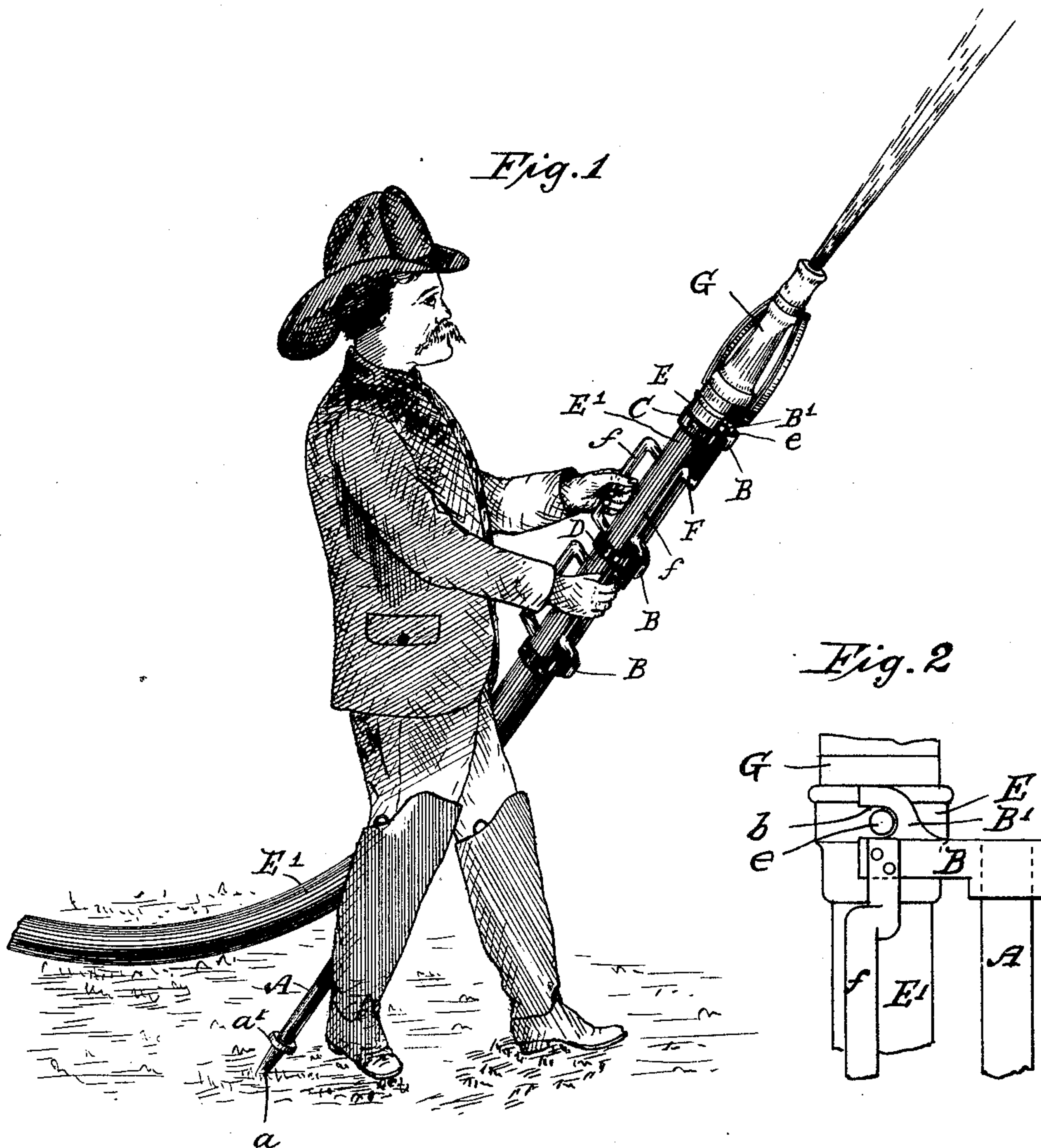


(No Model.)

C. R. ROBINSON.
FIRE HOSE REST OR SUPPORT.

No. 407,118.

Patented July 16, 1889.



Witnesses

W.B. Howe

C.M. Ferrin

Inventor

Cyrus R. Robinson

By his Attorney J.B. Thurston

UNITED STATES PATENT OFFICE.

