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J. P. CHARTERS

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PISTOL LOCK

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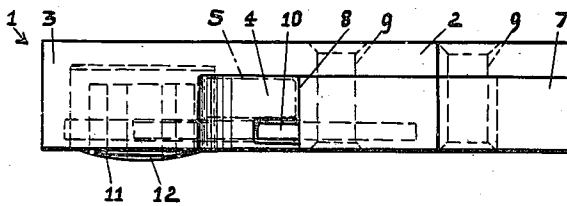


Fig. 3.

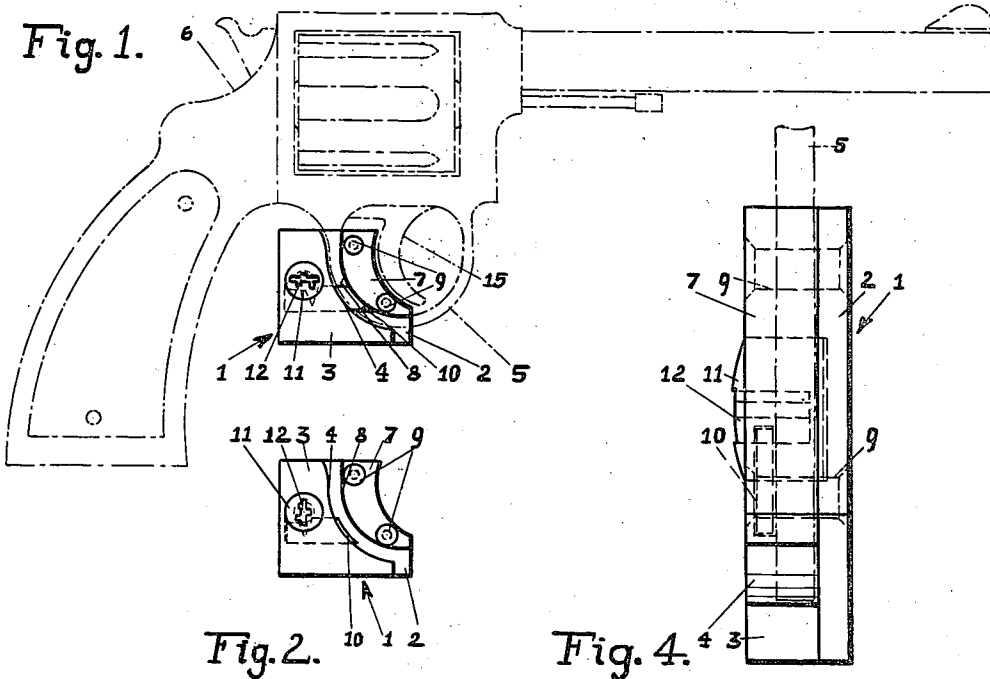


Fig. 2.

Fig. 4.

INVENTOR.
James P. Charters
BY Henry J. Metzler
Agt.

UNITED STATES PATENT OFFICE

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PISTOL LOCK

James P. Charters, Flushing, N. Y.

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2 Claims. (Cl. 42-70)

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This invention relates to a safety lock for firearms such as pistols, guns and the like, and has for one of its objects the production of a simple and efficient means for positively locking the trigger of a gun against movement and thereby preventing the accidental discharge of the gun.

A further object of this invention is the production of a simple and efficient safety device for locking a trigger of a gun against accidental movement.

Another object of the present invention is the provision of a device of the character described which can be attached to a pistol, gun or the like easily and quickly without the use of any tools and without the application of any considerable amount of skill, and which does not require any structural alterations of the gun in connection with which is to be used.

Still another object of the present invention is the provision of a device of the character described which is of a small size and light in weight and which can be detached from the gun when the latter is being used and kept in the pocket of a garment, so that the use of the gun is not influenced by the presence of the locking device. This is a substantial advantage over locking devices which are permanently attached to a firearm and which increase its weight while aiming or which otherwise may interfere with the usual handling of the gun or pistol.

Yet a further object of the present invention is the provision of a device of the character described which is of a very simple construction, so that it can be manufactured and sold at a very reasonable price, but which is also sturdy, durable, and well adapted to withstand the rough usage to which devices of this type frequently are subjected.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

In the accompanying drawings the preferred forms of the invention have been shown.

