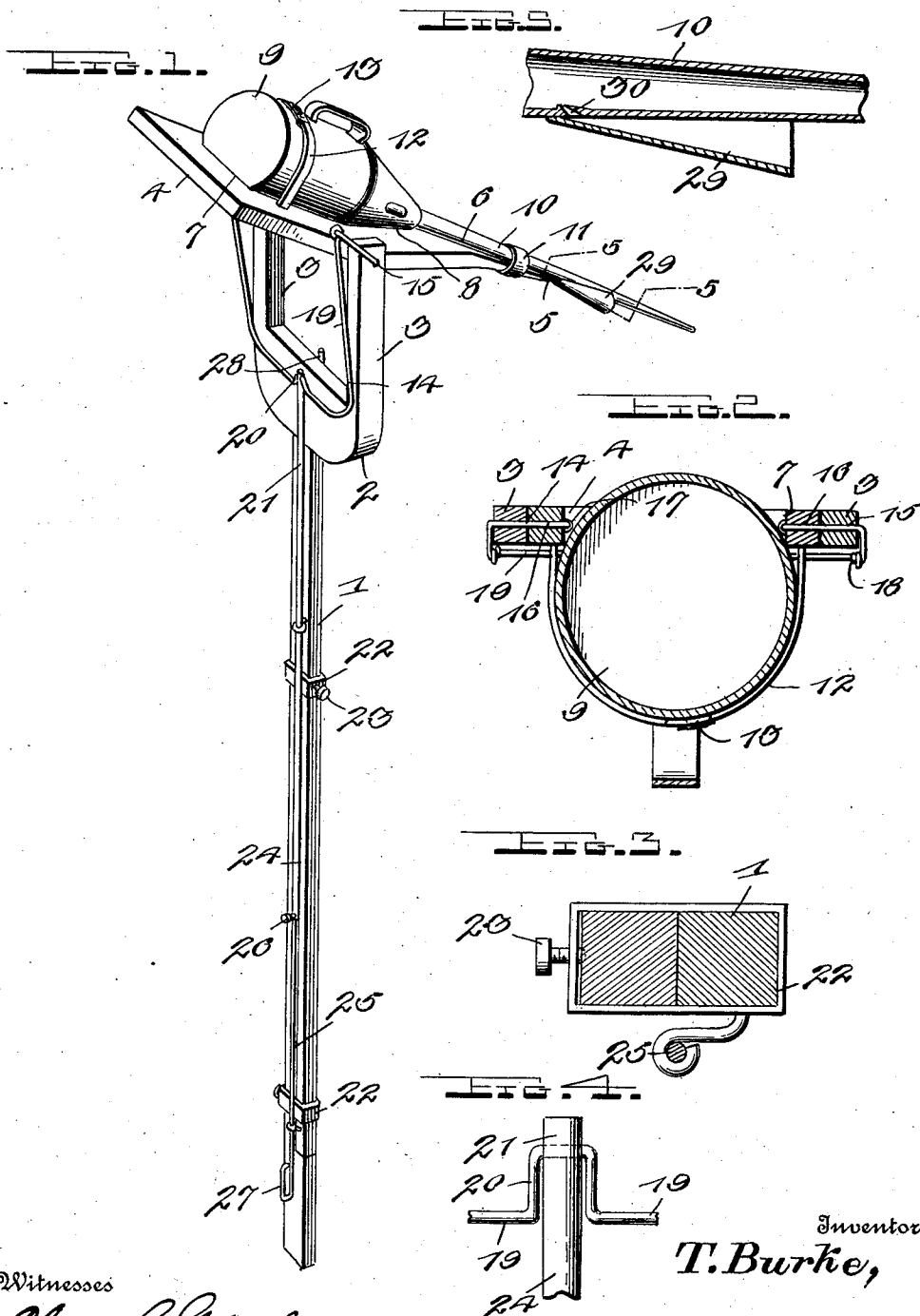


T. BURKE.
OILER.

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Patented Dec. 24, 1912.



