

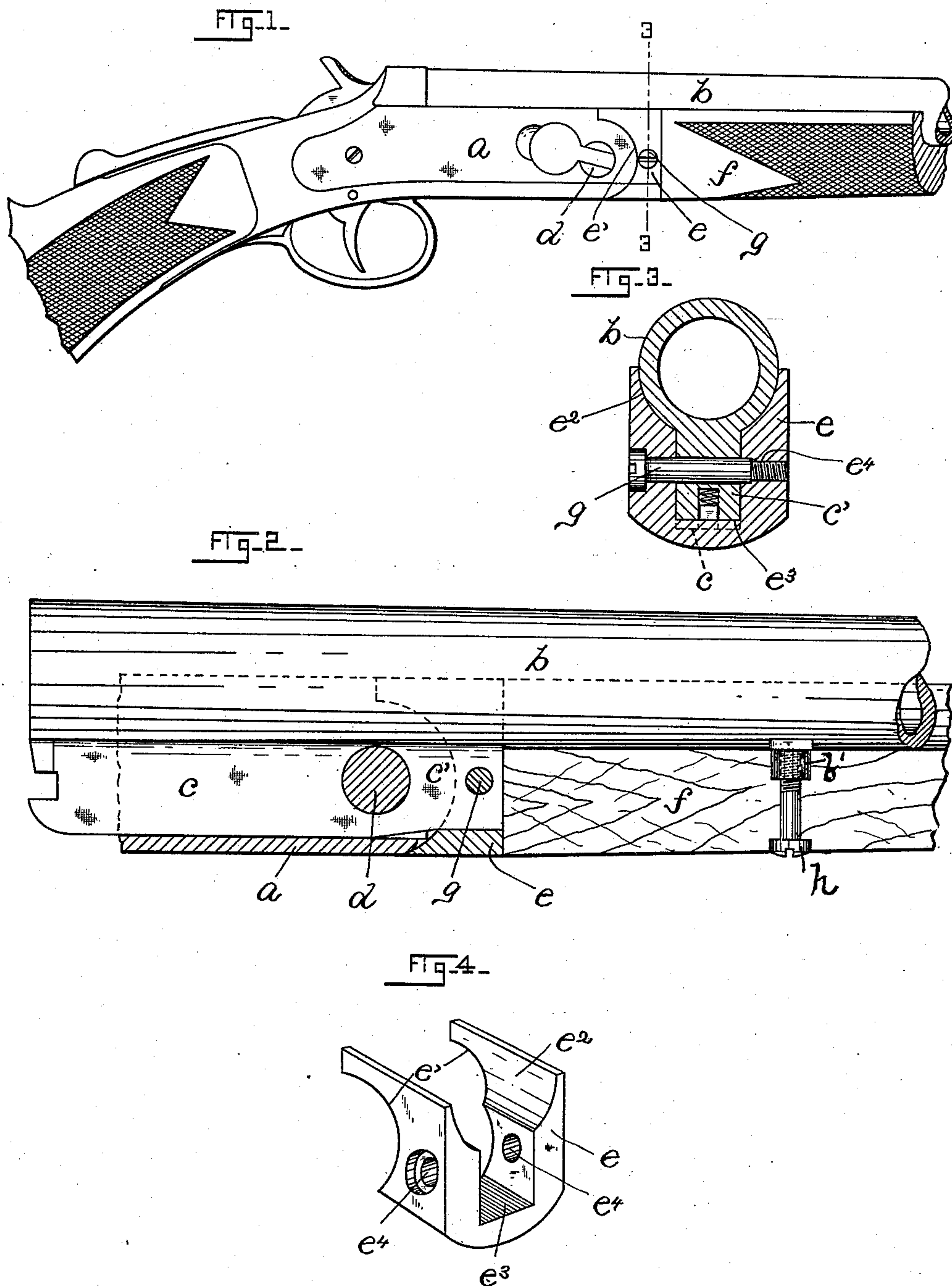
No. 701,158.

W. H. DAVENPORT.
BREAKDOWN GUN.

Patented May 27, 1902.

(Application filed Aug. 7, 1901.)

(No Model.)



WITNESSES

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UNITED STATES PATENT OFFICE.

