

R. L. GIRARDOT.
SWITCH LOCK.
APPLICATION FILED DEC. 14, 1914.

1,168,066.

Patented Jan. 11, 1916.

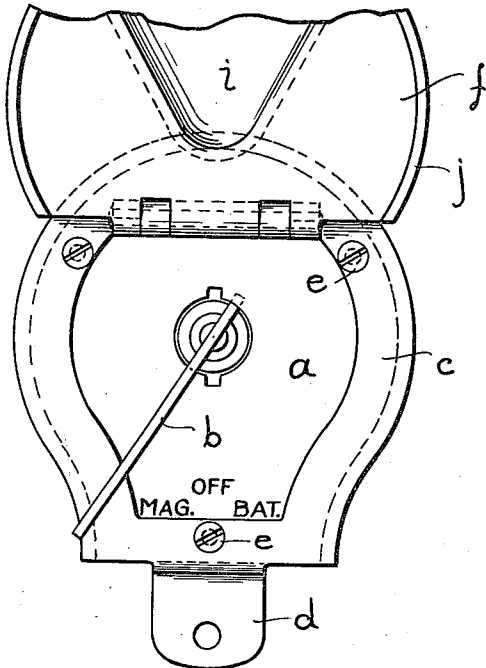


Fig. 3

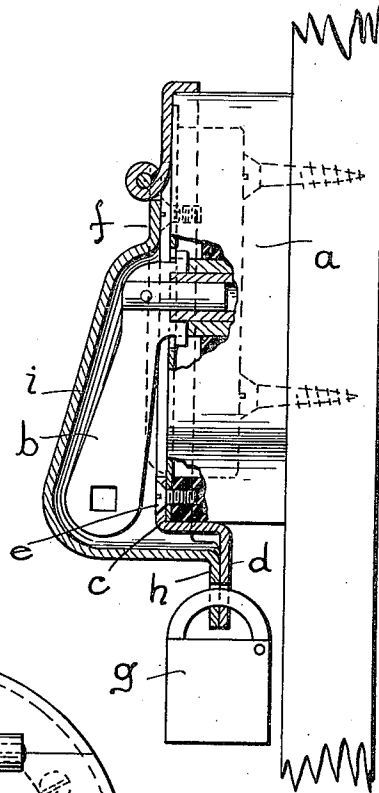


Fig. 2

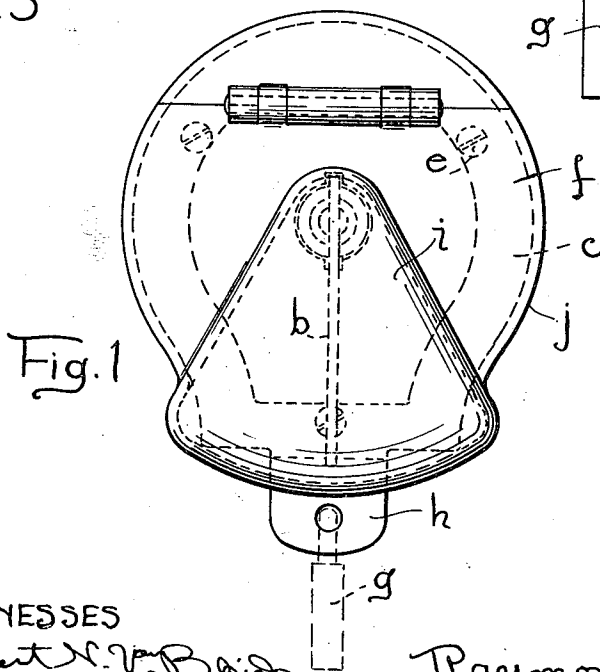


Fig. 1

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SWITCH-LOCK.

1,168,066.

Specification of Letters Patent.

Patented Jan. 11, 1916.

Application filed December 14, 1914. Serial No. 877,170.

To all whom it may concern:

Be it known that I, RAYMOND L. GIRARDOT, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Switch-Locks, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to switch locks, and has for its object, the locking of a switch which controls the electric current, that fires the fuel in the cylinders of a gasoline engine.

In the drawings, Figure 1 is a front elevation. Fig. 2 is a side elevation partly in section. Fig. 3 is a front elevation showing the cover lifted.

