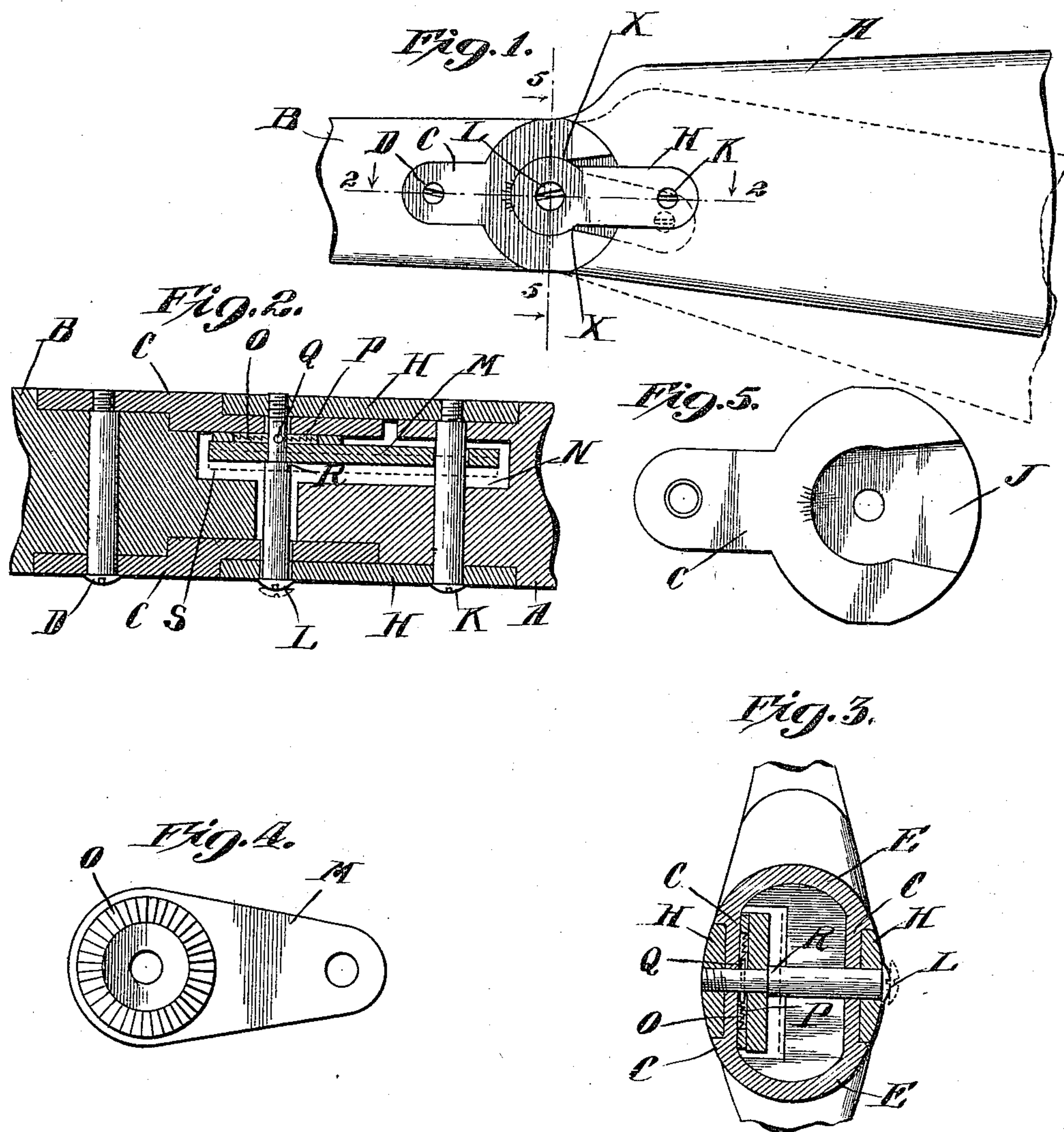


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PATENTED JAN. 29, 1907.

R. C. THOMAS.
FIREARM.

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UNITED STATES PATENT OFFICE.

REGINALD C. THOMAS, OF CHESUNCOOK, MAINE.

FIREARM.

No. 842,436.

Specification of Letters Patent.

Patented Jan. 29, 1907.

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To all whom it may concern:

Be it known that I, REGINALD C. THOMAS, a citizen of the United States, and a resident of Ripogenus Lake Camps, Chesuncook post-office, State of Maine, have invented certain new and useful Improvements in Firearms, of which the following is a specification.

This invention relates to adjustable stocks for guns and other firearms; and the object of the invention is to enable the stock of the gun to be quickly adjusted to raise or lower the same to any desired position, and thereby alter the drop.

Further objects of the invention will hereinafter appear; and to these ends the invention consists of a firearm for carrying out the above objects embodying the features of construction, arrangement of parts, and combinations of elements having the general mode of operation substantially as described and claimed in this specification and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a gun-stock partly broken away, showing the stock in full lines in one position and in broken lines in another position. Fig. 2 is a horizontal sectional view on the line 2 2 of Fig. 1 looking down in the direction of the arrows. Fig. 3 is a vertical sectional view on the line 5 5 of Fig. 1 looking in the direction of the arrows. Fig. 4 is a detail side view of the locking-plate. Fig. 5 is a detail side view of a mortise-plate.

Referring to the drawings, the stock of the gun is divided into two sections, preferably at the grip, A being the rearward portion or butt, and B the forward portion.

