

(No Model.)

F. GUNDORPH.
WATCH OILER AND HOLDER.

No. 261,340.

Patented July 18, 1882.

Fig. 1.

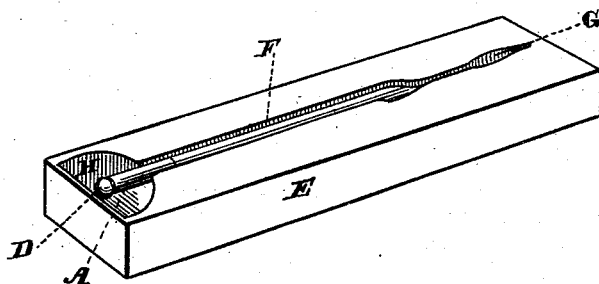


Fig. 2.

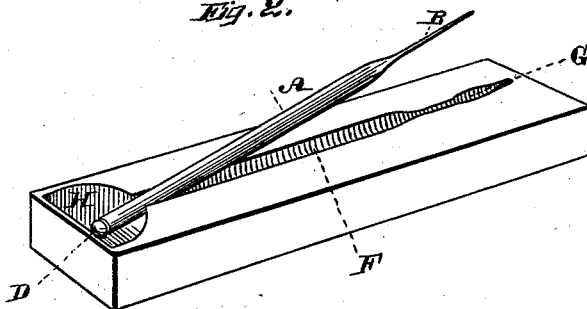
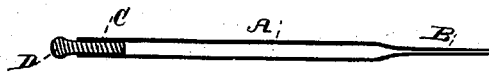


Fig. 3.



Witnesses,
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UNITED STATES PATENT OFFICE.

FERDINAND GUNDORPH, OF PORTLAND, OREGON.

WATCH OILER AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 261,340, dated July 18, 1882.

Application filed May 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND GUNDORPH, of Portland, county of Multnomah, State of Oregon, have invented a Watch Oiler and Holder; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a device for oiling watches and other minute mechanism and a holder in which it may be protected, and by the peculiar construction of which it may be easily removed when desired.

My invention consists of certain details of construction, as hereinafter fully described and specifically claimed.

The holder has a horizontal channel which conforms to the shape of the tube to a point near the head and thence it widens out, so that for a short distance the head or stopper end projects from the channel into this enlarged space. This space is deeper than the channel, so that by pressing upon the end of the oiler the opposite end will be tilted up, and it may be removed for use.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a view of my oiler within its case. Fig. 2 shows it tilted up so as to be seized and removed. Fig. 3 is a sectional view of the tube.

For the purpose of oiling watches and other delicate machinery and to keep the oil free from dust, &c., I employ a glass tube, A, having one end drawn down to a long slender capillary tube, B, like a fine needle, while the opposite end has an elongated cylindrical plug, C, fitting loosely into it, and provided with a round head, D, which prevents its slipping into the tube, but allows sufficient air to pass to let the oil flow in a minute quantity when the point is touched to the object. The oiler may be made of any other suitable material, and the tube B is long enough to enter between the wheels in a watch-movement.

In order to protect the delicate capillary tube

from breakage, I have constructed a holder or case, which consists of a horizontal box, E, having a longitudinal channel, F, through the center just large enough to receive the tube A, and as a continuation of it a smaller channel, G, which just receives the capillary tube B. At the opposite end the channel F is widened out and made deeper, so that the end of the tube containing the plug projects over this enlarged space H.

To use the oiler, the case is placed upon the bench with the point toward the right. The first finger of the right hand is then placed upon the knob or stopper D, and that end depressed into the enlarged cavity. This will raise the fine point and the body of the oiler out of the holder, so that it may be seized by the thumb and second finger and lifted out. When not in use it is entirely protected by the holder from breakage or damage, but can be taken out readily for use.

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

1. In combination with the tube A, with its capillary extension B and head D, the holder E, having channels F and G, and the enlarged space-H, forming a continuation of the channels, substantially as and for the purpose herein described.

2. A holder or case for the capillary tube A B, consisting of the channels F and G, corresponding with the two parts of the tube, and the enlarged extension or continuation H of said channels, substantially as and for the purpose herein described.

In witness whereof I have hereunto set my hand.

FERDINAND GUNDORPH.

Witnesses:

E. F. HOWES,
T. A. WOOD,
A. F. GARESCHÉ.