

G. R. BURDON.  
Combined Hose Connection and Sprinkler.  
No. 224,513.                      Patented Feb. 17, 1880.

Fig. 1.

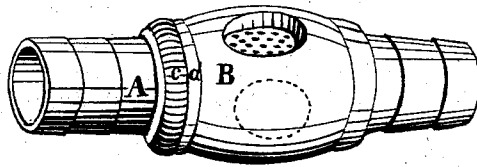
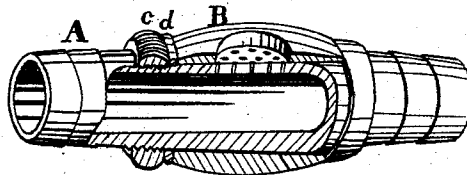


Fig. 2.



Witnesses,

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# UNITED STATES PATENT OFFICE.

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## COMBINED HOSE-CONNECTION AND SPRINKLER.

SPECIFICATION forming part of Letters Patent No. 224,513, dated February 17, 1880.

Application filed August 11, 1879.

*To all whom it may concern:*

Be it known that I, GEORGE R. BURDON, of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in a Combined Hose-Connection and Sprinkler, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 represents a perspective view of my invention. Fig. 2 represents a sectional view of the same with a portion cut away, showing the main lead or channel extending from end to end.

My invention consists in a combination hose-connection and sprinkler so constructed that it may be used in conducting or leading water, the same as the hose, or as a sprinkler combined, as hereinafter described.

In the accompanying drawings, A is the conducting-pipe; B, a movable sleeve. *c* is a nut, and *d* a washer. The conducting-pipe or conductor A is made as a tube, having depressions or ridges formed on the two ends, which ridges serve to hold said ends firmly into the ends of the hose to which they are attached. The central portion of conductor A, on which the sleeve B is fitted, is turned slightly tapering, with a shoulder formed at the end of the largest diameter of the taper, for said sleeve to turn against, as shown in Fig. 2. At the smaller taper, or on the opposite end, a screw is cut and the nut *c* and washer *d* fitted thereon, for holding sleeve B in its place.

Near the center of said taper, on one side, conductor A is provided with one or more holes drilled through said side into the main lead or

channel. (Shown in Fig. 2.) The sleeve B is fitted to turn water-tight on conductor A, and made with an opening through one side the proper diameter to span the holes or perforations made in said conductor A, so that when required for sprinkling said opening may be in position as represented in the drawings. When the sprinkler is not required for use sleeve B is turned to one side, changing the position of the opening of said sleeve, (shown by dotted lines in Fig. 1,) by which means the perforated holes are closed and the sprinkler entirely shut off, thus allowing all the water to pass through the main lead or channel of the conductor A from the joining of one length of hose to another.

By the use of my invention any desired number may be arranged in connection with pieces of hose and one or more sprinklers set in operation at the same time, being an advantage for watering large grass-plats or large flower-beds, where sprinkling is more desirable.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

The combined hose connection and sprinkler, consisting of a hollow connection or conducting-pipe, A, having one or more holes through its side, and a sleeve, B, provided with an opening or openings, and so arranged on the conducting-pipe as to turn over its side holes, substantially as described, and for the purpose specified.

GEO. R. BURDON.

Witnesses:

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