On each side of the forward portion B of the stock are provided plates C, preferably in the form of mortise-plates, which are suitably secured in position, as by means of the screw-bolt D, which passes through a hole in the stock.

The two mortise-plates C are preferably curved or convex on their exterior faces and are made to fit flush with the surface of the stock by countersinking them in recesses which are equal in depth to the thickness of the plates C. Connecting-pieces E of metal are preferably provided at top and bottom for connecting the mortise-plates C, to which the metal pieces E are suitably riveted or brazed. These connecting-pieces E fit flush with the surface of the stock portion B and are beveled or rounded off on their edges to enable the stock portions to fit flush and also

enable the butt to swing around and fit flush. On each side of the rearward portion A of the stock are provided the tenon-plates H, which are suitably secured in position by means of the screw-bolt K, which passes through a hole in the stock. The two tenon-plates are preferably outwardly convex and made to fit flush with the surface of the stock by cutting recesses in the stock portion A equal to the depth of the plates H. The tenon-plates H are suitably rounded at one end in the form of a circle, the rounded portion being a little greater than a semicircle, which prevents the tenons being withdrawn in a longitudinal direction when the rounded portions of the tenon-plates are fitted into corresponding circular recesses J in the mortise-plates C, said recesses J having a diverging opening, as shown, to permit a small vertical movement of the two sections about the screw-bolt L, which pivotally connects the mortise-and-tenon plates together. The shoulders X serve to limit the movement of the butt relatively to the other portion of the stock.

The ends of the two sections A and B are suitably recessed at N and S to receive the toothed locking-plate M, which is provided with holes at each end, through which the two screw-bolts K and L pass, the plate fitting loosely over the two screw-bolts. The teeth O in the locking-plate M are made to engage with corresponding teeth P on the inside of the mortise-plate C. The locking-plate M is moved into operative and inoperative position by means of the screw-bolt L, which is preferably provided with a pin Q and a shoulder R, which when the screw-bolt L is unscrewed on the outside of the stock disengages the teeth of the locking-plate M from the teeth on the inside of the mortise-plate C, thereby permitting the stock portion A to be readily adjusted in any desired position and then secured by tightening the screw-bolt L, which forces the teeth O of the locking-plate M into engagement with the teeth P on the back of the mortise-plate C.

The operation of the device is as follows: When it is desired to adjust the stock, the screw-bolt L is unscrewed, the pin Q disengaging the teeth O of the locking-plate M from the teeth P of the mortise-plate C as the screw-bolt L is withdrawn. The stock can now be adjusted to any desired position either up or down and then secured by tightening the screw-bolt L, the shoulder R forcing the

teeth O of the locking-plate M into engagement with the teeth P on the back of the side plate C.

My improved device affords a very convenient arrangement that can be secured to the stock of any gun and which allows the stock of the gun to be readily adjusted by merely screwing and unscrewing one screw-bolt.

The exposed parts of the adjusting mechanism are made flush with the surface of the gun-stock and in no way interfere with the general appearance of the gun.

There are no exposed parts to catch upon the wearing-apparel of the user, and as the locking device is on the inside there is no danger of loosening any of the parts when the locking device is unlocked or moved into disengaged position. No plates have to be taken off, nor do the two sections of the stock have to be separated to adjust the stock in any desired position, the adjusting of the stock being accomplished by loosening and tightening the pivot screw-bolt.

An adjustable stock constructed in the above-described manner will be strong and durable and simple in construction, consisting of but few parts, which are positive in action and not liable to get out of order.

Obviously some features of this invention may be used without others, and the invention may be embodied in widely-varying forms.

Therefore, without limiting the invention to the devices shown and described and without enumerating equivalents, I claim, and and desire to obtain by Letters Patent, the following:

1. In a firearm, a stock divided into two sections, devices for adjustably connecting said sections, and a locking-plate separate from said connecting devices for locking the sections in any desired position.

2. In a firearm, a stock divided into two sections, means for adjustably connecting said sections, means for preventing longitudinal separation of the sections, and a locking-plate for limiting the movement of one section relatively to the other.

3. In a firearm, a stock divided into two

sections, devices flush with the surface of the stock for adjustably connecting the sections, and a locking-plate within the stock hidden from view for locking said sections.

4. In a firearm, a stock divided into two sections, mortise-plates on one of said sections, tenon-plates on the said other section, and a separate locking-plate for adjustably connecting said sections.

5. In a firearm, a stock divided into two sections, mortise-plates on one of said sections, tenon-plates on the said other section, a locking-plate between said plates, and means for adjusting said locking-plate.

6. In a firearm, a stock divided into two sections, mortise-plates on one of said sections, tenon-plates on the said other section, teeth on one of said mortise-plates, a locking-plate provided with teeth for engaging said teeth on said mortise-plates, means for adjusting said locking-plate, and means for connecting said parts.

7. In a firearm, a stock divided into two sections, recessed mortise-plates on one of said sections, tenon-plates on the other section for engaging the recesses in the mortise-plates, teeth on the inside of one of said mortise-plates, a locking-plate provided with teeth for engaging said teeth on the mortise-plate, and means for adjusting said locking-plate.

8. In a firearm, a stock divided into two sections, mortise-plates on one of said sections, tenon-plates on the said other section, a locking-plate between said mortise and tenon plates, and means for adjusting said sections without separating the same.

9. In a firearm, a stock divided into two sections, outer plates on each of said sections, a locking-plate between said outer plates, and means for adjusting said locking-plate.

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

REGINALD C. THOMAS.

Witnesses:

IRVING O. HEMENWAY,
WM. JOS. RUDOLPH, Jr.