Oct. 31, 1950 J. PHILLIPS 2,527,957

HAMMER GUARD FOR FIREARMS

Filed Feb. 2, 1949

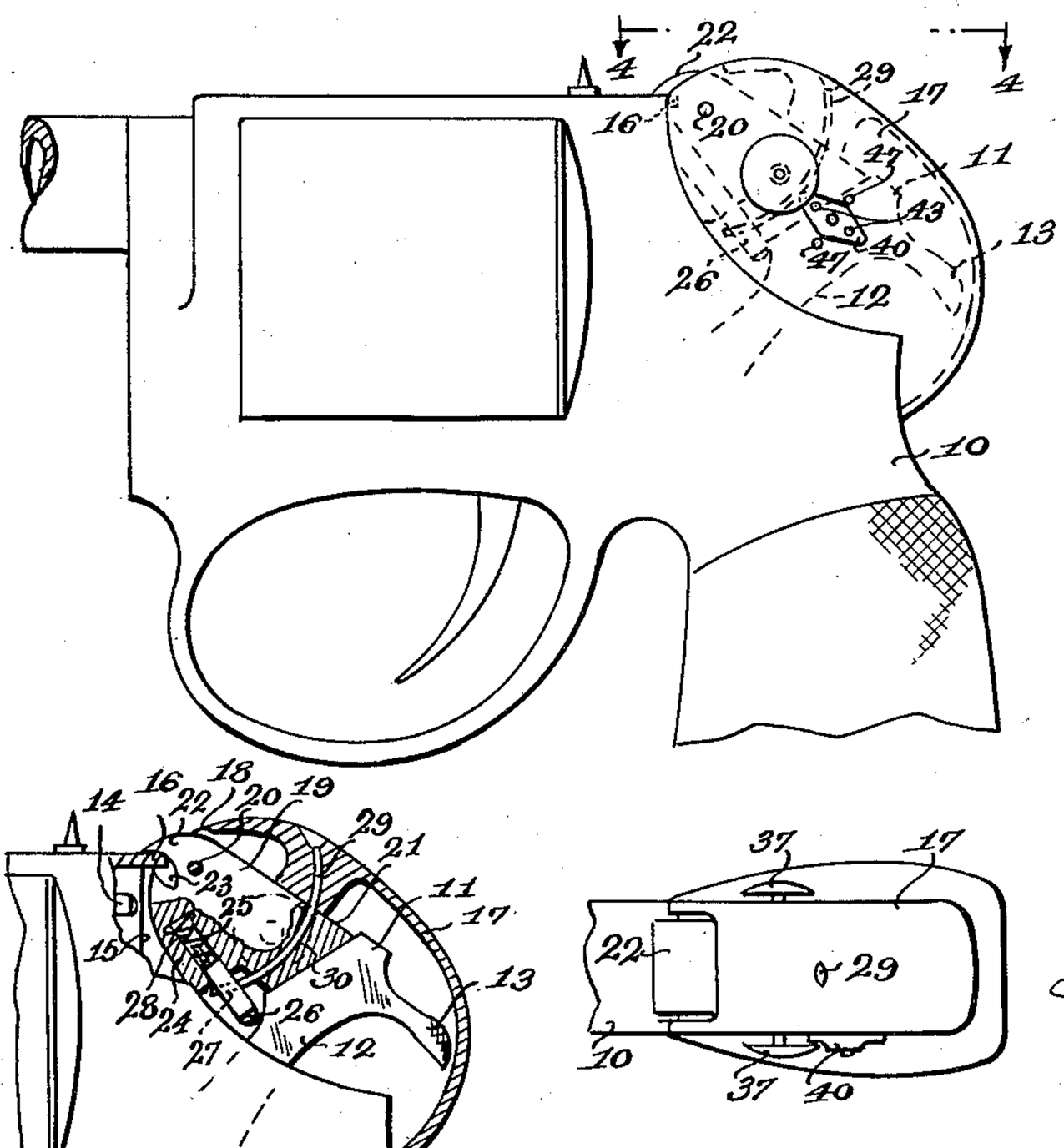

Fig. 1.

Fig 2.

Fig. 4.

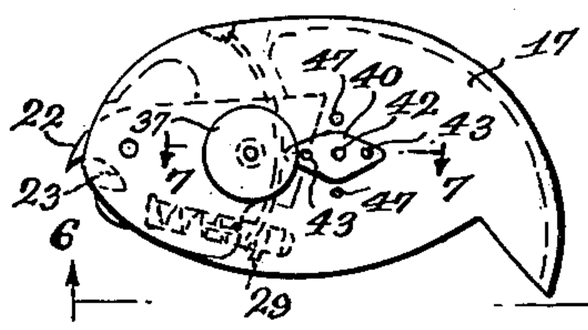

Fig. 5.

