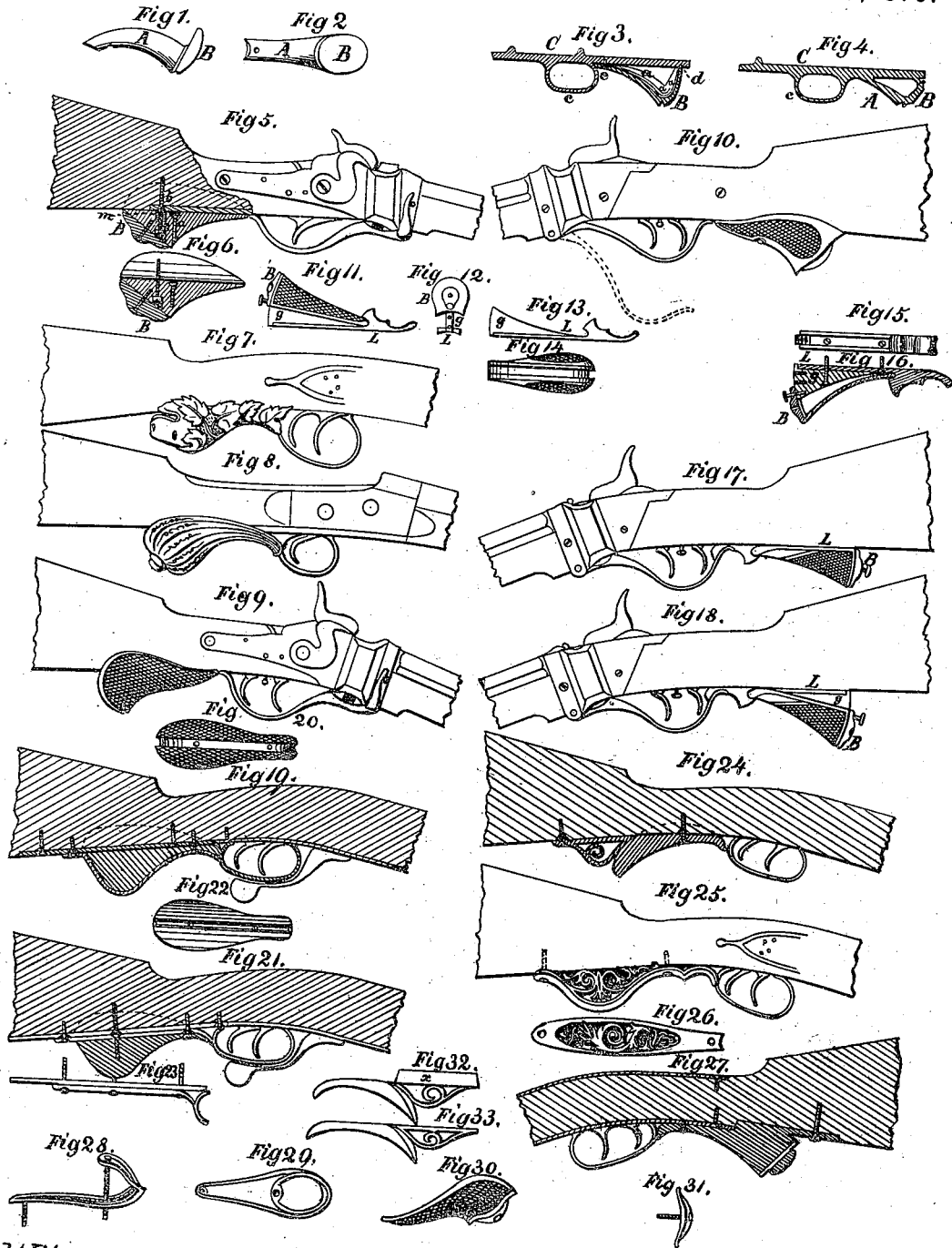


F. W. FREUND.  
 Detachable Pistol-Grip for Fire-Arms.

No. 168,834.

Patented Oct. 19, 1875.



Witnesses:  
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 by  
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# UNITED STATES PATENT OFFICE.

FRANK W. FREUND, OF CHEYENNE, WYOMING TERRITORY.

## IMPROVEMENT IN DETACHABLE PISTOL-GRIPS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. 168,834, dated October 19, 1875; application filed March 19, 1875.

### CASE A.

To all whom it may concern:

Be it known that I, FRANK W. FREUND, of Cheyenne, county of Laramie and Territory of Wyoming, have invented a new and useful Improvement in Pistol-Grips for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 an inverted plan view, showing my pistol-grip. Fig. 3 is a sectional view of my pistol-grip applied to the trigger-plate of an ordinary gun. Fig. 4 shows my pistol-grip, a trigger-guard, and a trigger-plate made in one piece.

My invention consists in a grip for guns made separate from the stock and adapted to be attached thereto.

