

S. BARTON, Jr.

Distributing Apparatus for Garden-Hose Syringes,
&c.

No. 141,620.

Patented August 12, 1873.

Fig 1

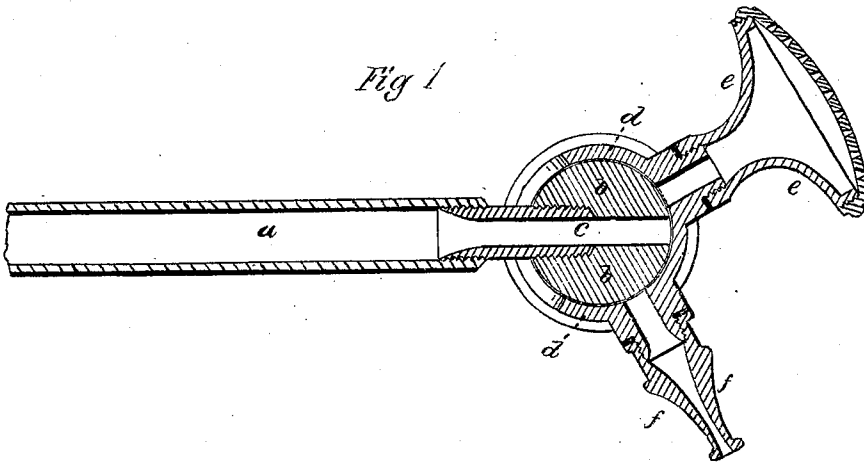


Fig 4

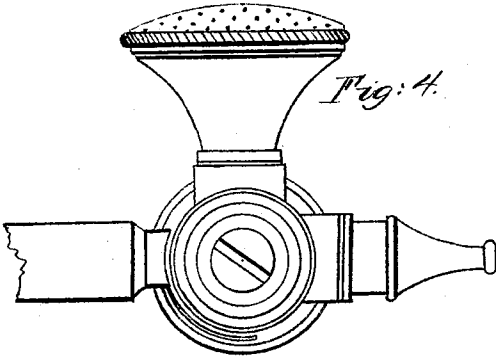


Fig 2

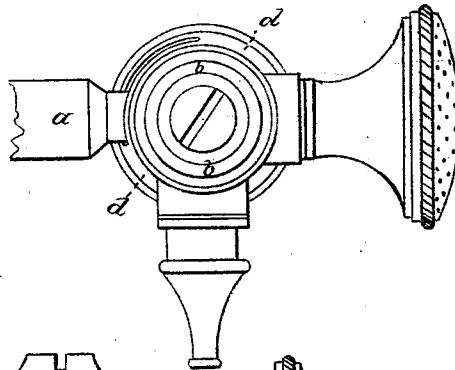
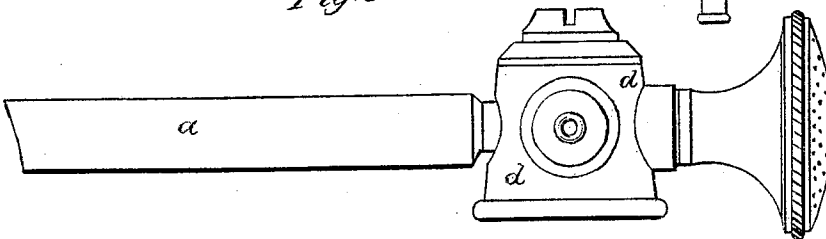


Fig 3



Witnesses.

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UNITED STATES PATENT OFFICE.

SAMUEL BARTON, JR., OF LONDON, ENGLAND.

IMPROVEMENT IN DISTRIBUTING APPARATUS FOR GARDEN-HOSE, SYRINGES, &c.

Specification forming part of Letters Patent No. **141,620**, dated August 12, 1873; application filed September 6, 1872.

To all whom it may concern:

Be it known that I, SAMUEL BARTON, Jr., of London, England, have invented certain Improvements in Distributing Apparatus for Garden-Hose, Syringes, Garden-Pumps, or Engines, Fountains, and other similar apparatus, and which are so arranged that the form or character of the jet of water or other liquid may be changed at will without removing the nozzle, of which the following is a specification:

Figure 1 in the annexed drawing is a sectional view of the apparatus in the position it assumes when the jet is closed; Figs. 2 and 3, exterior views, showing the rose open and the round jet closed.

I may here remark that it will be evident that, by placing the jets at a more acute angle, or nearer together, three or more different jets might be used, if required.

a a is part of the hand-pipe, at the end of which is screwed the short slightly-conical plug *b b* at right angles to the axis of the hand-pipe, the plug being bored transversely with a hole, *c*, corresponding with the bore of the pipe. Outside this plug is fitted a socket or circular

box, *d d*, so as to be capable of making about one-quarter of a revolution thereon, the said socket being fitted with short pipes or necks, onto or into which are screwed or otherwise fitted the rose *e e* and the round jet *f f*.

It will be obvious that, by partially turning the socket *d d* (say about one-eighth of a revolution in either direction, see Fig. 1) upon the plug *b b*, either the rose or the round jet may be brought into action, and that when the apparatus is in the position shown in Fig. 1 the pipe *c c* will be closed and both jets stopped.

Having now described the nature and object of my said invention, together with the manner in which the same is to be or may be performed or carried into effect, I claim as my invention—

A revolving socket or circular box fitted with different jets and arranged so as to turn partially on a fixed conical or other plug on the end of the hand-pipe, substantially as herein-before described.

SAMUEL BARTON, JR.

Witnesses:

JOSEPH SEXTON,
JAMES G. CASSON.