

(No Model.)

J. W. CUSHMAN.
OIL CAN HOLDER FOR BICYCLES.

No. 478,092.

Patented July 5, 1892.

Fig. 1.

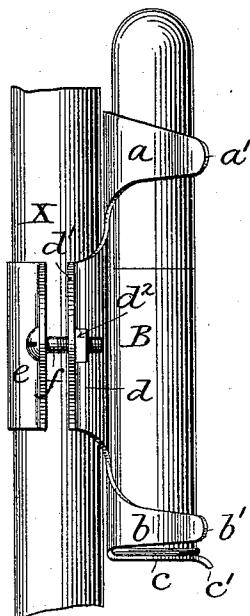


Fig. 2.

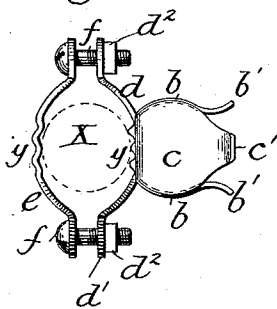
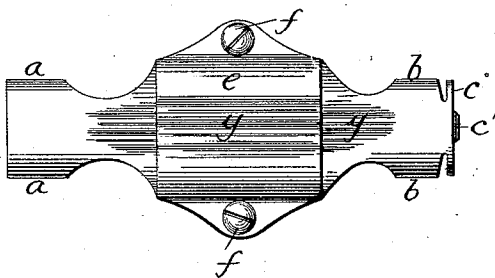


Fig. 3.



Witnesses:
Sidney P. Hollingsworth
B. Washington Miller

Inventor;
Joseph W. Cushman
by his attorneys
Adison Davidson & Light

UNITED STATES PATENT OFFICE.

JOSEPH W. CUSHMAN, OF NEW YORK, N. Y.

OIL-CAN HOLDER FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 478,092, dated July 5, 1892.

Application filed December 29, 1891. Serial No. 416,431. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. CUSHMAN, a citizen of the United States, residing in New York city, State of New York, have invented a new and useful Oil-Can Holder, of which the following is a specification.

My invention relates more especially to a holder adapted to receive and retain an oiler of an elongated cylindrical shape—such, for instance, as the oiler which is well known to the trade as the "Perfect" pocket oiler. It may, however, be modified in shape to hold oilers of other designs. The holder is adapted to be securely attached to bars of various diameter—such, for instance, as the handle or other bars of bicycles and tricycles. The holder is formed of sheet metal and has the general shape and characteristics described below and set forth in the accompanying drawings, in which—

Figure 1 is a side elevation, Fig. 2 a bottom end view, and Fig. 3 an elevation, of the rear side.

The holder proper is formed of a single piece of sheet metal having at one end a laterally-projecting portion *a* on each side, which are turned up toward each other, their main portions being preferably curved in the arc of a circle struck from a center located between them, so that they will be adapted to embrace an oiler that is of general cylindrical shape. Their outer ends *a'* are, however, curved in an opposite direction, so as to form a flaring opening to receive and guide the oiler B into its place. The opposite end of the holder is provided with similar projecting portions *b*, which are turned up in the same manner and have their ends *b'* similarly turned outward. The bottom of the holder is formed by a projecting portion *c*, that is turned up at right angles to the body of the holder and has its end *c'* slightly flared or curved outwardly. Between the parts *a b* on each side are projecting portions *d*, that are turned up toward each other in a direction the reverse of that in which the parts *a b* are turned, and their outer ends *d'* are left flat and in the same plane with each other. The parts *d* form one-half of the

socket or clamp that embraces the bar X, which may be the handle-bar of the bicycle. The opposite half of the clamp is formed by a separate piece of metal suitably curved and having its flat ends in the same plane. Clamping-bolts *f* pass through the ends of the plate *e* and through the parts *d'* of the holder. These latter parts may each be provided with a threaded metal hub *d²* to form a proper socket for the threaded bolt. Preferably the clamping-plate *e* and the back of the holder are corrugated, as shown at *g*, so that they will take a firm hold of the bar X, that is clamped between them. This construction also gives a certain amount of elasticity to the parts and enables them to adapt themselves to bars of different sizes.

A holder of this character may readily be struck up from sheet metal having the proper resiliency to receive and firmly retain the oiler B when it is snapped or pressed into its place, as shown in Fig. 1, and there will be no liability of its being loosened or displaced by the jarring or vibration of the bar to which the holder is attached. The side of the holder being open by reason of the portion *d* being turned outwardly, the oiler may readily be grasped and withdrawn from its socket.

I claim as my invention—

1. An oiler-holder made of sheet metal, comprising the forwardly-projecting pieces *a* and *b*, flaring at *a'* and *b'*, as described, and the portions *d* between the portions *a* and *b*, bent backwardly and formed with straight flat portions *d'*, in combination with the independent curved plate *e* and securing devices which attach it to the parts *d'*.

2. An oiler-holder made of sheet metal, comprising the forwardly-projecting pieces *a* and *b*, flaring at *a'* and *b'*, as described, the portions *d* between the portions *a* and *b* bent backwardly and formed with straight flat portions *d'*, and a bottom piece *c*, inclined at *c'*, as described, in combination with the independent curved plate *e* and securing devices which attach it to the parts *d'*.

3. An oiler-holder made of sheet metal and having the portions *a b c* bent up to form a

socket for the reception of the oiler, the intermediate portions *d*, bent in a reverse direction to form one part of the clamping-socket for the reception of the bar to which
5 the holder is to be attached, the corrugated plate *e*, forming the other portion of said socket, and the clamping-bolts.

In testimony whereof I have hereunto subscribed my name.

JOSEPH W. CUSHMAN.

Witnesses:

EDWARD C. DAVIDSON,
HARRY A. STARRETT.