

(No Model.)

A. HAPE & A. S. OLIVER.
Gun Stock.

No. 243,553.

Patented June 28, 1881.

Fig. 1.

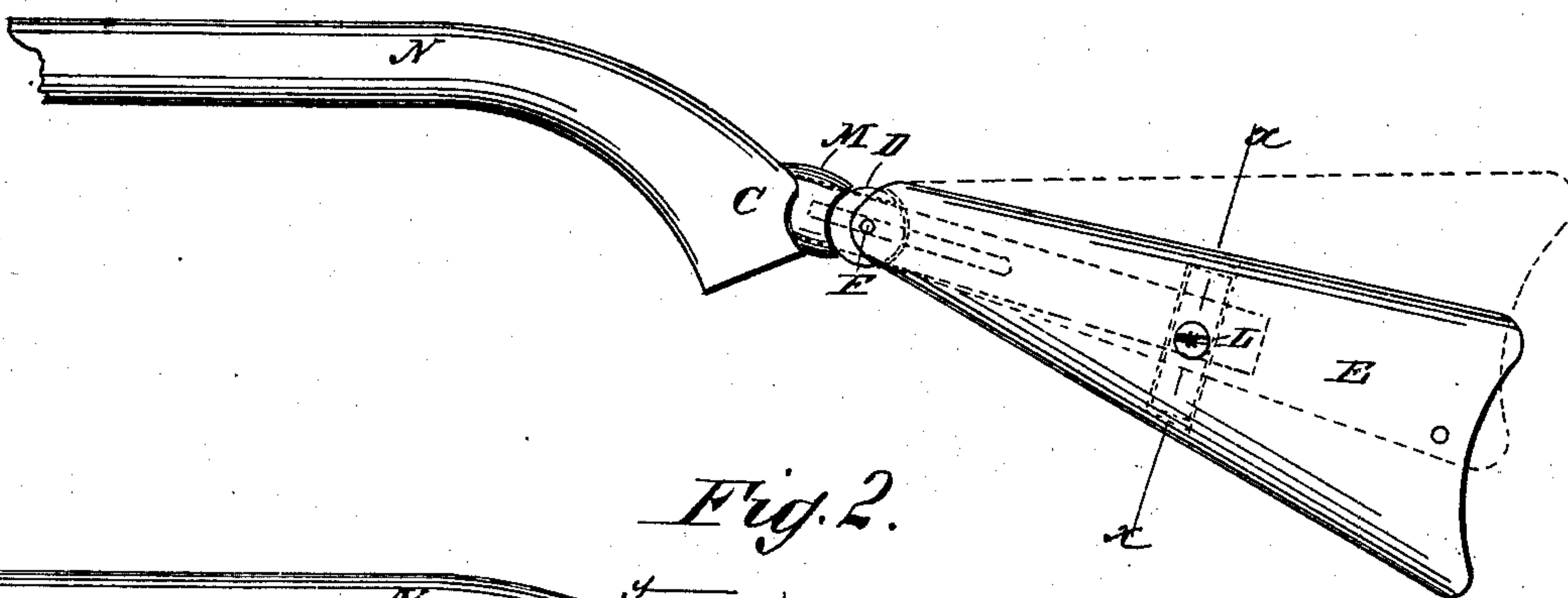


Fig. 2.