In said drawings:

Figure 1 is a side view of a preferred embodiment of my invention as it appears when it is in locking position on a pistol.

Fig. 2 is a side view as Fig. 1, but showing the device unlocked and detached from the pistol;

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Fig. 3 is an enlarged top view of the device per se; and

Fig. 4 is an enlarged side view of the same.

Similar reference characters refer to similar parts throughout the several views.

In the drawing the numeral 1 denotes a plate having a flat thin portion 2 and a thick raised portion 3 whose stepped side 4 is curved in conformity to the curvature of the outer rear section of the trigger guard 5 of a firearm. In Fig. 1 there is indicated in dash-and-dotted lines a pistol 6, but it is to be understood that my new and improved lock can be used also in connection with rifles and any other firearms. A flat member 7, one edge portion 8 of which is curved so as to conform to the curvature of the inner rear section of said trigger guard, is secured to the flat portion 2 of the plate 1 by means of countersunk rivets 9, or by welding, or the like in such a manner that its curved edge portion is opposite and in spaced relation to the stepped side 4 of the raised portion 3 of plate 1. Thus there is formed a groove between the edge portions 4 and 8 into which fits the rear portion of the trigger guard 5. The depth of said groove is larger than the width of the trigger guard 5, so that the member 7 and the plate portion 3 protrude beyond the trigger guard 5 when the latter is inserted into said groove.

The member 7 can be made also as a unit with the plate 1, so that the latter would consist of a block provided with a curved groove into which fits the rear portion of the trigger guard of a pistol; but it will be more economical from the standpoint of manufacturing this device to make the member 7 as a separate piece as shown and previously described.

In order to fasten the device to a trigger guard, I prefer to provide it with any suitable locking means, preferably with a lock bolt which is operated by means of a key. I prefer to carry out this feature of my invention in the manner shown in the drawing, where it will be seen that a lock bolt 10 is movable in the portion 3 of plate 1 by means of a lock 11 having a key hole 12 into which can be inserted in the usual manner a key (not shown). The lock 11 can be of any suitable desired construction or design, a cylinder lock as shown being preferable due to its small size. In the locked position, Figs. 1 and 3, the lock bolt 10 touches the side 8 of the member 7, thus holding the device safely on the trigger guard 5. Upon unlocking the device (Fig. 2) it can be detached from the gun, so that the latter can be used in the usual manner. The member 7 and the thin

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front section of the plate 1 are so dimensioned that they fill the space between the rear section of the trigger guard 5 and the trigger 15, as may be seen in Fig. 1, so that the latter cannot be moved as long as the device is locked.

I claim:

1. The combination, in a pistol lock, of a block provided with a curved groove into which fits the rear portion of the trigger guard of a pistol, with a lock bolt provided in said block and being shift- 10 able therein in spaced relation to the bottom of said groove from a position in which one of its ends is substantially flush with a side wall of said groove to a position in which said end of the lock 15 bolt is adjacent the opposite side wall of the groove so as to close a lateral portion of the groove at a distance from the bottom of the latter, and locking means for moving said lock bolt being 20 adapted for retaining the lock bolt in the aforementioned positions and being mounted on said block, that portion of said block which extends into the trigger guard beyond said groove reaching up to the trigger thus preventing any movement of the latter.

2. A device of the character described comprising a plate having a flat thin portion and a thick raised portion whose stepped side is curved in conformity to the curvature of the outer rear section of the trigger guard of a pistol, a flat mem- 25

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ber one edge portion of which is curved so as to conform to the curvature of the inner rear section of said trigger guard and being secured to said plate in such a manner that its curved edge portion is opposite and in spaced relation to the stepped side of the raised portion of said plate, a lock bolt in the raised portion of said plate being in spaced relation to the thin portion of said plate and being movable toward said flat member so as to touch the latter, and locking means for moving said lock bolt being adapted for retaining the lock bolt in the end position in which it touches said flat member and being mounted in said raised portion of said plate, said flat member being so dimensioned that it fills the space between the rear section of the trigger guard and the trigger in order to prevent a movement of the latter.

JAMES P. CHARTERS.

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