(No Model.)

L. H. BANNISTER.

OIL CAN HOLDER FOR BICYCLES.

No. 449,460. Patented Mar. 31, 1891.

Fig. 1.

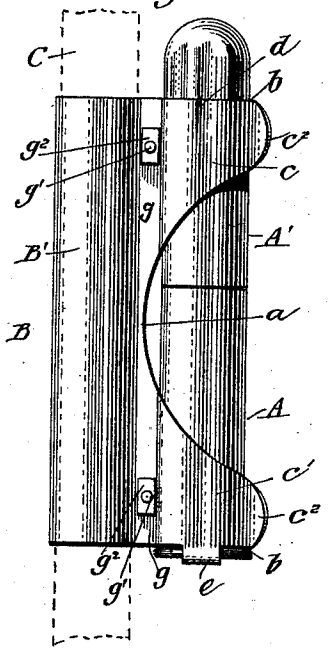


Fig. 2.

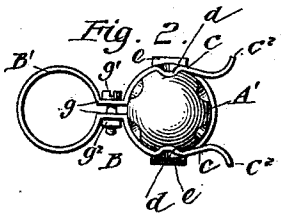
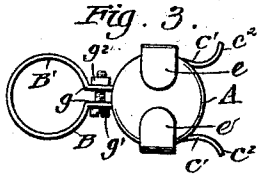


Fig. 3.



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OIL-CAN HOLDER FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 449,460, dated March 31, 1891.

Application filed August 7, 1890. Serial No. 361,298. (No model.)

To all whom it may concern:

Be it known that I, LORING H. BANNISTER, of Youngstown, in the county of Mahoning and State of Ohio, have invented a new and useful Oil-Can Holder, of which the following is a full, clear, and exact description.

This invention relates to an improvement in devices for carrying oil-cans upon a wheeled vehicle of the "cycle" type.

Heretofore it has been usual to carry the oil-can used to lubricate the working parts of a bicycle or similar vehicle in a tool-bag of leather, which is strapped to the rider's seat. The protecting cap of the oil-can is liable from jar and contact with other articles in the tool-bag to become loosened, and thus allow oil to escape, which results in fouling the interior of the tool-bag and loss of the oil.

The object of this invention is to provide a secure and convenient means for the upright support of an oil-can upon the frame of a bicycle or similar conveyance, which will permit the quick attachment and removal of the can from the securing device.

To this end my invention consists in certain features of construction and combination of parts, which are hereinafter described, and indicated in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the device in position on an upright portion of a bicycle with an oil-can clamped thereto. Fig. 2 is a plan view of an oil-can and the holder in clamped connection with it, and Fig. 3 is a reversed plan view of the holder and a clamped oil-can.

The oil-can A is of the usual approved form, consisting of an elongated cylinder made of sheet metal, the nozzle of the can being covered by a cap A′, which is of a nearly equal diameter with the can-body, and forms a neat finish, as well as a seal to prevent escape of oil, the cap having spaced fluting formed on it to facilitate its removal from the oil-can.

As the cap A′ of the oil-can is not screw-threaded, but is fitted tightly, so as to hold it in place by its frictional contact with the oil-can body A, it is apparent that for safety the can should be maintained in an upright position, while provision is made for the ready attachment of the can to its support and quick removal therefrom when needed for use.

To effect the results named in a simple and inexpensive manner, the holder B has been provided. This consists, preferably, of a piece of elastic sheet metal cut by dies or other means into shape. The blank, being substantially rectangular, is cut away, as at *a*, on two opposite edges between the other parallel edges *b*, so as to permit clasping-limbs *c c′* to remain adjacent to the edges last named. The median portion of the blank is bent in a cylindrical form, as shown in the figures, or any other shape necessary to adapt this portion B′ of the device to fit upon and be secured to an upright standard C or other portion of a cycle-frame where the can will not be exposed to impinging contact with other objects. The clasp-limbs *c c′* are bent, preferably as shown in Figs. 2 and 3, so as to admit the body A of the oil-can and the fluted cap-piece A′ between the limbs and grip the same by the retractile force of these spring limbs, and to effectually prevent accidental displacement the upper limbs *c* are bent, as at *d*, to fit into the longitudinal grooves of the fluted cap-body, and thus interlock the clasp-limbs with the cap-piece A′. The free extremities c^2 of the clasp-limbs *c c′* are bent outwardly, as represented, to facilitate the introduction of the can and its cap between the limbs. There are two integral flanges *e* oppositely formed on the lower edges of the lower clasping-limbs *c′*, which flanges are bent into hook form. Their main portions, extending toward each other in the same horizontal plane, afford a base for the support for the can A.

Between the clamping portion B′ of the device and the clasping-limbs *c c′* there are integral webs *g*, which are parallel and transversely perforated for the introduction of clamping-bolts *g′*, which when adjusted to engage the nuts g^2 will afford means to clamp the cylindrical or other shaped clamp B′ upon a cycle-standard C, the adjustment of the bolts also serving to draw the limbs *c c′* and hold them properly spaced apart to clasp the oil-can, as has been explained.

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

1. An oil-can holder for a cycle, comprised of a single plate of sheet metal cut and bent to form a clamp which will embrace an upright of a cycle-frame, two pairs of clasp-limbs that are adapted to removably retain an oil-can and its cap, and means to clamp the device upon a cycle-frame, substantially as set forth.

2. An oil-can holder for a cycle, comprised of a single plate of elastic metal, having integral clasp-limbs formed in pairs on its edges, its median portion bent into substantially cylindrical form to embrace a standard on a cycle, integral webs between the clamp and clasp limbs, and screw bolts and nuts to retain the device in place on a cycle-frame, substantially as set forth.

3. The combination, with the standard of a cycle-frame and an oil-can of elongated cylindrical form having a longitudinally-fluted cap-piece, of an oil-can holder comprised of a single plate of elastic sheet metal cut to produce two pairs of clasp-limbs, and base-flanges on one pair of the clasp-limbs, the median portion of the holder being bent to embrace a cycle-standard, and the clasp-limbs adapted to removably hold an oil-can seated on the base-flanges, and screw bolts and nuts which retain the holder and oil-can upon a cycle-frame, substantially as described.

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