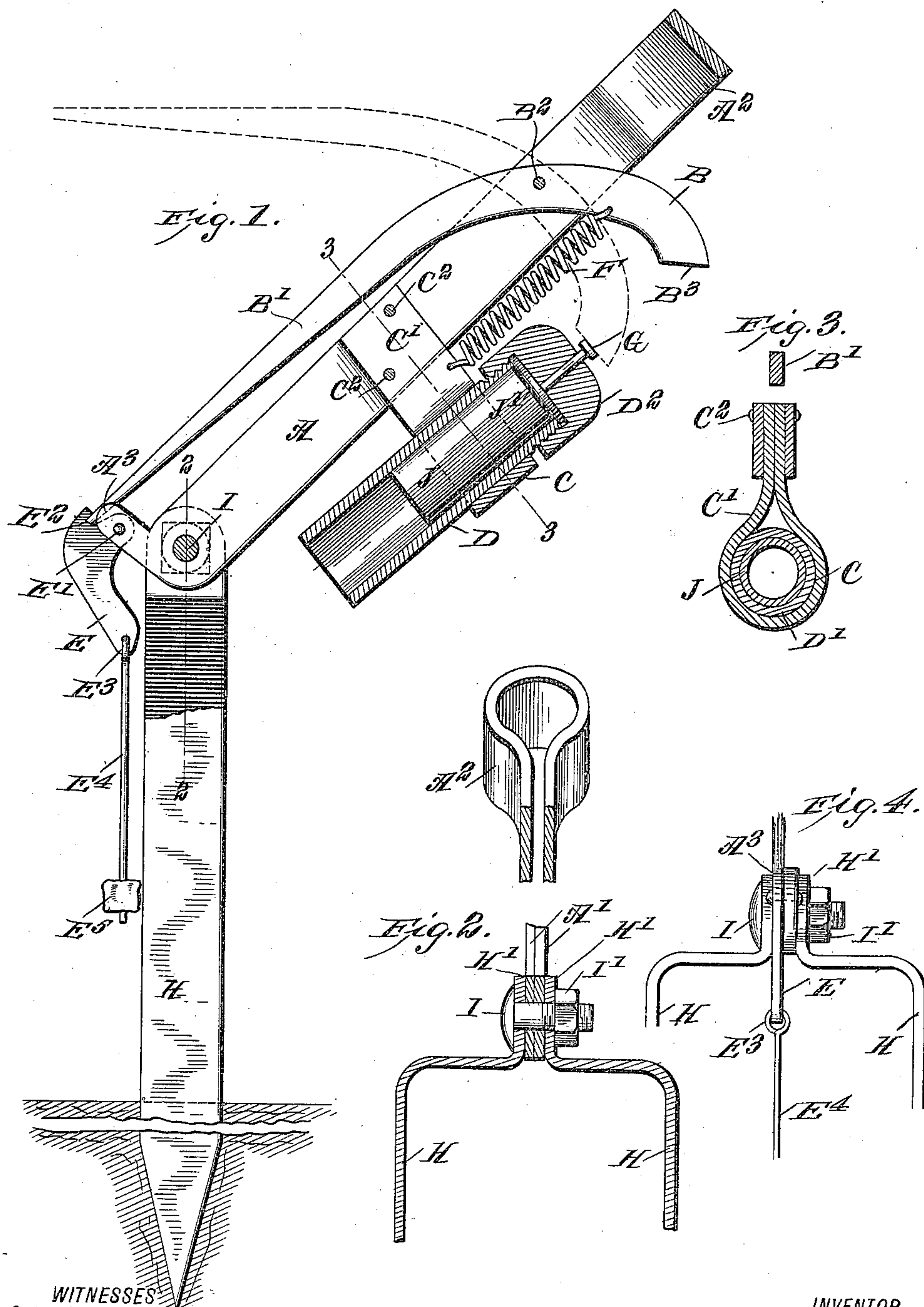


F. M. AUSTIN.
GOPHER GUN.
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964,367.

Patented July 12, 1910.



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UNITED STATES PATENT OFFICE.

FRANK M. AUSTIN, OF BEAVERTON, OREGON.

GOPHER-GUN.

