

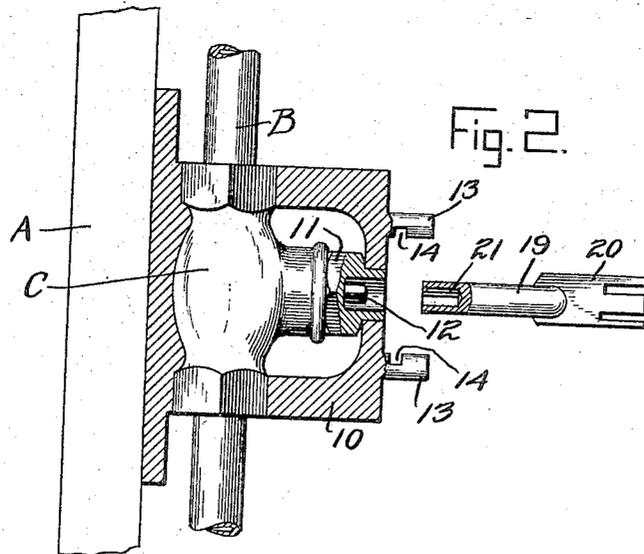
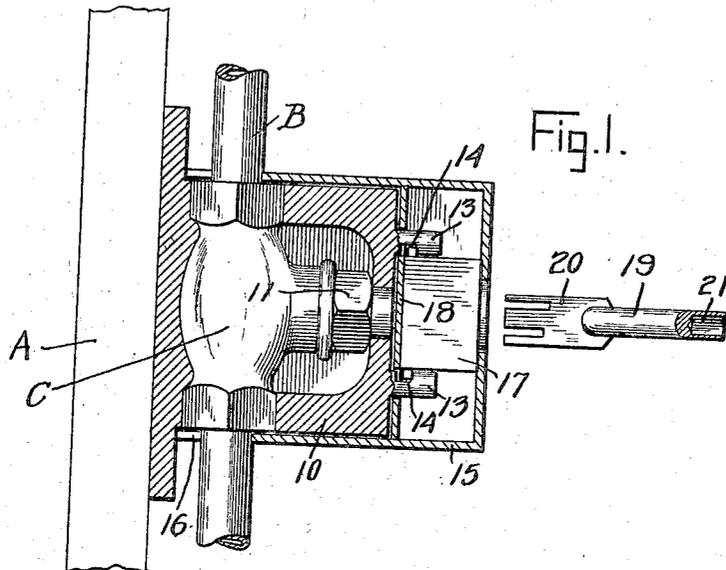
June 19, 1923.

1,459,688

D. M. PARKINSON

LOCK FOR AUTOMOBILE GAS LINES

Filed June 17, 1922



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UNITED STATES PATENT OFFICE.

DANIEL M. PARKINSON, OF SPRINGFIELD, OHIO.

LOCK FOR AUTOMOBILE GAS LINES.

Application filed June 17, 1922. Serial No. 568,952.

To all whom it may concern:

Be it known that I, DANIEL M. PARKINSON, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Locks for Automobile Gas Lines, of which the following is a specification.

The object of my said invention is to provide a means for locking automobiles against being stolen or taken for use by unauthorized persons and it consists in interposing a valve in the gas line running from the tank to the carbureter and providing a lock for said valve which will prevent it from being opened except by a person possessing the proper key and also a lock which will protect the valve from being tampered with or reached except by the person holding such a key, all as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings which are made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 is a view partly in section and partly in elevation showing such a valve and lock, the parts being in the position they occupy when locked, and

Figure 2 a view of the valve in the position it occupies when it is open, as when ready for use.

In said drawings the parts marked A represent the instrument board in the front of the automobile, B a section of the gas line and C the valve casing, all of which parts are or may be of any usual or appropriate construction and arrangement.