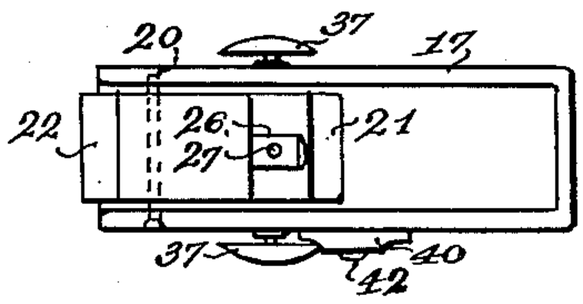

Fig. 6

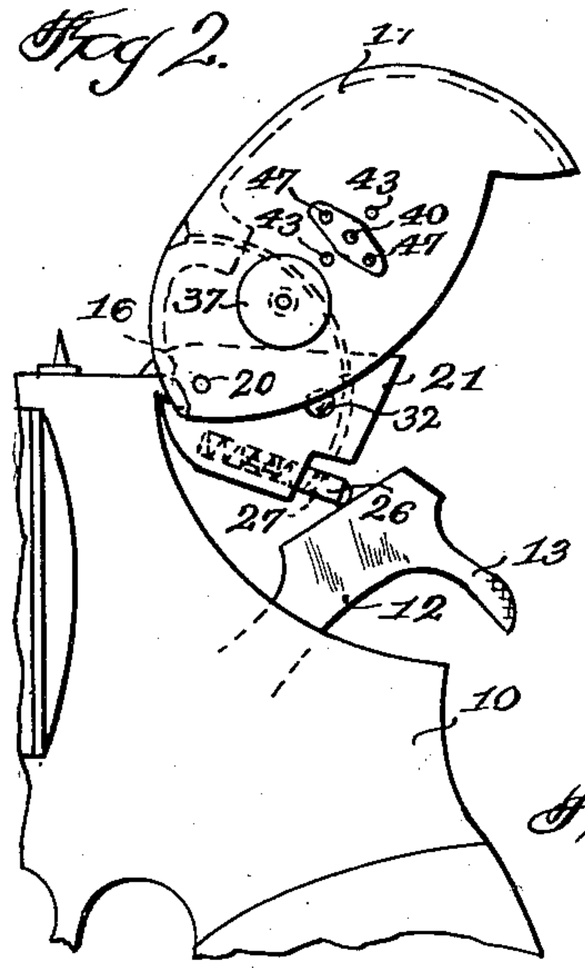

Fig. 3.

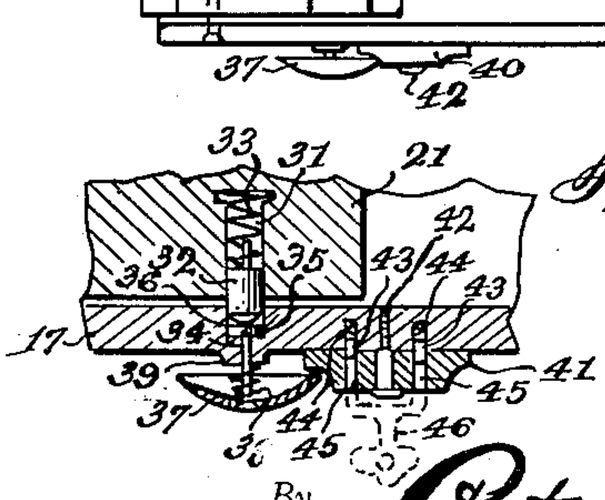

Fig. 7.

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Patented Oct. 31, 1950 2,527,957

UNITED STATES PATENT OFFICE

2,527,957

HAMMER GUARD FOR FIREARMS

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Application February 2, 1949, Serial No. 74,151

5 Claims. (Cl. 42—70)

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The present invention relates to hammer guards for firearms and it consists in the combinations, constructions and arrangements of parts herein described and claimed.

Generally there is provided a hammer guard for firearms which consists essentially of a casing adapted to encompass the hammer of a revolver or the like when the same is in cocked position and which has pivotally mounted therein a hammer holder which is adapted to bear against the base of the hammer when the guard is in locked position and whose forward end engages the conventional rearwardly extending lip of the recess wherein the firing pin lies. A spring-pressed detent is carried by the hammer holder and is adapted to engage the shank of the hammer when in locked position. Means is provided for holding the detent in locked position when the guard is in locked condition. Means is provided for quickly and easily assembling and disassembling the guard upon a revolver or the like and means is also provided for locking with a key all of the attendant parts of the device when the same is in position upon a firearm.