964,367.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK M. AUSTIN, a citizen of the United States, and a resident of Beaverton, in the county of Washington and State of Oregon, have made certain new and useful Improvements in Gopher-Guns, of which the following is a specification.

This invention is an improvement in so-called gopher guns; and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing, Figure 1 is a side view partly in section of a gun embodying my invention; Fig. 2 is a detail section on about line 2—2 of Fig. 1, parts being omitted; and Fig. 3 is a cross section on about line 3—3 of Fig. 1; Fig. 4 is a detail front view, parts being broken away.

My gun as shown comprises a main frame A which is shown as having the side bars A' united at their upper ends by a rounded loop A² and extending throughout the major portion of their length side by side and spaced slightly apart to receive between them the hammer B and the ends C' of the clasp C which secures a barrel D in position. The rounded upper end A² of the main frame forms a convenient handle for manipulating the device, and the barrel D is clasped by the clamp C and has its arms C' riveted at C² to and between the arms A' of the main frame A. At their lower ends the arms A' are brought close together as best shown in Fig. 2 and one of these arms is provided with an extension A³ to which the trigger E is pivoted at E' as shown in Figs. 1 and 2 of the drawing. This trigger E is provided at E² with a notch receiving one end of the arm B' of the hammer B, the said hammer being pivoted at B² and having its other arm formed at B³ to operate as a hammer upon the firing pin presently described. The trigger E has an extending arm E³ which may be lifted to disconnect the trigger from the hammer and release the latter so it may be operated by its spring F to strike the firing pin G in the operation of the invention. A trigger rod E⁴ depends from the arm E³ of the trigger and may be provided with a block or piece of wood, cork or other material as shown at E⁵ which may be lifted by the animal as it passes below the trigger rod, thus tilting the trigger upwardly at its lower or right hand end as shown in Fig. 1 and re-

leasing the hammer B which may be operated as before described.

The main frame is pivoted between upwardly projecting arms H' of the sections H of the supporting fork or standard by means of the bolt I whose nut I' may be tightened sufficiently to clamp the lower end of the main frame between the arms H' of the support with sufficient tension to secure the main frame in any suitable position to which it may be adjusted relatively to the support. This will be understood from Figs. 1 and 2 of the drawing. By this form of connection between the main frame and the support the main frame can be conveniently set to and secured in any desired position.

The gun D has its barrel D' clamped as before described and this barrel is open at its upper end to receive the breech D² which screws on the threaded end of the barrel and operates to clamp the bead J' of the cartridge J to the upper end of the barrel D' when the parts are applied as shown in Fig. 1. This breech block has an opening for the firing pin G which is operated by the hammer and fires the cartridge when struck in the operation of the invention and the breech block may be readily removed and replaced whenever desired to renew the charge of the gun.

The construction is simple, easily adjusted to any suitable position, can be conveniently folded in compact form when not in use and efficiently serves the purpose for which it is desired.

I claim:

1. An apparatus substantially as described comprising a support having upwardly projecting arms, a main frame composed of a bar bent at its middle and having at such point a rounded loop connection and having its side bars parallel and spaced apart throughout a major portion of their length, and clamped at their lower ends between the upwardly projecting arms of the support, one of said arms being extended at its lower end, a trigger pivoted to such extension of the arm and having a seat for a part of a hammer, a hammer pivoted between its ends and the side bars of the main frame and arranged at one end for engagement by the trigger and having a hammer portion at its other end, a gun having a barrel and a breech block secured

on one end thereof and adapted to clamp a cartridge head against such end of the barrel, said breech block having a firing pin arranged to be struck by the hammer, a
5 spring actuating the said hammer and a barrel holder having a clamp embracing the barrel and secured between the arms of the main frame, all substantially as and for the purposes set forth.

10 2. An apparatus substantially as described comprising a support, a main frame pivoted at one end to said support and extending thence and having parallel side bars spaced apart throughout a major portion of
15 their length, a barrel arranged on one side

of said frame and approximately parallel therewith, a clamp embracing the barrel and secured to the main frame, a hammer pivoted to the main frame and between the bars thereof and having at one end a head to
20 operate in connection with the barrel and having its other end extending along the opposite side of the main frame from the barrel and a trigger for holding and releasing said hammer, substantially as set forth. 25

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Witnesses:

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