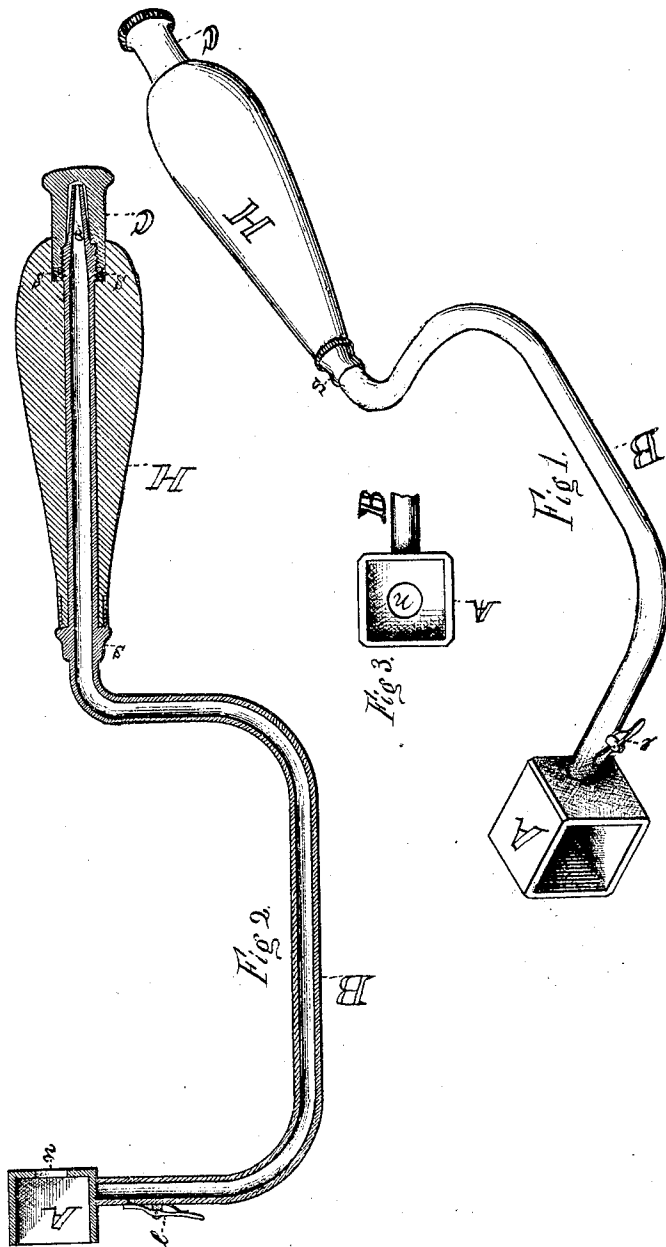


E. B. Gifford,

French & Oiler.

No. 112,238,

Patented Feb. 28. 1871.



Witnesses,

Erastus H. Cook

Henry Marsh

Inventor,

Edwin B. Gifford

United States Patent Office.

EDWIN B. GIFFORD, OF WESTPORT, MASSACHUSETTS.

Letters Patent No. 112,238, dated February 28, 1871; antedated February 22, 1871.

IMPROVEMENT IN WRENCHES AND OILERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, EDWIN B. GIFFORD, of Westport, county of Bristol and State of Massachusetts, have invented a new and improved Wrench and Oiler, of which the following is a specification.

In the drawing—

Figure 1 is an isometrical drawing.

Figure 2 is a longitudinal central section.

Figure 3 represents the socket with its opening.

Similar letters denote like parts in the drawing.

My invention relates to a combined wrench and oiler, which consists of a socket attached to a curved tube, and an annular handle also attached to the tube at its further end. This tube is also used as an oil-receptacle and at the outer end has a changeable nozzle with a cap or cover which fits over this nozzle when the oiler is not in use. On the tube at its lower end near the socket a spring-valve is attached. The socket has an opening on its inner side, so that it may slip over a projecting bolt and engage its nut.

In the drawing—

A represents the socket which engages and holds the nut.

B represents the curved tube and oil-holder with its nozzle *a* and cap C.

H represents the annular handle, which is retained in place by the shoulders S S on the tube B.

The spring-valve *e* is attached to the tube B near the socket A, and which, upon being pressed down,

opens and acts as a vent, allowing the oil to flow from the nozzle *a* in a free and steady stream.

The socket may be made of any required shape or size.

The opening *n* may also be made of any required size, only leaving enough of the inner face to prevent the nut from falling through when pouring oil.

The operation of the apparatus is as follows:

In order to remove a nut the socket is fitted upon it, and the handle being grasped with one hand, the nut is unscrewed by turning the wrench with the other hand applied to the tube between the handle and socket.

The oiler is used by removing the cap and inverting the wrench and pressing down the spring-valve.

Having thus fully described my invention,

What I claim therein as new and desire to secure by Letters Patent, is—

1. The combination and arrangement of the socket A, the curve B, and annular handle H, as described, and for the purpose specified.

2. The combination and arrangement of the curved tube B, spring-valve *e*, discharge nozzle *a*, and cap C, substantially as and for the purpose described.

EDWIN B. GIFFORD.

Witnesses:

ERASTUS H. COOK,
HENRY MARCH.