It has already been proposed to cover the switch key socket with a cover locked in place, so that another key or instrument cannot be inserted while the automobile, or engine, is left unguarded. However, the previous devices have been so arranged that the retaining screws were not protected and anyone could unscrew the device from its base and operate the switch just as well as if the device had never been put on. Further, my device is so arranged, that the flanges come down over the sides of the switch, so that it would be almost impossible to insert an instrument between the cover and switch and pry the cover loose.

A further feature is the provision of room in the cover so as to allow the switch key to remain in position. This is quite a decided advantage, as it is not necessary to take out the switch key when leaving the car unless it is desired to so do.

a represents the switch casing in which the switching devices are located, but inasmuch as switches of this character are old, the details are not illustrated nor will they be described. Suffice it to say, that by turning the switch key *b* from the central position marked "Off" in the drawing, either the battery can be connected with the engine cylinders or the magneto, depending upon the direction in which the switch key is moved from the central "Off" position shown in the drawings,—movement to the

left switches on the magneto, movement to the right switches on the battery.

The fixed plate or leaf of the hinge designated *c* is screwed to the face of the switch *a*. It is shown in the drawings as conforming to the outline of the switch casing and is apertured in the center so as to leave the center of the switch face free. The end of the fixed plate or leaf *c* is provided with an offset hasp *d* at its end. The fixed leaf or plate *c* is screwed to the casing by screws *e*. The pivoted leaf of the hinge or the cover plate *f*, is hinged at the upper end of the fixed leaf or plate *c*, so that when the cover *f* is brought down over the fixed leaf or plate *c*, the screws *e* are completely covered so that they cannot be removed while the cover *f* is locked to the fixed leaf or plate *c*. This locking is effected by passing a small padlock *g* through the perforations of the hasp *d* of the fixed leaf or plate *c* and the hasp *h* on the free end of the cover *f* which registers with the hasp *d* when the cover is closed.

The cover *f* is provided with a boss *i* which furnishes space to accommodate the switch key *b* so that when the cover is closed over the switch casing, it is not necessary to remove the switch key.

Another feature is the provision of a flange *j* on the cover. This flange comes down over a portion of the sides of the switch casing so as to make it well nigh impossible to insert a tool between the two leaves of the hinge to pry them apart. The ends of the hinge-pin are upset so that the hinge-pin cannot be knocked out.

What I claim is:

1. The combination with a switch casing provided with a key socket, a switch lock comprising an annular plate having a central aperture therein fitted to the switch casing, fastening means for securing said plate to the casing, a cover hinged to said plate and adapted to swing down over the same and protect the fastening means and prevent access to the socket, and means for locking said cover and plate together.

2. The combination with a switch casing provided with a key socket, a switch lock comprising an apertured plate conforming to the contour of the casing and having a flange adapted to overlies the sides of the casing, fastening devices for securing said

plate to the face of the casing, a movable cover attached to the plate adapted to overlie the fastening devices and prevent access to the key socket, and means for locking the movable cover and the plate together.

3. The combination with a switch casing provided with a key socket having a key therein, a switch lock comprising an annular plate having a central aperture therein fitted to the switch casing, fastening means for securing said plate to the casing, a cover having a boss therein hinged to the plate and adapted to swing down over the same to protect the fastening means and overlie the key, and socket, and means for locking said cover in closed position.

4. The combination with a switch casing, provided with a key socket, a switch lock comprising a plate secured to the casing by suitable fastening devices and leaving the key socket within the casing exposed, a cover for preventing access to the socket attached

to the plate and adapted when in a closed position to overlie and protect the fastening devices for the said plate and the key socket, and means for locking said cover to the plate.

5. The combination with a switch casing having a key socket therein, a switch lock comprising a plate attached to said casing near the socket and adapted to leave the said key socket exposed, fastening devices for attaching said plate to the casing, a cover for preventing access to the socket hinged to said plate and adapted to swing down over the fastening devices for the plate and inclose the key socket, and means for locking said cover in its closed position.

In testimony whereof, I sign this specification in the presence of two witnesses.

RAYMOND L. GIRARDOT.

Witnesses:

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