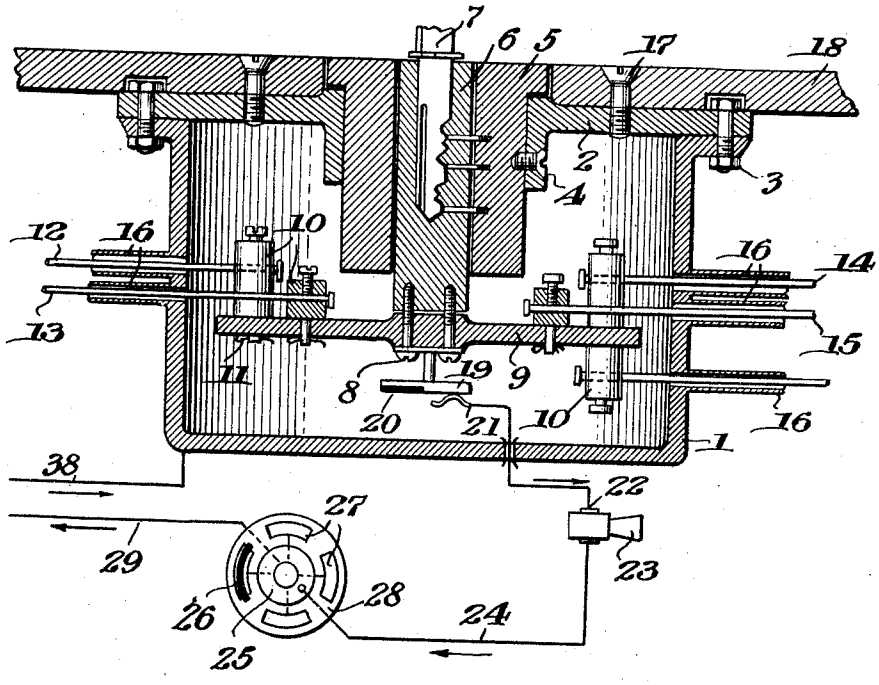
June 6, 1933.

G. LEIVA

1,912,945

MULTIPLE LOCK SWITCH

Filed Oct. 26, 1929



Inventor

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By

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UNITED STATES PATENT OFFICE

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MULTIPLE LOCK SWITCH

Application filed October 26, 1929, Serial No. 402,738, and in Argentina June 20, 1929.

This invention has reference to improvements in devices to guard against the theft of automobiles and has essentially for its purpose an arrangement consisting of a combination of factors which utterly precludes the possibility of robbery of this class of vehicles.

The invention aims equally at other objects which are embodied herein and which will be made particularly obvious in the following.

In order that the invention may be clearly understood and easily put into practice, the device for carrying out the invention is illustrated on the drawing which shows a cross-section through the axle of a locking arrangement.

The form of construction shown indicates that the invention deals with an arrangement consisting of a metallic casing 1, to which is fixed a cover 2 held by the corresponding bolts 3. Inside of the cover is fitted and held by four screws 4, a drum 5 which can be a lock of the "Yale" type or the like. A revolving drum 6 which is operated from the outside by means of the key 7, has fixed at its end by means of the screws 8, a disc 9, on which are fitted, as shown four parts 10 by means of bolts with split pins 11.

Through these pieces are passed wires of steel or similar material 12, 13, 14 and 15, each of which is fastened to the inside of the corresponding piece or posts 10 by set screws, and are provided besides with welded collars at the end.

These wires are fitted to the projecting part of the box 1, and through its whole length, in flexible pipes 16 of steel wire or other resisting material, and the whole box with its cover and lock is fixed by means of the screws 17 to the dash-board of the car or to any other convenient part thereof. The drum 6 is secured against rotation by means of set screw 4 in the cover 2.

On the disc 9 is another small disc 19 which is provided with an insulating section 20 made of fibre or other similar material, on which slides a small spring 21 which by means of a wire 22 is connected to one of the contacts of the alarm arrangement 23 such as a horn, siren, etc., and the other contact, by means of the cable 24, is connected in series with a fixed disc 25 provided with a metallic contact 26. On this fixed contact there slide four or more contacts 27 of a wheel 28 which is coupled direct on to one of the front wheels of the car; these contacts 27 are joined to the central contact connected to a wire 29 which is connected to a ground such as the body of the car.

The operation of the device may be effected in the following manner:—

Once the car is brought to a stop and when it is left standing by the driver, the latter, with the key 7, effects the rotation of the disc 9 fitted inside the box 1, with which movement the parts 10 are forced outwards resulting in a movement of the four cables or rods 12, 13, 14 and 15 in their respective enclosures to thus operate to latch certain parts of an automobile.

Having carefully described and determined the nature of this invention and the manner in which it should be put into practice, I hereby declare that what I claim to be my own invention and property is:

1. A lock particularly for motor vehicles comprising a casing; a rotatable lock drum projecting into said casing; a disc on the end of the drum in said casing; a plurality of actuators connected to the disc by rotatable means and extending through the casing to various parts of the motor vehicle; and means for securing the disc to the end of the drum; whereby rotation of the drum sets the actuating means in predetermined positions.

2. A lock particularly for motor vehicles comprising a casing; a rotatable lock drum projecting into said casing; a disc on the end of the drum in said casing; a plurality of actuating means connected to the disc by means of rotatable posts and extending through the casing to various parts of the motor vehicle; and means for securing the disc to the end of the drum, whereby rotation of the drum sets the actuating means in predetermined positions.

In testimony whereof I affix my signature.

GASPAR LEIVA.