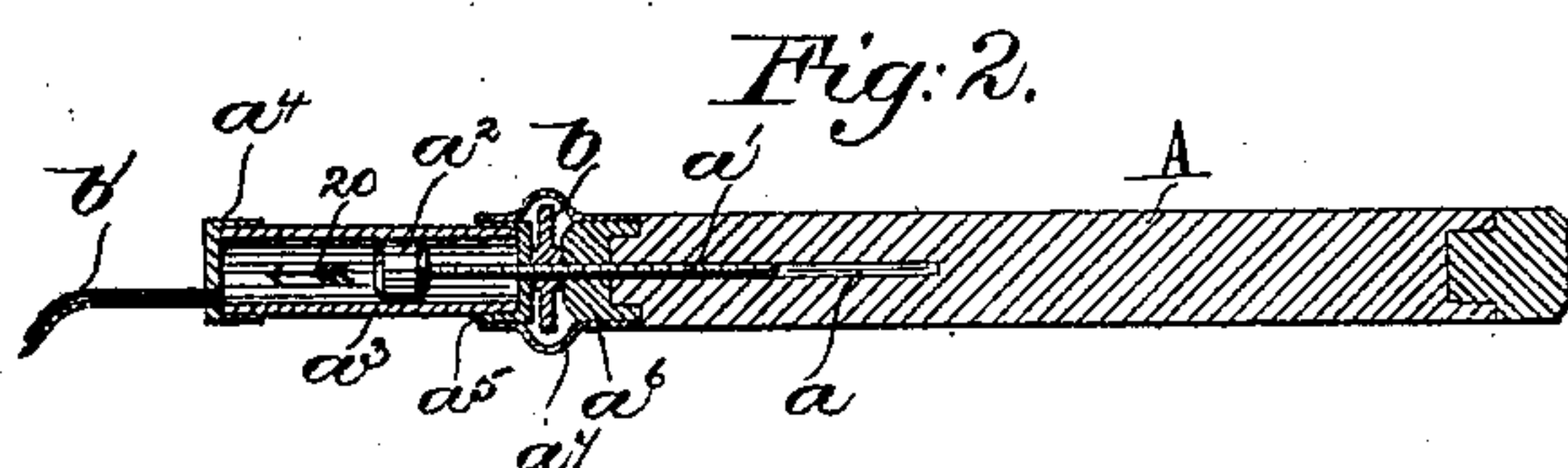
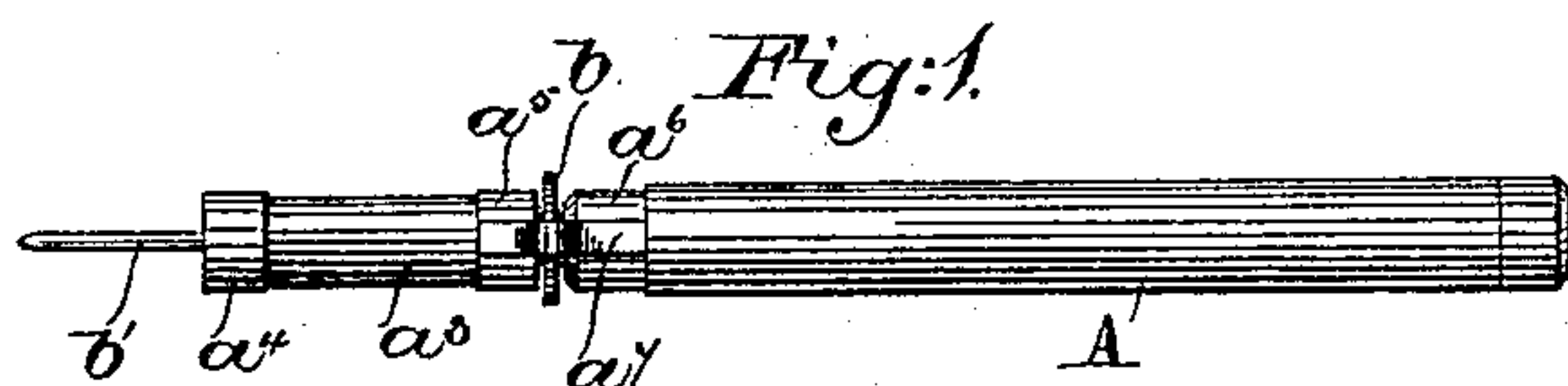


(No Model.)

L. F. GUYOTT.
OILER.

No. 454,001.

Patented June 9, 1891.



Witnesses.

*Fred. S. Quinn of
Edgar A. Goddard*

Inventor.

*Lezian E. 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, MASSA-
CHUSETTS.

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
5 Oilers or Lubricating-Instruments, of which
the following description, in connection with
the accompanying drawings, is a specifica-
tion, like letters on the drawings representing
like parts.

10 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
15 watches, clocks, &c.

My invention therefore consists in the
herein-described oiler, consisting of a handle,
an independent cylinder provided with a dis-
charge-outlet and secured to said handle in
20 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 de-
25 scribed.

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

30 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
35 handle, preferably to near the center thereof,
into which is fitted the piston-rod a' of a pis-
ton 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,
40 by metallic caps a^4 a^5 , the metallic cap a^5 be-
ing 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
45 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 substan-
tially large disk or wheel b to be employed. 50
The metallic cap a^4 is provided, as herein
shown, with a nozzle b' . The piston or plun-
ger 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 direc- 55
tion of arrow 20, Fig. 2, the oil in the cylin-
der is forced out through the discharge-noz-
zle 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 60
 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 65
delicate mechanism of a watch—this is an im-
portant feature.

My improved oiler or lubricating-instru-
ment, while especially adapted to be used for
the nicer and finer class of mechanism, can 70
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 75
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 80
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 sub-
scribing witnesses.

LEZIAM F. GUYOTT.

Witnesses:

M. E. MCCLARY,
JOHN S. BIZEL.