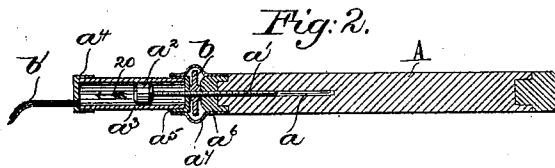
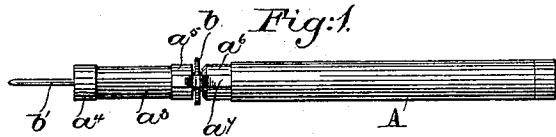


(No Model.)

L. F. GUYOTT.
OILER.

No. 454,001.

Patented June 9, 1891.



Witnesses.

Fred. S. Guin of
Edgar A. Goddin

Inventor.

Lezian F. Guyott,

by Lemby Gregory

attys

UNITED STATES PATENT OFFICE.

LEZIAM F. GUYOTT, OF MALONE, NEW YORK, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO HENRY COWAN, OF BOSTON, MASSACHUSETTS.

OILER.

SPECIFICATION forming part of Letters Patent No. 454,001, dated June 9, 1891.

Application filed August 4, 1890. Serial No. 360,870. (No model.)

To all whom it may concern:

Be it known that I, LEZIAM F. GUYOTT, of Malone, county of Franklin, State of New York, have invented an Improvement in Oilers or Lubricating-Instruments, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to provide an oiler or lubricating-instrument of novel construction, as will be described, especially adapted, among other things, to be used for oiling the finer class of machinery, such as watches, clocks, &c.

My invention therefore consists in the herein-described oiler, consisting of a handle, an independent cylinder provided with a discharge-outlet and secured to said handle in line therewith, a piston or plunger in said cylinder having its piston-rod extended into said handle, and means intermediate of the cylinder and handle to produce reciprocation of the piston, substantially as will be described.

Figure 1 is a top or plan view of an oiler or lubricating-instrument embodying my invention, and Fig. 2 a longitudinal section of the instrument shown in Fig. 1.

A represents the handle of my improved instrument, which may be of rubber, wood, or other suitable material. The handle A is provided with a longitudinal central socket or opening a , extended from one end of the handle, preferably to near the center thereof, into which is fitted the piston-rod a' of a piston or plunger a^2 , located in a cylinder a^3 , preferably of glass, the said cylinder being closed at its opposite ends, as herein shown, by metallic caps a^4 a^5 , the metallic cap a^5 being secured to a metallic ferrule or collar a^6 by metal bands or arms a^7 . The piston-rod a' is screw-threaded and has mounted upon it between the metallic cap a^5 and the end of the handle A a disk or wheel b , provided with

a screw-threaded hub to engage the screw-threads of the piston-rod a' . The metal bands a^7 are preferably bent outward, as shown in the drawings, to enable a substantially large disk or wheel b to be employed. The metallic cap a^4 is provided, as herein shown, with a nozzle b' . The piston or plunger a^2 is reciprocated in its cylinder a^3 by turning the wheel b , and when the wheel is turned so as to move the piston in the direction of arrow 20, Fig. 2, the oil in the cylinder is forced out through the discharge-nozzle b' , and when the cylinder a^3 has been emptied of oil the wheel may be rotated in the opposite direction to move the piston a^2 in the direction opposite to that indicated by arrow 20 to fill the cylinder with oil. The quantity of oil discharged through the nozzle b' may be controlled to a nicety, and in oiling fine machinery—such for instance, as the delicate mechanism of a watch—this is an important feature.

My improved oiler or lubricating-instrument, while especially adapted to be used for the nicer and finer class of mechanism, can be made of sufficient size to be used with larger mechanism, if desired.

I claim—

The herein-described oiler, consisting of a handle provided with a socket a , a cylinder secured to said handle and provided with a discharge-outlet, a piston or plunger in said cylinder, having a screw-threaded piston-rod extended into said socket, and a threaded disk or wheel b , mounted on said threaded piston-rod between the said cylinder and handle, substantially as described.

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

LEZIAM F. GUYOTT.

Witnesses:

M. E. McCLARY,
JOHN S. BIZEL.