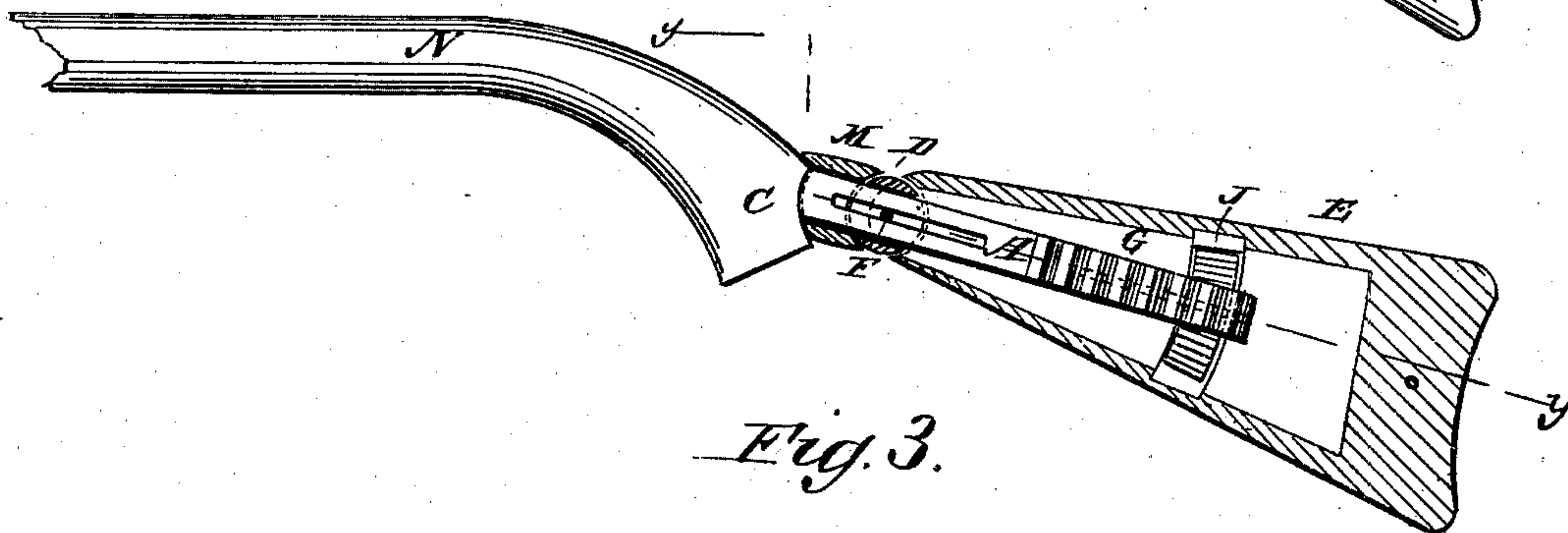


Fig. 3.

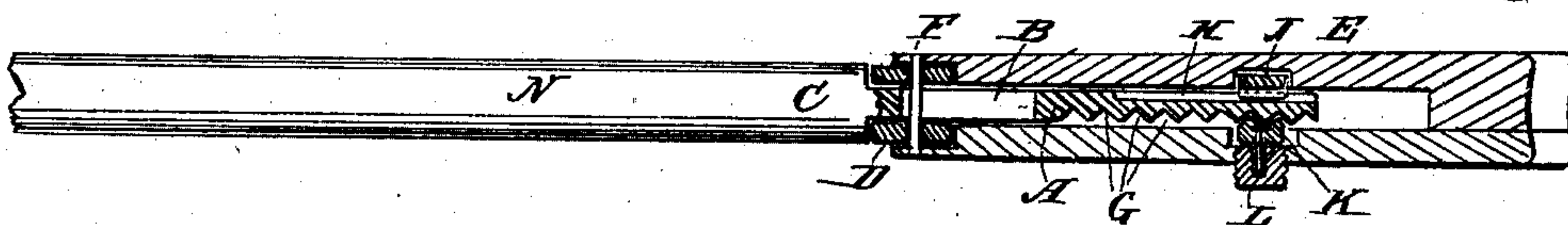
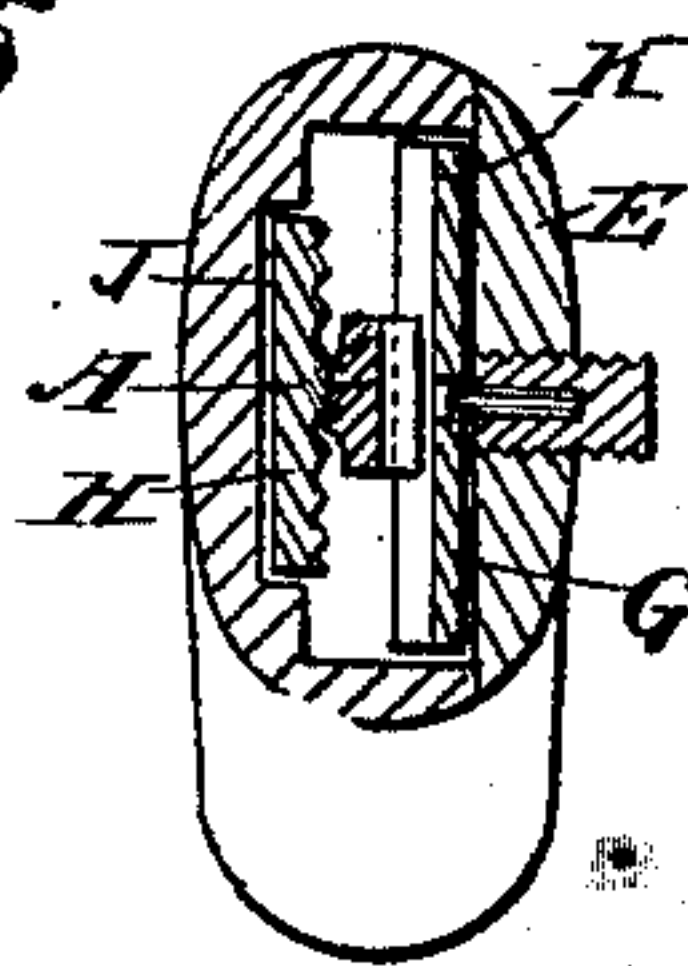


Fig. 4.



