F. W. FREUND.

Pistol-Grip Attachment for the Stocks of Fire-Arms.

No. 162,373. Patented April 20, 1875.

Fig. 1

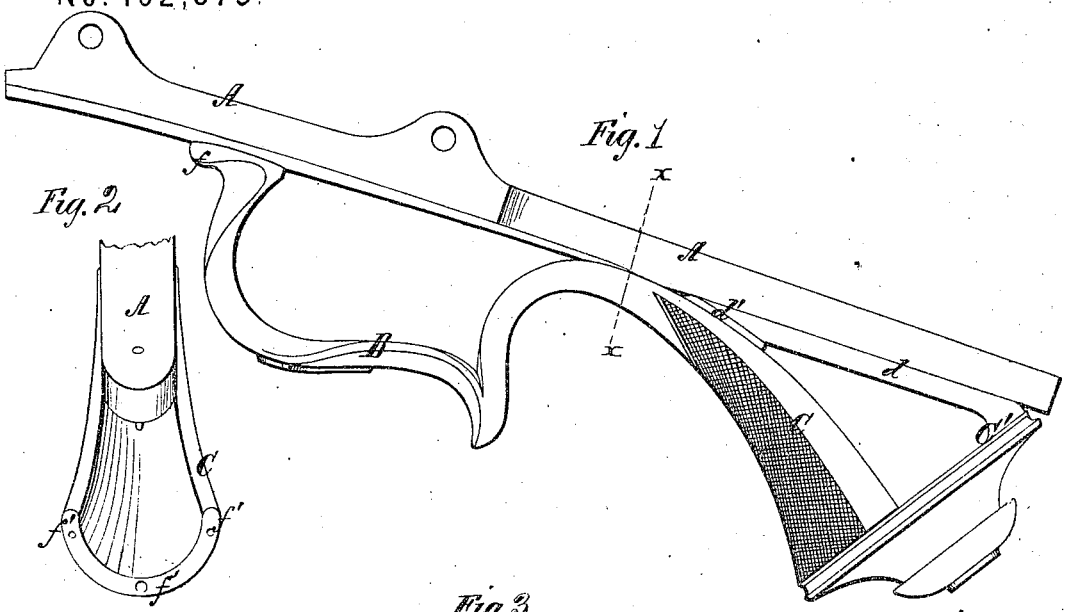

Fig. 2

Fig. 3

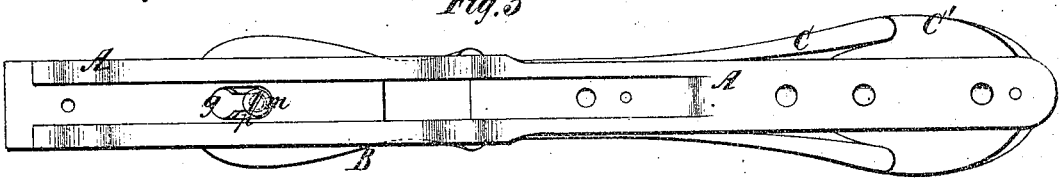

Fig. 4

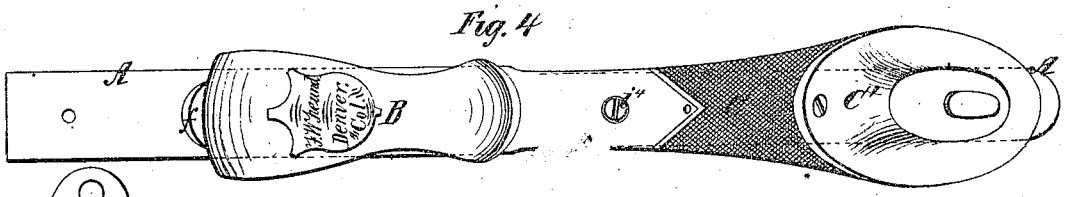

Fig. 5

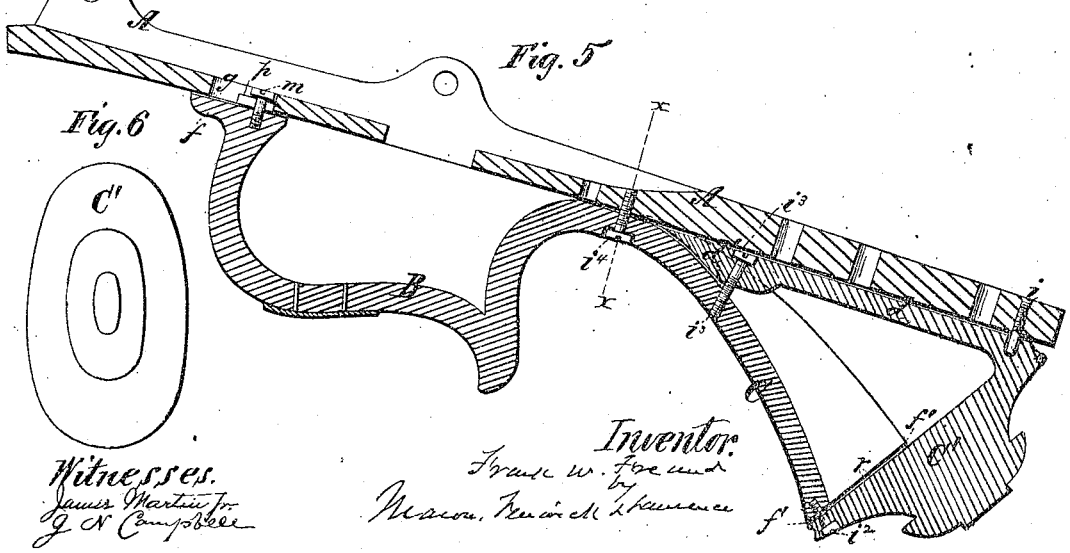

Fig. 6

Witnesses.
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UNITED STATES PATENT OFFICE.

FRANK W. FREUND, OF DENVER, COLORADO TERRITORY.

IMPROVEMENT IN PISTOL-GRIP ATTACHMENTS FOR THE STOCKS OF FIRE-ARMS.

Specification forming part of Letters Patent No. **162,373**, dated April 20, 1875; application filed March 19, 1875.

CASE B.

To all whom it may concern:

Be it known that I, FRANK W. FREUND, of Denver, county of Arapahoe and Territory of Colorado, have invented a new and useful Pistol-Grip and Trigger-Guard 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 of my combined pistol-gripe and trigger-guard; Fig. 2, a rear-end view of the lower and inner shell portion of the pistol-grip, and the rear end of the trigger-plate, with the butt of the pistol-grip removed; Fig. 3, a plan view, showing the perforations in the trigger-plate by means of which said plate can be attached to a gun, and also the button-slot through the plate, for affixing the forward end of the trigger-guard to said plate; Fig. 4, a plan view of the under side of the pistol-grip and trigger-guard; Fig. 5, a longitudinal central section; Fig. 6, a plan view of the rear end.

My invention has for its object the construction of a combined "pistol-grip" and trigger-guard, which, in connection with the trigger-plate of a fire-arm, can be readily applied to the ordinary guns now in use.

In the drawings, I have shown a trigger-plate as ordinarily applied to what is known as the "Remington," as well as other guns, which plate is provided with perforations for the reception of screws necessary to confine said plate to the gun-stock, as well as to confine in place those portions of the lock which are usually attached to or held in place by the trigger-plate. These perforations may be somewhat differently arranged in some trigger-plates to which my invention may be applied, according to the character or construction of the lock of the gun, and as other circumstances may require.

