

W. H. Hart.

Oil Can.

N^o 47,896.

Patented May 23, 1865.

Fig: 1.



Fig: 2.

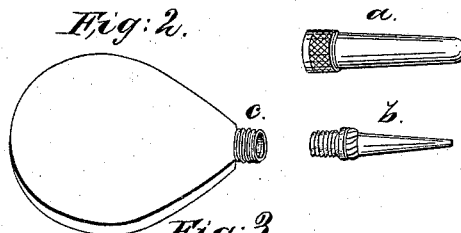
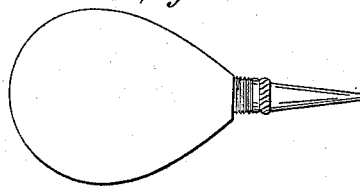


Fig: 3.



Witnesses:

Robert P. Rand
Geo. W. Smith

Inventor:

W. H. Hart

UNITED STATES PATENT OFFICE.

WILLIAM H. HART, OF MERIDEN, CONNECTICUT, ASSIGNOR TO HIMSELF
AND GILBERT ROGERS, OF SAME PLACE.

IMPROVED OILER.

Specification forming part of Letters Patent No. 47,896, dated May 23, 1865.

To all whom it may concern:

Be it known that I, WILLIAM H. HART, of Meriden, in the county of New Haven and State of Connecticut, have invented a new and Improved Oiler, intended more particularly as a pocket-oiler, and designed to be used by persons having artificial limbs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and the letters of reference marked thereon.

Figure 1 is a drawing of the oiler in its finished state, showing the oval form of the sides, together with the cap *a* in its place and covering the tube *b*. Fig. 2 shows the oiler with the tube *b* and the cap *a* detached. Fig. 3 represents the oiler with the cap *a* removed, and shows the same ready for use.

a shows the cap which covers the tube *b*.

b shows the tube through which the oil is ejected, the same being hollow, and having an opening in the top for the purpose of allowing the oil to escape.

c in Fig. 2 shows the nut into which the tube *b* fits, and upon which the cap *a* also fits, which nut has a thread cut upon its inside for the purpose of receiving the thread cut upon the bottom of the tube *b*, by which means the tube is securely held in its place. The nut *c* has also a thread cut upon its outside, upon which the cap *a* is screwed by means of a thread cut upon the inside of the bottom of the cap, which fits the nut on the outside, and by which the cap is held in its place.

Into the top of the cap *a*, I fit a piece of rubber or other suitable material, which shall press upon the top of the tube, when the cap is screwed to its place, so as to prevent the escape of the oil. I use a washer of leather or other suitable material, fitting to the shoulder of the thread cut upon the tube *b*, so that the same shall press upon the top of the nut *c*, thus preventing the escape of the oil at this point. I use a similar washer upon the nut *c* at the neck or point of contact of said nut with the body of the oiler, so that the bottom of the cap shall press upon the same when the cap is screwed to its place.

I make the sides of my oiler of any suitable metal having the requisite elasticity, and strike the same by means of a die, swage, or

in any other manner, so that each side shall be slightly oval or rounded out, as seen in Fig. 1. The side plates, after being formed substantially as described, I solder together, with a narrow band or strip of metal between the same, as shown in Fig. 2, or without such band, as may be most convenient. To the top or neck of said plates, soldered as described, I attach in any suitable manner, by soldering or otherwise, the nut *c*, having a thread cut upon both the inside and outside of the same to receive the tube *b* and the cap *a*, as described. The tube *b* and the cap *a*, as also the nut *c*, I make of any suitable material, and in any of the ordinary modes, so that the same shall answer the purpose for which they are severally designed. The cap *a* is hollow, and formed in such manner that the top shall be perfectly tight in order to prevent the escape of the oil when screwed to its place.

When the oiler is ready for use with the cap removed, as shown at Fig. 3, I force the oil through the tube *b* by pressure upon the sides of the oiler with the fingers, or in any suitable manner. When the cap is in its place, as shown by Fig. 1, it prevents the escape of the oil by the pressure of the rubber in the top of the cap upon the top of the tube, and also by the pressure upon the washer at the neck of the oiler, as described, and in this condition can be carried with safety in the pocket, or in any other manner, as may be convenient.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The construction of an oiler, substantially as described, having two oval sides, so that the double spring consequent upon the described construction of the same may be obtained, substantially as set forth.

2. The construction of an oiler with the double spring in the two sides, as claimed, in combination with the use of the rubber in the top of the cap, and pressing upon the tube, substantially as set forth, using for that purpose any suitable metal or material to accomplish the desired result, or that will produce the intended effect.

W. H. HART.

In presence of—

ROBERT P. RAND,
GEO. W. SMITH.