Witnesses

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THOMAS BURKE, OF CAIRO, WEST VIRGINIA.

OILER.

1,048,132.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THOMAS BURKE, a citizen of the United States, residing at Cairo, in the county of Ritchie and State of West Virginia, have invented certain new and useful Improvements in Oilers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to new and useful improvements in oilers and more particularly to a handle for oil cans designed to permit the lubrication of journals or overhead shafts and other parts of machinery without resorting to the use of a ladder, thus saving time and avoiding the danger of coming in contact with a revolving pulley, the object of the invention being to provide an oil can holder which can be readily applied to any ordinary oil can, and also one which is removable in order that the can may be used for lubricating machinery which is within easy reach and not requiring the use of a ladder.

A further object of the invention is to provide a device of this character which will possess advantages in points of efficiency and durability, is inexpensive of manufacture and at the same time is simple in construction and operation.

With the above and other objects in view the invention consists in the novel features of construction and in the combination and arrangement of parts hereinafter more fully described, pointed out in the claims and shown in the accompanying drawings in which,

Figure 1 is a perspective view of a device constructed in accordance with my invention showing the same in its operative position; Fig. 2 is a detail transverse sectional view; Fig. 3 is a detail transverse sectional view through the handle. Fig. 4 is a detail elevation; and Fig. 5 is an enlarged sectional view on the line 5—5, of Fig. 1.

Referring more particularly to the drawings, 1 indicates an adjustable handle. Secured to the upper end of this handle is the frame 2 provided at its upper end with the two spaced parallel arms 3. Pivotaly mounted and arranged between these arms is a substantially rectangular can holder 4 which terminates at its upper end into a point 5, said point being provided on one of its faces with a groove 6. The holder 4 is provided with a centrally arranged rectan-

gular opening 7 tapering inwardly at its upper end as shown at 8, said opening being adapted for the reception of an oil can 9, the spout 10 of the can being disposed in the groove 6 and held securely in place by means of the clamping ring 11, which is slidably mounted upon the point 5 and the spout 10. The body portion of the can is held securely in place by means of the straps 12 having one of their ends secured to the side portions of the holder and their other ends adjustably secured together by means of a buckle 15.

The U-shaped rods 14 are provided having their intermediate portions arranged and disposed within the opening 15 formed in the upper ends of the arms 3 and the openings 16 and the side portions of the holder 4, the intermediate portion of said rods forming a pivot upon which the holder 4 is adapted to swing. The inner ends of the rods are securely fastened to the side portions of the holder by means of the staples 17; any other suitable means may be provided if desired. The outer ends of the rods 14 are looped as shown at 18 and loosely connected to the upper ends of the bail 19, the intermediate portion of said bail being provided with the crank 20 to which is secured the upper end of the operating arm 21.

The handle member 1 is formed in two sections which are adjustably secured together by means of the straps 22, said straps being provided with the set screws 23 adapted to hold the sections in an adjusted position. The operating rod 21 is formed in two sections which comprise the upper tubular section 24 and the lower section 25, which is adapted to telescope within the upper section and held in adjusted position by means of the set screw 26.

When using the oiler the oil can is to be lifted to a position slightly above the journal or other place to be lubricated, the can is then tilted to an operative position by grasping the handle 27 and pushing upwardly on the rod 21 so that the oil in the can will easily flow therefrom on to the parts to be lubricated, the can is then returned to its normal position by pulling downwardly on the lower end of the rod, the stop pin 28 preventing the can from being swung beyond its normal or upright position. The spout 10 is provided on one side with a drip cup 29 adapted to receive any oil which may run down on the outer side of the spout when the

can is returned to its normal position, the oil being returned into the can through the opening 30 in the side of the spout, it being understood that by the peculiar arrangement of this opening very little if any oil will escape from the can out through this opening when the can is inverted, but at the same time the oil from the drip cup can easily flow into the can.

