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E. A. WHITAKER.

HOLDER FOR FIREMEN'S HOSE.

(Application filed Dec. 31, 1900.)

(No Model.)

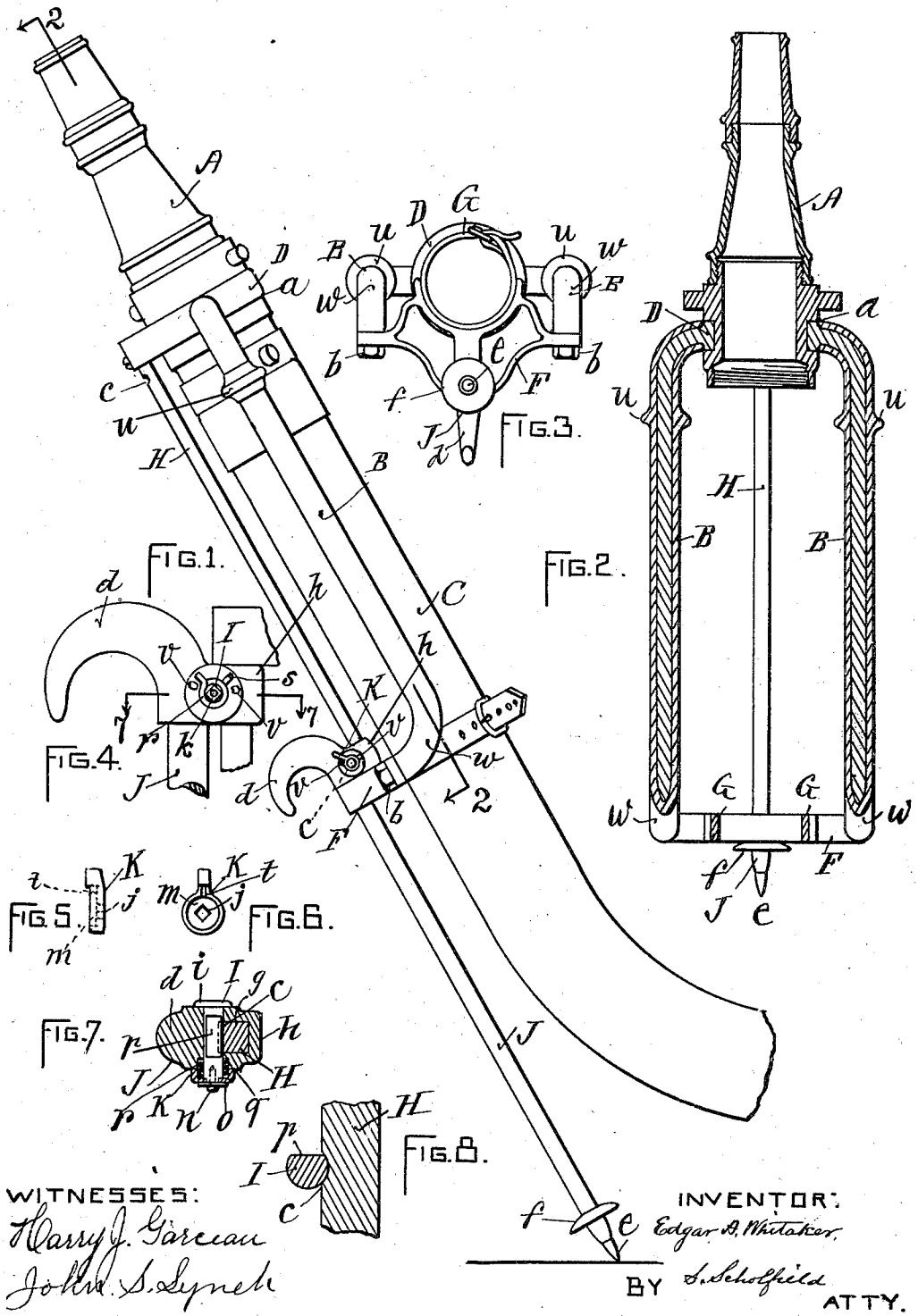


FIG. 1.

FIG. 2.

FIG. 3.

FIG. 4.

FIG. 5.

