This invention relates to automobile door handles and the object of the invention is to provide an automobile door handle arranged to normally operate an automobile door lock and constructed so that when the lock operating member is locked from rotation the handle may be turned in relation thereto upon applying a greater than normal pressure to the handle.

Another object of the invention is to provide an automobile door handle constructed to prevent operation of the door lock by fitting a pipe or wrench over the door handle and applying a heavy pressure thereto to break the lock.

A further object of the invention is to provide an automobile door handle which may be turned any number of times by application of a pipe or wrench thereto without operating the lock and upon being turned back to the normal position will continue to operate the lock when the lock is unlocked.

These objects and the several novel features of the invention are hereinafter more fully described and claimed and the preferred form of construction by which these objects are attained is shown in the accompanying drawing in which—

Fig. 1 is an elevation of an automobile equipped with our improved door lock.

Fig. 2 is a section through the exterior door handle showing the handle release mechanism.

Fig. 3 is a section taken on line 3-3 of Fig. 2.

The door handle is shown in Figs. 1, 2 and 3 and is provided with a recess 45 therein through which a pin 48 extends and a spring 47 is positioned in the recess 45 and is hooked over the pin 48 as shown.

At the opposite end, the spring is connected to a swivel 46 which is hooked over the pin 49 in the handle end 50 of the lock operating member 4 and this spring holds the two notches 51 in the end of the handle portion 52 in engagement with the pin 49. When the lock operating member 4 is locked, turning movement of the handle is prevented but should pressure be applied to the handle to break the lock the notches 51 will tend to move up over the pin 49 by producing a slight endwise movement of the handle against the tension of the spring 47 and at this time the handle may be turned around without turning the lock operating member 4. By means of the swivel, the spring 47 will not become twisted and the handle may be turned around any number of times without having any effect in moving or breaking the lock. However, as soon as the lock is released, the handle may be turned to re-engage the notches 51 on the pin 49 and the spring 47 will hold the notches in engagement with the pin 49 so that the handle may be used in the normal way for operating the lock. The pressure required to disengage the handle may be regulated by the tension of the spring 47 so that a definite pressure is required before the handle will disengage.

From the foregoing description, it becomes evident that the device is very simple and efficient in operation, will not easily get out of order, is composed of few parts and is of consequent low manufacturing cost and provides a device which accomplishes the objects described.

Having thus fully described our invention, its utility and mode of operation, what we claim and desire to secure by Letters Patent of the United States is—

1. In a door lock, a lock operating shaft having a recess in the end, a handle provided with a recess in the end, the end of the handle fitting into the recess in the shaft, a pin extending through the shaft recess, a second pin extending through the handle recess, a swivel connected to one pin and a spring connected to the swivel and to the other pin, the arrangement being such that the spring normally urges the handle into the shaft recess and the handle being provided with a pair of notches in the end engaging over the pin in the shaft recess.

2. In a door lock, a lock operating shaft having a recess in the end, a pin extending through the recess transversely of the axis of the shaft, a handle provided with a recess, a pin extending through the handle recess transversely to the axis of the handle, the end of the handle fitting into the recess in the shaft and provided with notches engaging the pin in the shaft recess and a spring connecting the two pins.

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