Fig. 5.



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UNITED STATES PATENT OFFICE.

ALBERT HAPE AND ALFRED S. OLIVER, OF ELBERTON, GEORGIA.

GUN-STOCK.

SPECIFICATION forming part of Letters Patent No. 243,553, dated June 28, 1881.

Application filed May 17, 1881. (No model.)

To all whom it may concern:

Be it known that we, ALBERT HAPE and ALFRED SHELTON OLIVER, both of Elberton, in the county of Elbert and State of Georgia, have invented an Improved Gun-Stock Attachment, of which the following is a specification.

The object of our invention is to provide a new and improved gun-stock attachment for adjusting the stock at any desired inclination to the barrel, and which attachment permits the stock to be lengthened and shortened.

The invention consists in a longitudinally-slotted extension of the gripe of the stock, fitting into and pivoted to a hollow stock provided with suitable devices for holding this extension in various positions in the stock. A filling-piece is placed on this extension, between the upper end of the stock and the rear end of the gripe, when the stock is lengthened, as will be more fully described and set forth herein-after.

In the accompanying drawings, Figure 1 is a side elevation of a gun provided with our improved stock. Fig. 2 is a longitudinal sectional elevation of the same. Fig. 3 is a longitudinal sectional view of the same on the line *y y*, Fig. 2. Fig. 4 is a detail perspective view of the grooved bar or block at the inner end of the binding-screw in the stock. Fig. 5 is a cross-sectional elevation of our improved gun-stock on the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

An extension, A, provided with a longitudinal slot, B, projects from the gripe C of the stock, which is in direct contact with the barrel N. A circular joint-piece, D, is loosely mounted on the extension A, and is pivoted to the upper end of the hollow stock E by means of a pin, F, passing through the joint-piece D, the slot B, and the ends of the stock E, this extension A projecting into the hollow stock. One side of the inner end of this extension A is provided with transverse grooves G, and the opposite side is provided with longitudinal grooves H. A transversely-grooved segmental or slightly curved and grooved plate, J, is attached to the inner surface of the recessed stock in such a manner that the grooves of the plate J will run in the general direction

of the longitudinal grooves H of the extension A. A longitudinally-grooved bar or block, K, is swiveled to the inner end of a screw, L, passing through the stock E, the grooves G of the extension A and the groove of the bar K being parallel and facing each other. A filling-piece, M, is mounted on the extension A, between the upper end of the stock E and the gripe C, to fill up the space between the upper end of the stock and the said gripe C when the extension is drawn out of the stock a certain distance—that is, when the latter is lengthened.

The operation is as follows: The inclination of the barrel of the gun to the stock can be varied, as the barrel is pivoted to the stock. By pressing the extension against the plate J by means of the screw L the barrel can be locked in the desired position. Figs. 1 and 2 show the stock lengthened, and if the same is to be shortened the barrel must be removed from the stock. The joint-piece D, and finally the filling-piece M, are removed. The joint-piece D is replaced and the extension is passed into and pivoted to the stock, this extension being passed into the stock until the gripe C rests against the joint-piece D, as shown in Fig. 3, and is locked in this position by pressing the grooved bar or plate K against that side of the extension having grooves G by means of the screw L. The stock can thus be lengthened or shortened very conveniently, and the inclination of the barrel to the stock can also be varied very easily.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. In a gun, the combination, with the barrel N and the hollow stock E, of the slotted extension A and the joint-piece D, mounted on the extension A, substantially as herein shown and described, and for the purpose set forth.

2. In a gun, the combination, with the barrel N, the joint-piece D, and the hollow stock E, of the slotted extension A, provided with transverse grooves G, and the longitudinally-grooved bar K and the screw L, substantially as herein shown and described, and for the purpose set forth.

3. In a gun, the combination, with the bar-

rel N, the joint-piece D, and the hollow stock E, of the extension A, having longitudinal grooves H, the grooved plate J, and the screw L, substantially as herein shown and described, 5 and for the purpose set forth.

4. In a gun, the combination, with the barrel N, the joint-piece D, and the hollow stock E, of the slotted extension A, the filling-piece M, the grooved plate J, and the screw L, substantially as herein shown and described, and 10 for the purpose set forth.

5. In a gun, the combination, with the bar-

rel N and the hollow stock E, of the slotted extension A, the filling-piece M, the joint-piece D, the grooved plate J, the grooved bar or 15 block K, and the screw L, substantially as herein shown and described, and for the purpose set forth.

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Witnesses:

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