It is accordingly an object of the invention to provide a device of the character set forth which is simple in construction and operation and yet effective and efficient in use.

Another object of the invention is the provision of novel means for holding the handle of a firearm in cocked position against accidental movement toward uncocked positions.

Another object of the invention is the provision of novel latching means in a device of the character set forth.

Another object of the invention is the provision of novel locking means for the aforesaid latching means.

Other and further objects of the invention will become apparent from a reading of the following specification taken in conjunction with the drawing, in which:

Figure 1 is a side elevational view of an embodiment of the invention shown in closed and locked position upon a revolver,

Figure 2 is a view similar to Figure 1 but showing the device forming the present invention partly in section to illustrate details thereof,

Figure 3 is a view similar to Figure 2 but showing the device in open position,

Figure 4 is a plan view of Figure 1 taken along line 4—4 of Figure 1,

Figure 5 is a side elevational view of the device forming the present invention shown in position,

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Figure 6 is a bottom plan view of Figure 5 taken along line 6—6 thereof, and

Figure 7 is an enlarged sectional view taken along line 7—7 of Figure 5.

Referring more particularly to the drawing, there is shown therein a revolver 10 provided with a conventional hammer having a head 11, a shank 12 and a thumb piece 13. There is also shown a firing pin 14 within a recess 15 which is provided with a lip 16.

The device forming the present invention consists of a rounded hood-like body 17 having an open bottom formed generally to the contour of the upper rear portion of the revolver 10 and having an opening 18 forwardly therein.

A hammer holder 19 is pivotally mounted upon a transversely extending pin 20 which is mounted in the forward end of the guard 17 and the holder 19 is provided with a hammer holding portion 21 and at its rear end which portion is adapted to engage the head 11 of the hammer and at its forward end is provided with a hook-like nose 22 which extends through the opening 18. A slot 23 is formed in the forward end of the member 22. The hammer holder 21 is provided with a forwardly extending integrally formed extension 24 having a downwardly and rearwardly extending recess 25 in which is reciprocally mounted a detent 26 having a transversely extending opening 27 therein and provided with a spring 28 which tends to normally urge the detent 26 outwardly of the recess 25.

The hood or cover 17 has affixed therein a downwardly extending arcuate detent holder 29 whose arc is spaced upon the pin 20 as a center and which extends through an arcuate opening 30 formed in the holder 21. The hammer holder 21 is provided upon each side with a recess 31 in which is slidably mounted a detent 32 and a compresion spring 33 for normally urging the detent 32 toward an outward position and the cover 17 is provided upon either side with a reciprocally mounted pin 34 having a head 35 within a recess 36 formed on the inner face of the cover 17 and with an operating handle 37 at its outer end. A compression spring 38 is interposed between the handle 37 and a collar 39 formed intgerally with the outer side of the cover 17.

A lock member 40 of generally diamond shape is provided with integrally formed outwardly extending lips 41 and is pivotally mounted upon a pin 42 affixed to one side of the cover 17. At either side of the pin 42 there is provided a recess in the outer side of the cover 17 in each of

which recesses is slidably mounted a detent **43** and a compression spring **44** for normally urging the detent **43** outwardly of the cover **17**. The lock member **40** is provided with a pair of openings **45** for the reception of a key **46** and there is also provided in the cover **17** a pair of detents **47** similar to the detents **43** but mounted at ninety degree intervals to the latter.

In operation, it will be apparent that in order to place the device in position upon the firearm **10**, the lip **16** is first inserted into the slot **23** as particularly shown in Figure 3 of the drawing. Thereupon the device is swung downwardly and the detent **26** is forced inwardly into the recess **25** by the base of the hammer head **11** and will slide thereacross until it is again freed for outward movement whereupon it will engage the shank **12** of the hammer as shown in Figure 2 of the drawing. During this operation the handles **37** have been forced inwardly of the device by means of the thumb and one of the fingers of the operator. Upon the release of the handles **37**, the detents **32** will engage in the recesses **36** and the member **29** will pass through the opening **30** and thence through the opening **27** in the detent **26** thus effectively latching the hammer holder in position against the base of the hammer **11**. For all ordinary purposes the hammer is now locked against any untoward use. However, at this time the device may be quickly removed from the revolver **10** by merely pressing inwardly the handle **37** thus causing the detents **32** to move inwardly in the recesses **31** and allowing the cover to be swung outwardly thereby moving the member **29** from the recess **27** in the detent **26** and thus allowing the hammer holder **19** to pivot outwardly of the cover **17** and thereby allowing the detent **26** to move inwardly of the recess **25** and thus slide over the base of the hammer thereby permitting the removal of the device from the handle.