FIG. 6.

FIG. 7.

FIG. 8.

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HOLDER FOR FIREMEN'S HOSE.

SPECIFICATION forming part of Letters Patent No. 687,929, dated December 3, 1901.

Application filed December 31, 1900. Serial No. 41,739. (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 Holders for Firemen's Hose, of which the following is a specification.

My invention consists in the improved construction and arrangement of the several parts of a holder for firemen's hose, as hereinafter fully set forth.

In the accompanying drawings, Figure 1 represents a side view of the improved holder in position for use. Fig. 2 represents a longitudinal section taken in the line 2 2 of Fig. 1. Fig. 3 represents a rear end view. Fig. 4 represents an enlarged detail side view showing the locking means for the sliding bar. Fig. 5 represents an edge view, and Fig. 6 a back view, of the thumb-piece, by means of which the locking-pin for the sliding bar is operated. Fig. 7 represents a section taken in the line 7 7 of Fig. 4. Fig. 8 represents an enlarged detail section showing the locking-pin and the engaging notch in the guide-rod for the sliding bar.

In the drawings, A represents the nozzle, to which the handles B B are secured by means of the swivel-joint *a*, whereby the nozzle may be readily rotated for the purpose of screwing it onto the end of the hose-pipe C, and thus securing the forward end of the hose-pipe to the holder. The handles B B are connected with the continuous ring D at opposite sides thereof and at their rearward ends are turned downward and secured to the transverse bracket F by means of the nuts *b b*, and to the bracket F are secured the strap and buckle G, by means of which the rearward end of the holder is securely fastened to the hose. The ring D and the bracket F are connected with each other by means of the rod H, provided with semicircular notches at the points *c c*, adapted to receive the locking-pin I, which passes loosely through the hook-head *d* of the sliding brace-bar J, the lower end of the said sliding brace-bar being provided with the penetrating-point *e* and the limiting-collar *f*. The locking-pin I is made in cylindrical form and having a segmental portion *p* of its periphery cut away, as shown in Fig. 8, to allow the free movement of the head *d* of the sliding brace-bar J along the rod H, which rod passes loosely through the perforation *g*, made in the ear *h* of the head *d*. The locking-pin I is provided with the head *i* at one end and with the thumb-piece K at the other, the said thumb-piece being provided with the square perforation *j* to fit the squared portion *k* of the pin I and with the recess *m* and is held to the end of the pin I by means of the screw *n* and washer *o*. Within the recess *m* and a corresponding recess *q*, made in the head *d* of the sliding brace-bar J, is placed the torsion-spring *r*, which serves to turn the locking-pin I into engagement with the notch *c*, the inner end of the spring being secured to the head *d* at the notch *s* and the opposite end to the thumb-piece K at the notch *t*, and the stops *v v* are provided upon the head *d* for limiting the movement of the thumb-piece K in both directions. When the sliding brace-bar J is carried to its retracted position, the locking-pin I will engage with the upper notch *c*.

By the employment of a swivel-joint between the nozzle and the handles the nozzle can be readily connected with the hose, which latter may be secured to the handles by the buckle and strap or other suitable means. The enlargements *u* and the curved ends *w* of the handles serve to present a desirable holding means for the hand, the position of the hand being limited in one direction by the enlargement *u* and in the other direction by the curve of the handle, the said curved ends *w* being connected by means of the clasping-yoke.

I claim as my invention—

1. In a holder for firemen's hose, the combination of the swivel-joint ring, the opposite handles connected therewith, and the clasping-yoke with the playing-nozzle arranged to swivel within the ring of the handles, substantially as described.

2. In a holder for firemen's hose, the combination of the swivel-joint ring, and the opposite handles connected therewith, provided with a limiting enlargement at near their inwardly-turned forward ends, and downwardly-turned at their rear ends, and the clasping-yoke, with the connecting-rod be-

tween the swivel-joint ring and the clasping-yoke, and the playing-nozzle arranged to swivel within the ring of the handles, substantially as described.

3. In a holder for firemen's hose, the combination of the guide-rod, provided with the retaining-notches, with the extensible brace-bar the rotary catch, and means for operating the same, substantially as described.

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