally overlap the flange *a* of the cap B, and thus hold said cap in place.

By constructing and attaching the device in the manner above set forth it will be seen that it can be turned so as to bring the oil-hole in any desired position to meet the exigencies of the case. Then, again, one great point of advantage of my improved lubricator is that it is held on the outside of the gland by means of eccentric washers, so that by one turn of the screws the washers can be turned around and the cap removed to repair or renew the lubricating-swab without disconnecting the gland or unscrewing any of the main parts of the gland.

The device is very economical, as there is not a drop of oil wasted, whereas in the use of oil-cups the oil is in a great measure blown away, either by leakage of steam or by the wind.

The lubricating-swab is composed of a sheath-wicking, which is not liable to get hard, and, being situated on the outside of the gland, where it is always cool, it never gets burned.

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

1. The combination, with a gland, of a cap
5 having an outwardly-projecting flange thereon and eccentric buttons mounted at points adjacent to the flange and adapted to be turned over the flanges, substantially as set forth.

2. A lubricator consisting of an annular cap
10 constructed to receive and retain a swab, said cap having an outwardly-projecting flange,

by which it is secured in place on the gland, this flange having an oil-hole formed therein, substantially as set forth.

In testimony whereof I have signed this 15 specification in the presence of two subscribing witnesses.

CHARLES C. JEROME.

Witnesses:

GEO. C. JEROME,
MARY B. TAYLOR.