From the above description taken in connection with the drawings, the use, advantages and operation of my improved oiler will be readily understood, and it will be seen that I have provided a novel and useful device of this character whereby journals or overhead shafts, and other parts of machinery can be easily and quickly lubricated without the use of a ladder, thus saving time, and avoiding the danger of coming in contact with a revolving gear.

While I have shown and described the preferred form of my invention it will be obvious that various changes in the details of construction and in the combination and arrangement of parts may be resorted to for successfully carrying my invention into practice without sacrificing any of the novel features or departing from the scope thereof.

What I claim is:—

1. In a device of the character described, the combination of an adjustable handle, a frame secured to the upper end thereof, spaced arms formed at the outer end of said frame, a substantially rectangular holder arranged between and pivotally secured to the outer ends of said arms, said holder terminating at one end into a point, having a groove formed in one face thereof, said holder being provided with a centrally arranged opening tapering inwardly at its upper end, an oil can arranged within said opening and normally disposed in an upright position, the spout on said can being arranged in the groove formed in the point of the holder, means for holding said can within the holder, and means for tilting the holder to an operative position so that the oil in the can will easily flow therefrom on to the parts to be lubricated, the reverse operation of said means returning the can to its normal position.

2. In a device of the character described, the combination of an adjustable handle, a frame secured to one end of said handle, spaced arms formed at the outer end of said frame, a can holder arranged between and pivotally secured to the outer ends of said arms, said holder being provided with a centrally arranged opening, U-shaped rods having their intermediate portion disposed through the outer ends of the arms and through the sides of the holder forming a pivot for the holder, the inner ends of said rods being secured to the side portions of the holder, a bail having its ends secured to the

outer ends of said rods, an oil can arranged within the opening in the holder, means for securing said can in position, means secured to said bail and adapted to tilt the holder to an operative position so that the oil in the can will easily flow on the parts to be lubricated, said means being adapted to return the holder to its normal position.

3. In a device of the character described, the combination of an adjustable handle, a frame secured to one end thereof, spaced arms formed at the outer end of said frame, a can holder arranged between said arms and pivotally mounted for swinging movement, said holder being provided with a centrally arranged opening, an oil can arranged in the opening in the holder, means for securing said can in place, U-shaped rods having their intermediate portion disposed through the upper ends of said arms and through the side portions of the holder, the inner ends of said arms being secured to the side portions of said holder, a bail having its ends loosely secured to the outer ends of the U-shaped rods, a crank formed at the intermediate portion of said bail, an adjustable operating rod having its upper end secured to said crank whereby pressure upon the lower end of said rod will tilt the holder to an operative position so that the oil in the can will easily flow therefrom on to the parts to be lubricated, the reverse operation of said rod returning the holder to its normal position.

4. In a device of the character described, the combination of an adjustable handle, a frame secured to the upper end thereof, spaced arms formed at the upper end of said frame, a holder arranged between and pivotally secured to the outer ends of said arms, an oil can carried by said holder, an adjustable operating rod comprising an upper tubular section and a lower section telescoping within the tubular section, a set screw carried by the upper section and engaging the lower section to hold the same in an adjusted position, means secured to the holder and pivotally connected to said operating rod whereby pressure on the lower end of said rod will tilt the holder to an operative position so that the oil in the can will easily flow therefrom on to the parts to be lubricated, the reverse operation of said rod returning the holder to its normal position.

5. In a device of the character described, the combination of an adjustable handle, a frame secured to one end of said handle, spaced arms formed at the outer end of said frame, a can holder arranged between and pivotally secured to the outer ends of said arms, said holder being provided with a centrally arranged opening, U shaped rods having their intermediate portion disposed through the outer ends of the arms and through the sides of the holder forming a

pivot for the holder, the inner ends of said rods being secured to the side portions of the holder, an oil can arranged within the opening in the holder, and means pivotally secured to the outer ends of said rods and adapted to tilt the holder to an operative position so that the oil in the can will easily flow on to the parts to be lubricated, the re-

verse operation of said means returning the can to its normal position.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

THOMAS BURKE.

Witnesses:

JAMES COSTELLO,

E. S. MARTIN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."