N. E. JAMES.

AUTOMOBILE LOCK.

APPLICATION FILED AUG. 21, 1919.

1,343,870.

Patented June 15, 1920.

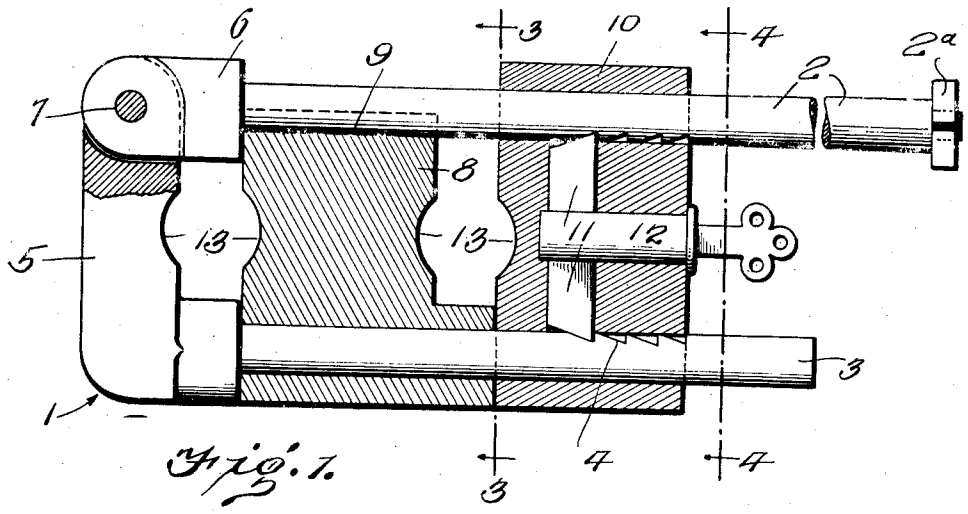
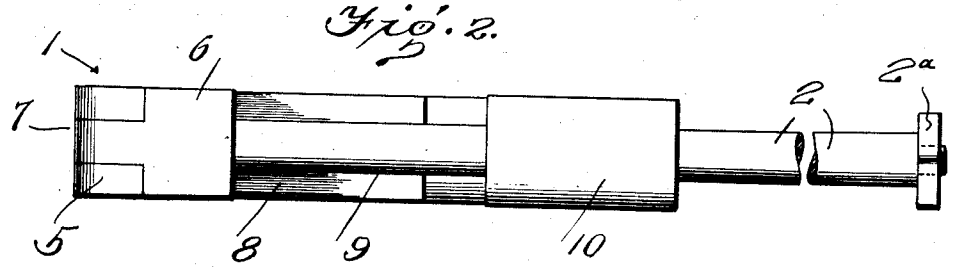


Fig. 1.

Fig. 2.



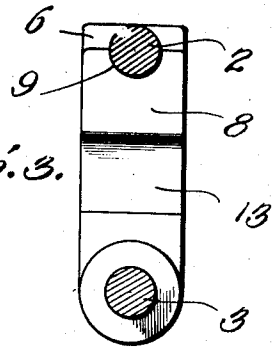


Fig. 3.

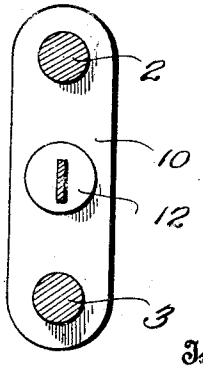


Fig. 4.

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UNITED STATES PATENT OFFICE.

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AUTOMOBILE-LOCK.

1,343,870. Specification of Letters Patent. Patented June 15, 1920.

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To all whom it may concern:

Be it known that I, NEPHANUS E. JAMES, a citizen of the United States, residing at Birmingham, in the county of Jefferson and State of Alabama, have invented certain new and useful Improvements in Automobile-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in locks and more particularly to automobile locks, and the object of the device is to provide an extremely simple and inexpensive, yet an efficient and reliable lock, which will lock the emergency brake and gear shifting levers together, as well as being capable of adaptation to the spark and gas controls, the clutch and service brake pedals, etc.

With the foregoing in view the invention resides in the novel device herein described and claimed, and shown in the accompanying drawing.

Figure 1 is a longitudinal section of the lock, with parts in elevation.

Fig. 2 is an edge view.

Figs. 3 and 4 are transverse sections on the planes of the lines 3—3 and 4—4 of Fig. 1.

In the manufacture of the device, I utilize a U-shaped yoke 1 having a hinged arm 2 parallel with what may be considered the fixed arm 3, both of these arms being by preference round in transverse section, and the inner sides of said arms are provided with notches 4 for a purpose to appear. The arm 3 is carried preferably by an L-shaped casting or the like 5, the arm 2 is provided with a head 6, and said casting and head are hinged together at 7.

A locking block 8 is mounted at one edge on the arm 3 for pivotal and preferably for sliding movement, while the other edge of said block is provided with means such as the groove 9 for coaction with arm 2, and whereby the latter holds the block normally against pivotal movement. A second locking block 10 slides on both arms 2 and 3 and is provided with bolts or the like 11 coacting with the notches 4 to lock said block against removal and to prevent outward swinging of the arm 2. The bolts 11 may be controlled by key or permutation means of any suitable character and such means may well be housed in a casing 12 in the block 10.

The adjacent edges of the blocks 9 and 10 and the casting 5 may be provided with seats 13 to receive the gear and brake levers, the clutch and service brake pedals, etc., and if desired, the arm 2 may be of greater length than the arm 3 and may be provided at its outer end with a stop 2^a. This will prevent the block 10 from becoming entirely detached and possibly lost.

To apply the lock, the block 10 is released, allowing outward swinging of arm 2, which allows pivoting of block 8 on arm 3, so that it may be inserted between the two parts to be locked. Arm 2 is now swung into groove 9, and the block 10 is slid to locking position and locked, thereby securely holding all parts against operation.

The device is simple, inexpensive and efficient, and although preferably constructed as shown may be otherwise formed within the scope of the invention as claimed.

I claim:

1. A lock comprising a yoke having an outwardly swinging arm, a lock block adjacent the inner end of the yoke pivoted on one arm and having means coacting with the other arm to normally hold said block against pivotal movement, a second lock block slidable on the yoke arms and removable from at least one thereof, and means for locking said second block.

2. A lock comprising a U-shaped yoke having a fixed arm and an outwardly swinging arm, the inner portions of both arms of the yoke being provided with teeth and one of said arms being of greater length than the other, a stop on the free end of the longer yoke arm, a lock block pivotally mounted on the relatively short arm and having a groove into which the longer arm swings, a second lock block slidable on both arms and movable outwardly against said stop to clear the shorter arm and release the lock, and locking means carried by said second lock block for coaction with the aforesaid teeth to normally hold said second lock block against movement.

In testimony whereof I have hereunto set my hand.

NEPHANUS E. JAMES.

Witnesses:
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J. M. FAUNCE.