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BREAKDOWN GUN.

SPECIFICATION forming part of Letters Patent No. 701,158, dated May 27, 1902.

Application filed August 7, 1901. Serial No. 71,173. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. DAVENPORT, a citizen of the United States, residing at Norwich, in the county of New London and State of Connecticut, have invented certain new and useful Improvements in Breakdown Guns, of which the following is a full, clear, and exact description.

This invention is in "breakdown" guns; and it seeks to provide means for securing the fore-end strap to the barrel. Heretofore it has been most common to attach the fore-end strap fixedly to the fore-wood and so that when the fore-wood is removed from the barrel the said strap comes off with it. In my improved construction the fore-wood may be removed independently and the "strap" will ordinarily remain fixed upon the barrel, although it may, if so desired, be separated therefrom by the removal of a single screw.

To assist in explaining my invention, the accompanying drawings have been provided, which serve to illustrate the same, as follows:

Figure 1 is a side elevation of an arm fitted up with the newly-invented improvements. Fig. 2 shows in elevation, on a somewhat-enlarged scale, the rear end of the barrel and also in section portions of the arm immediately related to the said barrel end. Fig. 3 is a cross-sectional view of the arm, taken on the line 3-3 of Fig. 1. Fig. 4 is a perspective view of a certain element of the arm—to wit, the fore-end strap, which forms the important feature of this invention.

Referring to the drawings, the letter *a* denotes the frame of the arm; *b*, the barrel; *c*, the barrel-lug; *d*, the hinge-pin, securing the said frame and barrel together.

e denotes a block or strap, (being the element above mentioned as forming the important feature of this invention,) and *f* denotes the fore-wood of the arm.

Heretofore, so far as I am familiar with this class of arms, it has been the common practice to fixedly secure to the fore-wood a metallic rear end portion (corresponding to the present plate *e*) in such manner that the said rear end portion and fore-wood are practically a single structure and as such may be readily removed from or attached to the barrel. When

thus made as a single structure, provision in the form of a readily-operated latch or catch is made for removably attaching the fore-wood to the barrel. My present improvement provides in a simple and inexpensive manner means whereby the fore-end strap may be rigidly attached to the barrel.

It will be noted by reference to Fig. 2 of the drawings that the barrel-lug *c* extends a considerable distance forward of the joint-pin *d*, as at *c'*, instead of being stopped off at the point where the fore-end strap begins, as is most customary in this class of arms.

The form of the fixed fore-end strap which I have substituted for the ordinary removable strap is best seen in Fig. 4, and the same consists of a block *e*, whose rear portion is formed with semicircular recesses *e'*, adapted to cooperate with the front end of the gun-frame *a*, and the upper portion of said block is recessed, as at *e²*, to fit snugly against the lower side of the gun-barrel. The body of said block is mortised or chambered, as at *e³*, to receive the described extension *c'* of the barrel-lug, and the said block is drilled and counterbored transversely, as at *e⁴*, to receive a screw *g*, which passes through the said block and lug to secure said parts together, as is best seen in the sectional Fig. 3.

When the several parts of the gun are assembled, the rear end of the fore-wood *f* simply abuts the flat front face of the block *e* instead of being secured thereto by tenon and mortise, as is ordinarily practiced. This construction and arrangement of parts provides a convenient and cheap means for fixedly securing the fore-end strap to the barrel and for fitting the abutting ends of the block and fore-wood. The latter may be secured to the barrel by any practicable means. As here shown, it is secured in place by a screw *h*, that is tapped into a boss *b'* on the said barrel.

Having thus described my invention, I claim—

1. In combination, in a breakdown gun, a frame and barrel hinged together substantially as set forth, a lug beneath the barrel and extended forward of the hinge-joint, and a fore-end strap secured to the said lug extension.

2. In combination, in a breakdown gun, a frame and barrel hinged together substantially as set forth, a barrel-lug extended forward of the hinge-joint, a fore-end strap
5 fixedly secured to said lug extension, a fore-wood abutting the said fore-end strap and means for securing the fore-wood to the barrel.

Signed at Norwich, Connecticut, this 27th day of July, 1901.

WILLIAM H. DAVENPORT.

Witnesses:

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