No. 655,142. Patented July 31, 1900.

E. A. WHITAKER.

PLAY PIPE FOR FIREMEN'S HOSE.

(Application filed May 1, 1899.)

(No Model.)

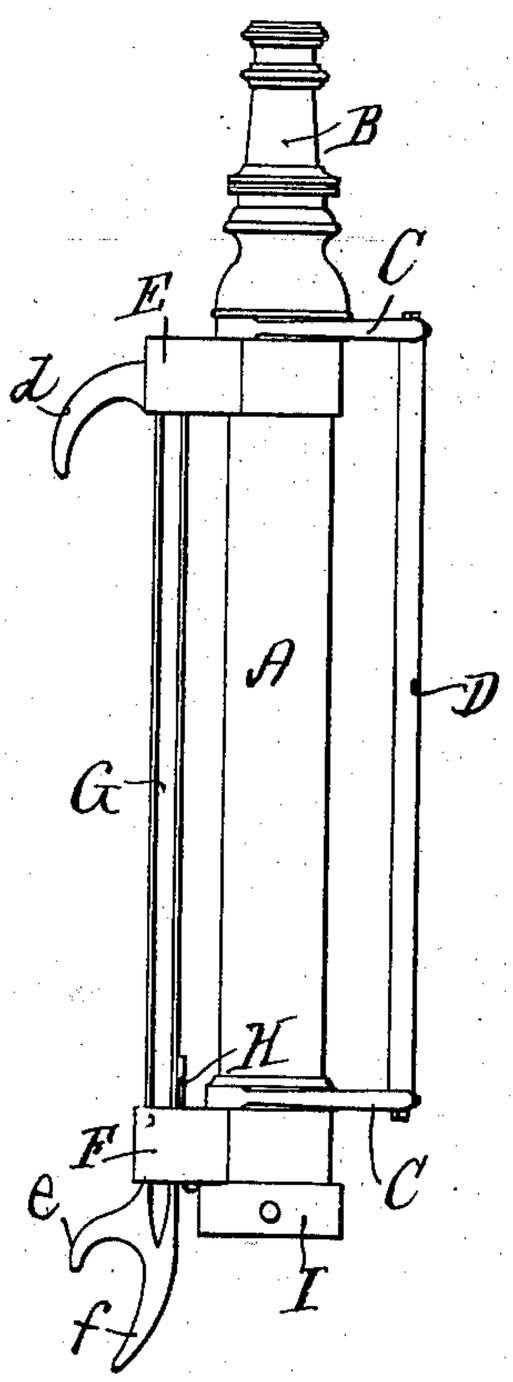


FIG. 1.