Again, however, if it is desired to lock the device in position when it is in latched condition, the key **46** is inserted into the openings **45** thereby pressing inwardly the detents **47** and allowing the lock member **40** to be turned by the key to a horizontal position as viewed in Figure 5 whereupon one of the lips **41** will engage therefor beneath its adjacent handle **37** thus effectively preventing the movement of the pin **34** inwardly to thereby permit the inward movement of one of the detents **32**. When in the position thus described detents **42** will engage in the openings **45** upon the removal of the key **46** thus preventing any unauthorized use of the hammer of the pistol.

While but one form of the invention has been shown and described herein, it will be readily apparent to those skilled in the art that many minor modifications may be made without departing from the spirit of the invention or the scope of the appended claims.

What is claimed is:

1. A device of the character described comprising, in combination, a firearm having a hammer including a head and a shank and a lip surrounding the conventional firing-pin recess; a cover for the hammer and its attendant mechanisms, a hammer holder pivotally mounted in said cover, a hammer head engaging portion at the rear of said holder, a lip-engaging hook at the forward end of the holder, a dependant portion formed on the head engaging portion, a detent slidably mounted in said dependant portion, a spring for urging the detent normally outwardly to engage

the shank of the hammer, an arcuate member carried by the cover and engageable with the detent when the cover is in closed condition, means for latching the cover in closed condition and means for locking the cover in closed condition.

2. A device of the character described comprising, in combination, a firearm having a hammer including a head and a shank and a lip surrounding the conventional firing-pin recess; a cover for the hammer and its attendant mechanisms; a hammer holder pivotally mounted in said cover, a hammer head engaging portion at the rear of said holder, a lip-engaging hook at the forward end of the holder, a dependant portion formed on the head engaging portion, a detent slidably mounted in said dependant portion, a spring for urging the detent normally outwardly to engage the shank of the hammer, an arcuate member carried by the cover and engageable with the detent when the cover is in closed condition, means for latching the cover in closed condition and means for locking the cover in closed condition, said latching means including a spring-pressed detent at either side of the head-engaging portion and openings formed on the inner side of the cover for receiving said last-mentioned detents.

3. A device of the character described comprising, in combination, a firearm having a hammer including a head and a shank and a lip surrounding the conventional firing-pin recess; a cover for the hammer and its attendant mechanisms, a hammer holder pivotally mounted in said cover, a hammer head engaging portion at the rear of said holder, a lip-engaging hook at the forward end of the holder, a dependant portion formed on the head engaging portion, a detent slidably mounted in said dependant portion, a spring for urging the detent normally outwardly to engage the shank of the hammer, an arcuate member carried by the cover and engageable with the detent when the cover is in closed condition, means for latching the cover in closed condition, means for locking the cover in closed condition and manually operable means for releasing said latching means.

4. A device of the character described comprising, in combination, a firearm having a hammer including a head and a shank and a lip surrounding the conventional firing-pin recess, a cover for the hammer and its attendant mechanisms, a hammer holder pivotally mounted in said cover, a hammer head engaging portion at the rear of said holder, a lip-engaging hook at the forward end of the holder, a dependant portion formed on the head engaging portion, a detent slidably mounted in said dependant portion, a spring for urging the detent normally outwardly to engage the shank of the hammer, an arcuate member carried by the cover and engageable with the detent when the cover is in closed condition, means for latching the cover in closed condition, means for locking the cover in closed condition and manually operable means for releasing said latching means, said latching means including a spring-pressed detent at either side of the head-engaging portion and openings formed on the inner side of the cover for receiving said last-mentioned detents, said means for releasing the latching means including a pin reciprocally mounted in each side of the cover, a spring for urging each pin normally outwardly and a handle at the outer end of each pin.

5. A device of the character described comprising, in combination, a firearm having a hammer including a head and a shank and a lip surround-

ing the conventional firing-pin recess, a cover for the hammer and its attendant mechanisms, a hammer holder pivotally mounted in said cover, a hammer head engaging portion at the rear of said holder, a lip-engaging hook at the forward end of the holder, a dependant portion formed on the head engaging portion, a detent slidably mounted in said dependant portion, a spring for urging the detent normally outwardly to engage the shank of the hammer, an arcuate member carried by the cover and engageable with the detent when the cover is in closed condition, means for latching the cover in closed condition, means for locking the cover in closed condition and manually operable means for releasing said latching

means, said latching means including a spring pressed detent at either side of the head-engaging portion and openings formed on the inner side of the cover for receiving said last-mentioned detents, said means for releasing the latching means including a pin reciprocally mounted in each side of the cover, a spring for urging each pin normally outwardly and a handle at the outer end of each pin and said locking means including a key-operated plate for engaging the underside of one of said pin handles.

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No references cited.