CYRUS R. ROBINSON, OF EAST CONCORD, NEW HAMPSHIRE.

FIRE-HOSE REST OR SUPPORT.

SPECIFICATION forming part of Letters Patent No. 407,118, dated July 16, 1889.

Application filed December 26, 1888. Serial No. 294,586. (No model.)

To all whom it may concern:

Be it known that I, CYRUS R. ROBINSON, a citizen of the United States, residing at East Concord, in the county of Merrimac and State of New Hampshire, have invented certain new and useful Improvements in Attachments to Fire-Hose, of which the following is a specification.

The object of this invention is to provide means whereby a single fireman can handle and direct a hose or nozzle discharging a powerful stream with ease, which has heretofore been a difficult task for two or more men to control.

The invention will be clearly understood by reference to the following specification and claims, in connection with the accompanying drawings, forming an inseparable part thereof, of which—

Figure 1 represents a fireman while in the act of directing a stream from a hose to which is attached my improved support. Fig. 2 is a broken elevation showing a portion of my improvements on an enlarged scale. Fig. 3 is a cross-section of my improved support detached from the hose.

My invention involves the use of a supporting-bar A, upon which are mounted two or more iron or metal brackets B, each being lined with a leather strap C, provided at one end with a buckle D. Upon the bracket located at the top of the bar A is formed on each side a projecting ear B', having a slot b formed horizontally therein for the entrance of a stud e, formed on opposite sides of the ordinary coupling E, with which hose-pipes or fire-hose are provided. To each side of either bracket B a rod F is riveted, this being bent as indicated in the drawings, the parts f of which serve the purpose of handles, as will be hereinafter explained. Heretofore it has been the custom to attach between the hose-coupling E and a nozzle G a so-called "discharge-pipe," made usually from two and a half to five feet long, the hose-pipe which is attached to such discharge-pipe being often supplied with handles; but by means of the handles f, the brackets B, and rod A, forming a hose-rest whose parts are all rigidly connected, I can use the end of any ordinary

piece of hose E', applying the nozzle G direct, and accomplish much better results than can be attained in the other manner mentioned above. The rod A may be solid or formed of pipe-sections, as desired.

In any event the bottom is provided with a crow-bar tip a, and a collar or enlargement a' may be formed upon said bar at a point a few inches above the tip end of the part a.

To put my invention into practice the studs e of the coupling E are first placed within the slots b of the ear B'; then the ends of the straps C are inserted in the buckles D and the improved rest is ready for use. Next the apparatus may be moved to any desired point, and upon arrival thereat the operator has only to place the tip a firmly in the ground between paving-stones and the like, and he can resist all the recoil caused by the strongest force of water the pipe will stand and easily direct the stream in almost any direction, the point of the bar A acting as sort of a pivot for the nozzle G.

Having described my improvements, what I claim as new, and desire to secure by Letters Patent, is—

1. In an apparatus for partially supporting one end of a fire-hose and its nozzle, a rod to which are rigidly attached two or more brackets provided with straps and buckles for securing a section of hose therein, and rods secured at opposite sides of said brackets and bent in a manner to form handles adapted to be grasped by a fireman in directing a stream.

2. In an apparatus for partially supporting one end of a fire-hose and its nozzle, a rod having one end sharp, and provided near its sharp end with a rigid collar, two or more brackets rigidly secured to said rod provided with straps and buckles for securing a section of hose therein, and rods secured at opposite sides of said brackets and bent in a manner to form handles adapted to be grasped by a fireman in directing a stream.

3. The combination, with a rod having one end sharp and provided with a rigid collar, as shown, of a bracket rigidly secured to its opposite end, having ears at opposite sides and projecting upward therefrom and provided with horizontal slots, as shown, and

flexible straps and a buckle for securing a
section of hose thereto, one or more brackets
rigidly secured to said rod at points below its
top, provided with straps and buckles, as
5 shown, and rods secured at opposite sides of
said brackets and bent in a manner to form
handles adapted to be grasped by a fireman
in directing a stream.

In testimony whereof I affix my signature in
presence of two witnesses.

CYRUS R. ROBINSON.

Witnesses:

J. B. THURSTON,
EDGAR H. WOODMAN.