In the figures, and as clearly shown in Figs. 1 and 5, will be seen a trigger-guard, B, having its front extremity commencing at *f*, and terminating at a suitable point, as shown by dots at *x x*, from which point the material composing the trigger-guard is extended down with increasing diameter, and in oval form, until the extremity *f' f'* is reached, as shown, thus composing from about the line *x x* to the terminating points *f' f'* the lower portion C of my pistol-grip. This shell or hollowed-out portion C, as plainly indicated in Fig. 2, may be composed of or struck up from any suitable metal. In Fig. 5 I have shown, in section, that part of my pistol-grip, which constitutes the butt C', which butt is formed with an extended piece, *d*, to fit against the under side of the trigger-plate, as shown in Fig. 5, and be held in place against said plate by a screw-fastening, as at *i*, while the lower portion of the butt is secured to the shell C by the screw-fastening i^2, the forward end of the extension *d* being also secured to the shell C by a like fastening, as at i^3. This latter fastening i^3 is made through a thickened part, *d'*, of the butt extension *d*, for the additional security of such fastening, which part *d'* is so tapered and formed as to seat itself in the shell C adjacent to the dotted line *x x*, as indicated in Figs. 1 and 5.

In my application for a patent for a new and useful guard-lever and pistol-grip for breech-loading fire-arms, filed in the United States Patent Office on an even date herewith, I have shown a guard-lever, a pistol-grip, and a trigger-guard made of one piece of metal—that is to say, the whole of the grip in rear of the trigger-guard, including the butt of the grip, as therein shown, is made of one continuous piece of metal or other proper material. By my present invention I facilitate the manufacture of my pistol-grip by making it in two main portions, as shown in Figs. 1 and 5, since in such case the shell or concave portion C admits of the ready insertion of tools for finishing the same after it is formed, and since also the butt portion C', with its extension *d*, can be more readily made of metal than would be the case if the whole were made together. Besides this, it adds greatly to the general effect and beauty of the whole, when that portion of the grip and the trigger-guard, as shown at C in Fig. 5, is made in metal, while that portion shown at C', Fig. 5, is constructed either of horn or ivory, or suitable material other than metal, which advantage cannot be se-

cured when the whole is made entirely of metal.

Heretofore the forward end *f* of trigger-guards have had a screw projecting from the inner face of such end, which screwed into a screw-hole in the plate, in order to secure the guard and plate together at that point, or else a screw has been passed entirely through such end and into the plate. By my construction I cut a button-slot, as at *g*, through the plate, one portion thereof being circular, while another portion is elongated and contracted in diameter, and leaving on either side thereof a shoulder, as at *p*, so that the head of a screw may pass freely through the circular opening, after which the body of the screw may be drawn back in the contracted portion of the button-slot, with the head upon the shoulder *p*, as shown, and thus hold the screw and the part into which the screw projects securely in place. As shown in Fig. 5, *m* is a screw partly screwed down into the inner face of the forward end of the trigger-guard, after which it may be made to seat itself, as shown in said figure.

Having finished the part in metal of a portion of my pistol-grip in the form as shown in Fig. 5, and inserted the screw *m* therein, as shown, and having finished in horn, ivory, gutta-percha, or metal, as the case may be, another portion, C′, of my pistol-grip, the two parts are then placed in juxtaposition with each other, as indicated in Fig. 5, by means of the screw-fastenings i^2 and i^3. This being done, the screw *m* is inserted into the slotted opening *g*, and is then drawn back until the head of the screw seats itself on the shoulder *p*, after which act the screws *i* and i^4 are properly inserted, thus fastening the pistol-grip and trigger-guard securely to the trigger-plate. A pin, *r*, which projects from the butt C′, serves also to retain said butt in proper position.

I would also state that when the main portions of my invention are made in detached parts, as shown, the ornamental figures which constitute a part of the butt C′ can be wrought with much greater facility, and at much less cost, than can be done when the whole is constructed of a single piece of metal or other material.

What I claim is—

1. A pistol-grip consisting of a hand portion and a separate butt portion, substantially as described.

2. A pistol-grip having the metallic part, as at C, struck up from thin or sheet metal, substantially as described.

3. A trigger-guard provided with an adjustable head or screw, *m*, in combination with a trigger-plate having a slot, *g*, and shoulder *p*, substantially as and for the purpose described.

FRANK WM. FREUND.

Witnesses:

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J. W. HAMILTON JOHNSON.