The valve C is mounted and closely encased in a bracket or block 10 formed to enclose the valve casing snugly, except the end of a right angular projection 11 which has a socket through which the valve stem 12 projects. Said projection 11 is seated in and engaged by the outer wall of the block or casing 10. Locking pins or keepers 13 are secured in the casing 10, or cast integral therewith, and have notches 14 with which the interlocking detents of the lock engage.

An outer casing 15 of a size to surround the casing 12 and with slots or notches 16 to fit over the pipe B is mounted over casing 10. Lock 17 is mounted in a chamber between the outer wall of the casing 15 and a wall 18 separated a distance therefrom. Said lock 17 may be of any appropriate

type, the mechanism of the lock not being important or being any part in the present invention, any appropriate lock answering the purposes of this invention.

A key 19, one end 20 of which is adapted to operate the lock 17 and the other end 21 of which is adapted to engage the valve stem 12 is provided for operating the device.

In operation the parts being in the position shown in Figure 1 and it being desired to use the automobile, the casing 15 is unlocked and freed from the other parts by use of the key 20 to disengage the detents of lock 17 from the keepers 13 and release the casing from engagement with casing 10, thus permitting casing 15 to be removed. The other end 21 of the key is then used to turn the valve stem 12 to open the valve when the automobile gas line is open and the machine ready for use.

When the automobile is to be parked or left for a time the valve stem 12 is turned to shut off the flow of gas through the line B, casing 15 is placed in position over the casing 10 and the lock 17 operated by means of the end 20 of the key to secure said casing in position. Said casing, as will be noted, completely surrounds and encloses the valve and the casing 10 and effectually protects said valve from all tampering, it being impossible to get to the valve stem 12 for the purpose of opening the valve until the casing 15 is removed as both wall 18 and lock 17 are interposed. By this means a very efficient and comparatively inexpensive device is provided for the purpose.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent, is:

1. The combination with the gas line of an automobile of a valve interposed in said gas line, a casing fitted around the valve casing to enclose the same except for a socket for the insertion of a key to engage the valve stem, a second casing adapted to fit over and enclose said first casing outside said socket, a lock enclosed in said second casing adapted to engage with keepers or locking pins carried by said first casing and a key for operating the lock and the valve stem, substantially as set forth.

2. In combination with the gas line of an automobile, a valve interposed in said gas line, a casing surrounding and enclosing said valve and provided with a locking pin or

keeper, a second casing formed to enclose said first casing, a lock mounted within said second casing adapted to cooperate with the keeper or locking pin carried by said first casing and in position to prevent access to the valve stem, substantially as set forth.

3. In combination with a gas line of an automobile, a valve interposed in said gas line, a projecting casing closely enclosing said valve except the socket leading to the valve stem, locking pins or keepers carried by said casing, a second casing adapted to enclose said first casing and having a lock mounted therein adapted to cooperate with said locking pins or keepers, said second casing having a wall interposed between its outer portion and the outer end of the socket affording access to the valve stem, substantially as set forth.

4. In combination with the gas line of an automobile, a valve interposed in said gas line, a protecting casing enclosing said valve, a keeper carried by said casing, a second casing enclosing said first casing and carrying a lock adapted to cooperate with said keeper and positioned to prevent access to the valve stem when the lock and its casing

are in position over the valve, said second casing at times enclosing the lock and keeper substantially as set forth.

5. In combination with a pipe line, a valve interposed in said line, a casing enclosing said valve and provided with a keeper, a second casing carrying a lock adapted to cooperate with the said keeper said second casing enclosing the keeper, lock and the first casing, substantially as set forth.

6. In combination with a pipe line, a valve interposed in said line, a casing completely surrounding said valve and provided with openings permitting passage of the pipe line therethru, a second casing enclosing the first said casing and provided with means within the second casing for locking said second casing to the first said casing, substantially as set forth.

In witness whereof, I have hereunto set my hand and seal at Washington, District of Columbia, this 17th day of June, A. D. nineteen hundred and twenty-two.

DANIEL M. PARKINSON. [L. s.]

Witnesses:

E. W. BRADFORD,
O. M. KEYS.