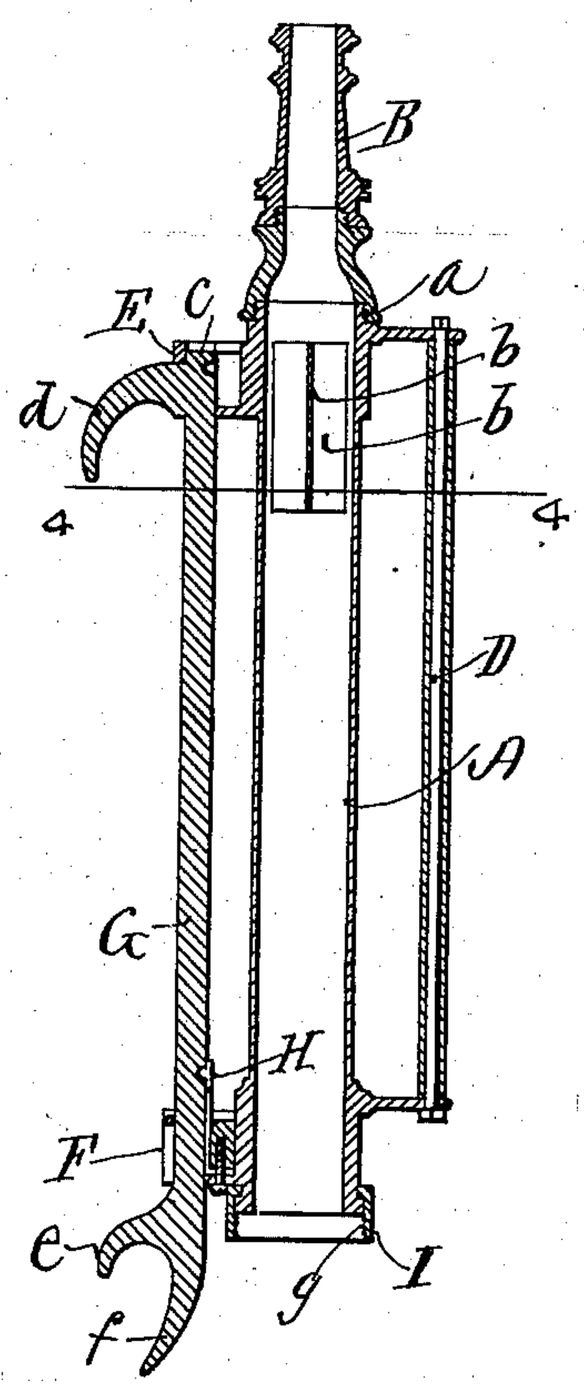


FIG. 3.

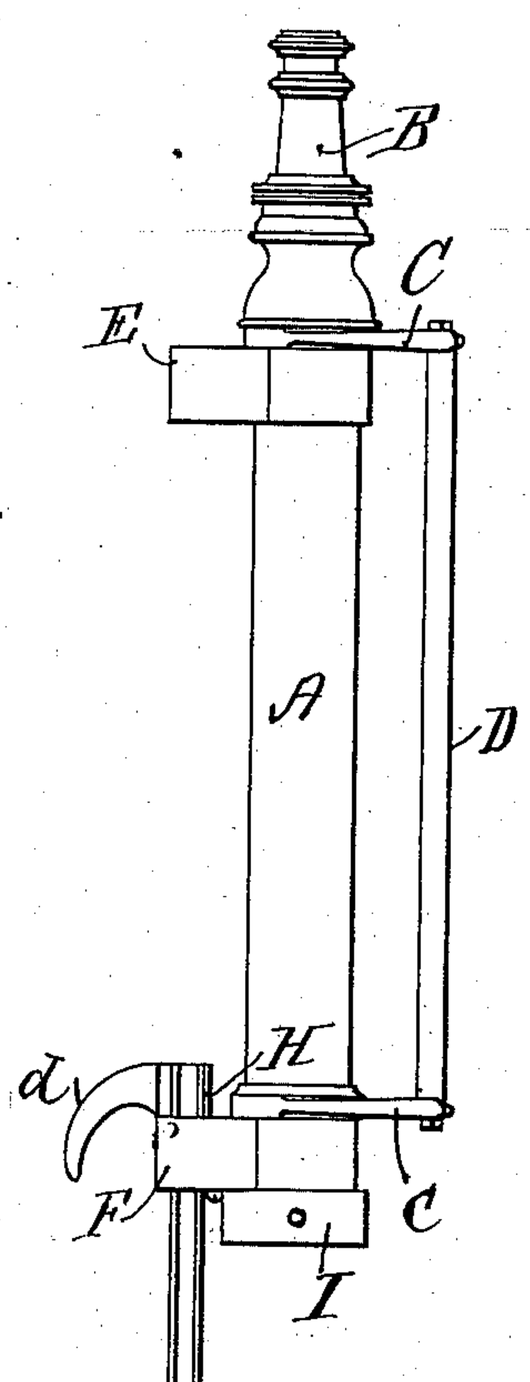
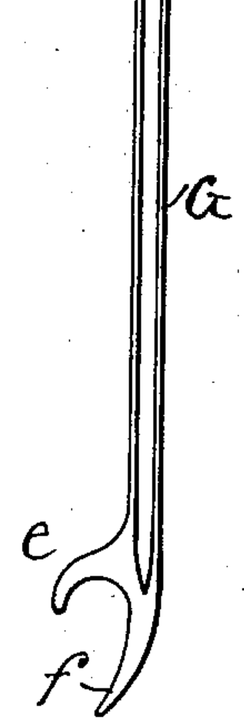


FIG. 5.



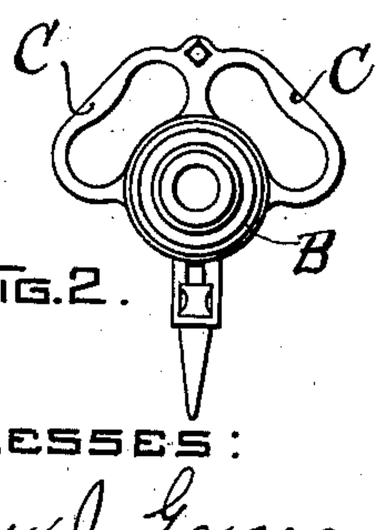


FIG. 2.