Figs. 1 and 2 show my improved pistol-grip ready to be attached to an ordinary gun not having a grip. It is made of any suitable material, preferably of iron, and can be cast or made in a single piece, though, for convenience of finishing, I may construct the parts A and B of separate pieces and afterward unite them. It may also be made of horn, ivory, or wood, or partly of metal with either of these materials, or may be cast of gutta-percha. The part A is that portion of my pistol-grip which is grasped by the hand of the sportsman while taking aim and during the act of firing.

One advantage of making the part A and butt B separately is, that each piece can be cut out of sheet metal and formed in a die, after which they may be united, thus greatly facilitating the manufacture of the pistol-grip.

The butt B is made to extend upward a sufficient distance above its connection with the part A to afford such a pitch or downward extension of the pistol-grip, with relation to the part of the gun to which it is to be attached, as will allow the hand to have a full and firm hold upon it when firing the gun. The interior of the parts A and B may be hollowed out, as shown at *a a a*, Fig. 3, thus making the grip light, if made out of metal,

so as not to add materially to the weight of the gun to which it may be applied.

In Fig. 3 I have shown my pistol-grip applied to the trigger-plate C of an ordinary gun in rear of the trigger-guard *c*. To effect this, a notch, as at *d*, is, in this instance, cut in the trigger-plate, so as to receive therein a portion of the upper part of the butt B of my grip, as shown, so that when the pistol-grip is placed in position against the trigger-plate, as indicated in Fig. 3, it will be securely held in place by the screw *e*, as represented.

In Fig. 4 the pistol-grip A B, trigger-guard *c*, and trigger-plate C are wrought out of one piece of metal. This plan admits of the grip being attached to and removed from the stock without marring it, it simply being necessary to screw in or out the screw or screws which fasten the trigger-plate in position upon the stock.

It will thus be seen that I have made a pistol-grip in the form or likeness of the lower part of the stock of a pistol, and which is adapted for attachment to the stock of a gun, (and readily detachable therefrom, if desired,) and which can be conveniently and firmly grasped by the hand of the sportsman when taking aim and during the act of firing.

Figs. 5 and 6 of the drawings illustrate my grip for ready attachment to Sharp's rifles, or to any machine-made stock where screw-holes are all placed alike. In both of these figures, the screw *a*, which has held the trigger-plate in position, is taken out and screwed into the grip until needed again. In place of the screw *a* removed, a screw, *b*, is inserted, having a head to hold down the trigger-plate, and which head has a hole and thread to hold a screw, *c*, which thereby holds the grip to the stock, the butt B being afterward screwed on and covering the hole. The screw *b* has a transverse hole, *m*, through its head, into which a wire or awl may be inserted to screw it in.

Figs. 7, 8, 9, and 10 are modifications of my pistol-grip.

Figs. 11, 12, 13, 14, 15, 16, 17, and 18 show a construction of my pistol-grip, whereby

that portion of the grip which comes immediately in contact with the hand in the act of firing may be adjusted more or less from the under side of the stock to which the grip is applied—as, for instance, I may make my grip with a plate, L, as in Figs. 11, 12, 13, and 16, having a web, g, with screw-holes in its outer end, as indicated in Figs. 12 and 16, into either one of which holes a screw passing through the butt B of the pistol-grip may be made to enter, and so adjust the lower portion of the grip a greater or less distance from the stock of the gun.

In Fig. 17 I show the under portion of my grip adjusted close up to the stock, while in Fig. 18 it is adjusted to its full extent down below the stock.

Figs. 19, 20, 21, 22, and 23 show a modification of my pistol-grip and mode of attaching same to the stock of a gun.

Figs. 24, 25, and 26 show scroll forms of gripe, but which I so construct that they may be applied to the stock of a gun without cutting away the stock, and which may be removed without leaving the stock marred or disfigured, as the screws used for attaching them to the stock may be inserted again in their proper screw-holes after the grip is removed.

In Fig. 27 I show an example of applying my pistol-grip to the stock of a gun in the old-fashioned way, by cutting away a portion

of the stock; but such mode of applying I regard as objectionable, notwithstanding all the advantages of the pistol-grip form are retained.

Figs. 28, 29, 30, and 31 are modified forms of my pistol-grip.

In Fig. 32 I show a well-known or scroll form of grip, having a portion, x, which is let into a rabbet cut in the stock when applied thereto; and in Fig. 33 I show a gripe of the same character, but adapted to be applied to the stock of a gun in a similar manner to my pistol-grip, without marring or cutting away the stock.

What I claim is—

1. A separate or detachable grip, made in the form of the lower part of the stock of a pistol, and adapted for attachment to the stock of a gun, substantially as described.
2. A grip made separate from the stock of a gun, and adapted to be applied to the outside of the stock by suitable means of attachment without cutting away the stock, substantially as described.
3. A pistol-grip, trigger-guard, and trigger-plate combined, and made of a single piece, substantially as described.

FRANK W. FREUND.

Witnesses:

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