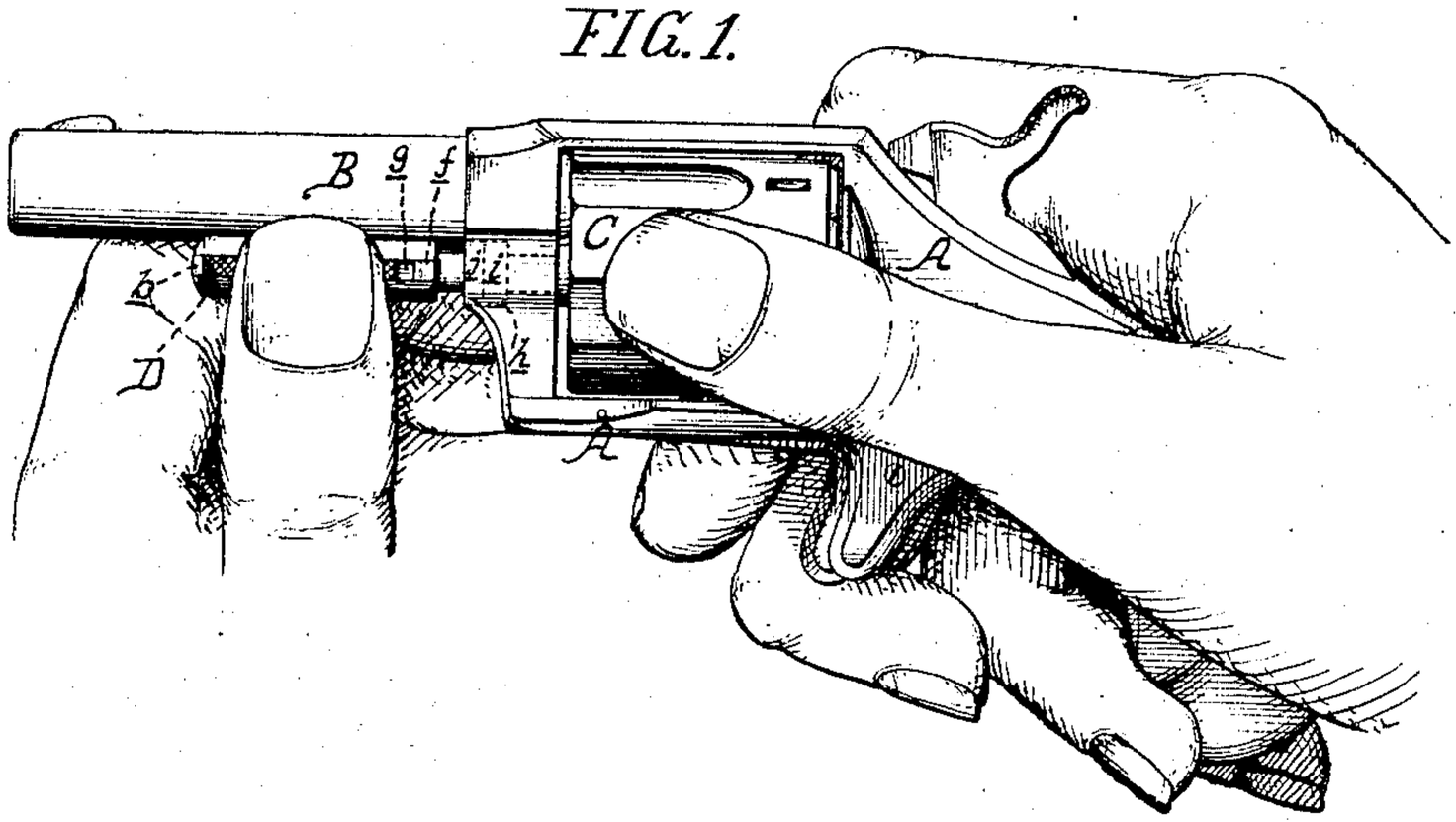
R. L. BREWER.

Revolving Fire Arm.

No. 239,914. Patented April 5, 1881.

FIG. 1.