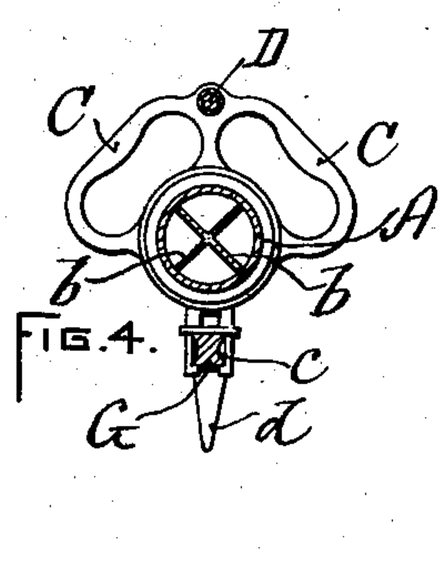


FIG. 4.

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UNITED STATES PATENT OFFICE.

EDGAR A. WHITAKER, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO CHARLES N. RICHARDSON, OF SAME PLACE.

PLAY-PIPE FOR FIREMEN'S HOSE.

SPECIFICATION forming part of Letters Patent No. 655,142, dated July 31, 1900.

Application filed May 1, 1899. Serial No. 715,236. (No model.)

To all whom it may concern:

Be it known that I, EDGAR A. WHITAKER, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Play-Pipes for Firemen's Hose, of which the following is a specification.

My invention consists in the combination, with the play-pipe, of an extensible bar adapted to form a support for the play-pipe and also in the combination, with the play-pipe, of transverse handles connected by a longitudinally-directed bar, also adapted to form a handle, as hereinafter fully set forth.

In the accompanying drawings, Figure 1 represents a side elevation of a play-pipe provided with my improvement. Fig. 2 represents a forward end view. Fig. 3 represents a longitudinal section. Fig. 4 represents a transverse section taken in the line 4 4 of Fig. 3. Fig. 5 represents a side view with the hook-bar extended.

In the drawings, A represents the cylindrical barrel of the play-pipe, and B the tapering nozzle, which is removably attached to the barrel by means of the screw-thread *a*. In the bore of the barrel A are placed the cross-partitions *b b*, which serve to prevent the twisting action of the water in its passage through the barrel, thus providing for the projection of a solid stream to a great distance from the end of the nozzle. At the opposite ends of the barrel A are placed the duplicate handles C C, which are connected centrally and supported by means of the rod D, which also serves for a convenient handle for the firemen in directing the stream from the nozzle. The barrel A is provided at one side with the projecting lugs E F, which are adapted to hold the sliding hook-bar G, the said bar being adapted for engagement with the rounds of a ladder or other similar support for the play-pipe, whereby the fireman will be relieved from the strain required for holding the pipe and its connected hose. The lug E provides a socket *c*, adapted to receive the upper end of the bar G and the base of the hook *d*, so that the bar G will be firmly held at its upper end, the lower end of the bar G being held for sliding movement in the lug F, the said lug being provided with the spring-catch H, by means of which the bar G is held in its two positions, one of which is represented in Figs. 1 and 3 and the other in Fig. 5, which latter extended position is adapted to form a brace for holding the pipe against the reaction of the escaping jet. The rear end of the barrel is provided with the swivel-ring I, having the internal screw-thread *g*, by means of which the hose may be readily coupled to the play-pipe for use. The bar G is provided at its lower end with a hook *e*, adapted for engagement with the rounds of a ladder or other object and with the spur *f*, adapted for the penetration of a suitable surface to hold the pipe against the reaction developed by the escaping stream.

I claim as my invention—

1. The combination of the tapering nozzle B, and the barrel A, with the handles C, C, at opposite ends of the barrel, and the connecting-rod D for supporting the handles, substantially as described.

2. The combination of the nozzle B, and the barrel A, provided at its side with the socket-lug E and the guiding-lug F, with the sliding bar G provided with the hooks *d* and *e*, and the spur *f*, and the spring-catch H arranged at the guiding-lug F for locking the bar G, substantially as described.

3. The combination of the nozzle B, and the barrel A, provided at one side with the socket-lug E, and the guiding-lug F, the handles C, C, and the connecting-rod D for supporting the handles, with the sliding hook-bar G, provided with the spur *f*, and the spring-catch H arranged at the guiding-lug F, for locking the bar G, substantially as described.

EDGAR A. WHITAKER.

Witnesses:
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JAMES THOMSON, Jr.