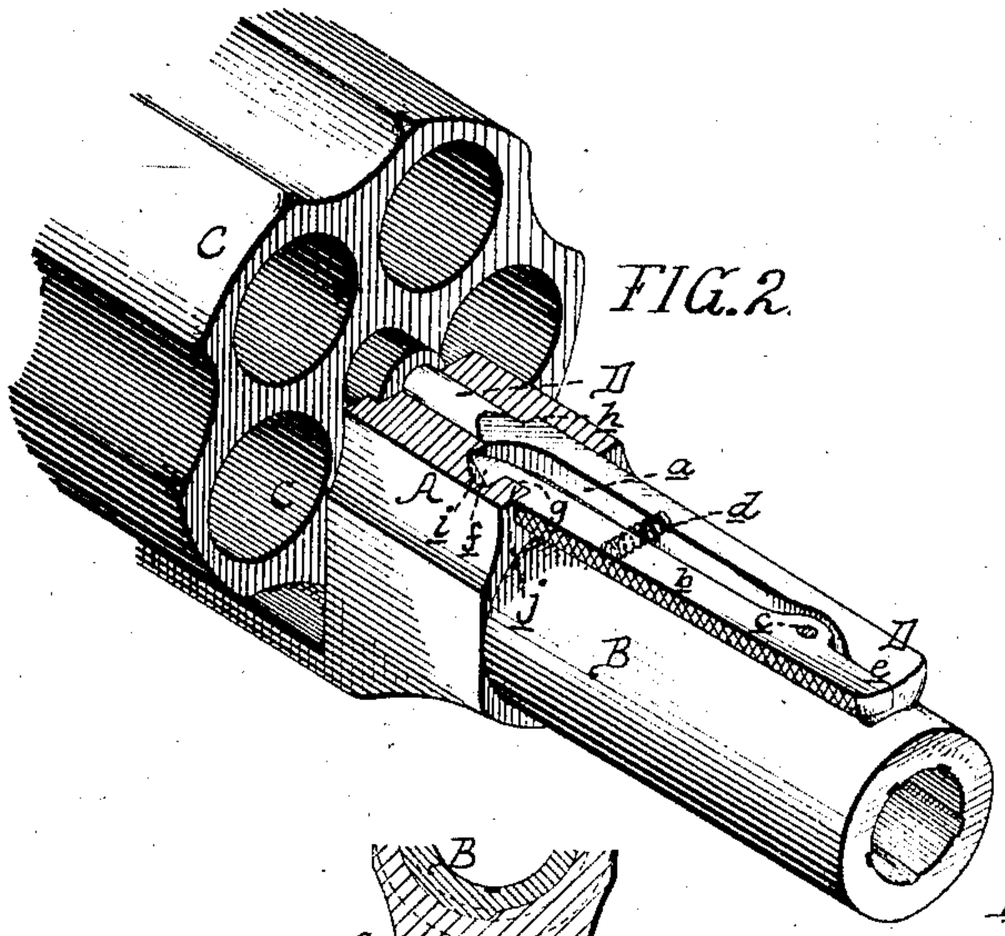




FIG. 2.

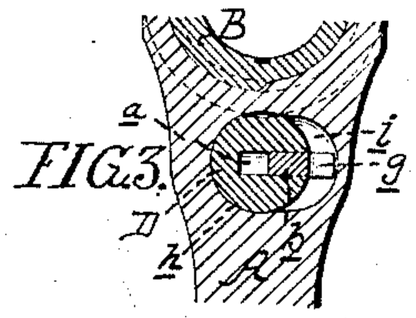



FIG. 3.

Witnesses,

H. J. Mentz

S. Ruperteus

Inventor,

Roland L. Brewer,

by his attorney,

John K. Ruperteus.

# UNITED STATES PATENT OFFICE.

ROLAND L. BREWER, OF PITTSTON, ASSIGNOR TO J. FRANK LEE, OF WILKES-BARRE, PENNSYLVANIA.

## REVOLVING FIRE-ARM.

SPECIFICATION forming part of Letters Patent No. 239,914, dated April 5, 1881.

Application filed January 29, 1880.

*To all whom it may concern:*

Be it known that I, ROLAND L. BREWER, of Pittston, Luzerne county, State of Pennsylvania, have invented a new and useful Improvement in Catches for Base-Pins of Revolving Fire-Arms, of which the following is a specification.

The object of my invention is to securely lock the base-pin of a revolving fire-arm in such a manner that the base-pin can be readily and easily inserted and withdrawn when necessary; and this object I attain in a manner too well described hereinafter to need preliminary description, and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a revolving fire-arm with my improvement. Fig. 2 is an enlarged sectional perspective view, showing the arrangement of parts; and Fig. 3 is an enlarged sectional view.

A is the frame, B the barrel, C the cylinder, of a revolving fire-arm. D is the base-pin, extending through both the frame and cylinder, an enlarged portion of which enters a short distance into the frame and projects from the same beneath the barrel B. In the enlarged portion of the base-pin D is cut a slot, into which is fitted the lever *b*, this lever being pivoted to the base-pin D a short distance from the end of the same by a pin, *c*, passing through both base-pin and lever. Confined within the slot and entering into recesses in both the base-pin and lever is a spring, *d*, operating to throw the lever out beyond the face of the base-pin, this outward motion of the lever being limited by the abutment *e* within the slot *a*. Upon the opposite end of the lever is an inclined portion, *f*, and notch *g*, which enter into the recess *h* of the frame. Within the recess *h* of the frame is cut a groove, *i*, corresponding to the notch *g* of the lever *b* in the enlarged portion of the base-pin when the base-pin is in position.

The base-pin is inserted into the frame and through the cylinder and pushed through until the enlarged portion of the same begins to enter the recess *h* of the frame, when the inclined end *f* of the lever *b* strikes against the edge of the recess *h*, and depresses the lever *b* into the slot *a* until the base-pin is pushed in so that the inclined portion enters the groove *i*, when the lever is pushed out of the slot and the notch *g* is engaged with the projecting portion *j* of the recess *h* of the frame, owing to the action of the spring *d*, thereby securely locking the base-pin D in position. (See Figs. 2 and 3.)

In order to remove the base-pin D for the removal of the cylinder C, the operator takes hold of the enlarged projecting portion beneath the barrel, and in so doing depresses the lever *b* within the slot *a*, and thereby disengages the projecting portion *j* of the recess *h* of the frame from the notch *g*, when the base-pin D can be readily pulled out and the cylinder removed. (See Fig. 1.)

It will be seen that while the base-pin can be easily inserted and removed it cannot become accidentally detached and lost or jarred out while firing the fire-arm.

What I claim as my invention is—

The combination, in the manner described, with the enlarged projecting portion of the base-pin D, of the lever *b*, pivoted to the base-pin within the slot *a* of the same, acted on by the spring *d*, and engaging within the recess *h* of the frame A, so that the lever *b* is disengaged from the frame A and the base-pin is free to be removed by the act of catching hold of the same.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROLAND L. BREWER.

Witnesses:

THOS. H. ATHERTON,

J. WROTH, Jr.