(No Model.)

I. H. GINGRICH.

LAWN SPRINKLER.

No. 573,083. Patented Dec. 15, 1896.

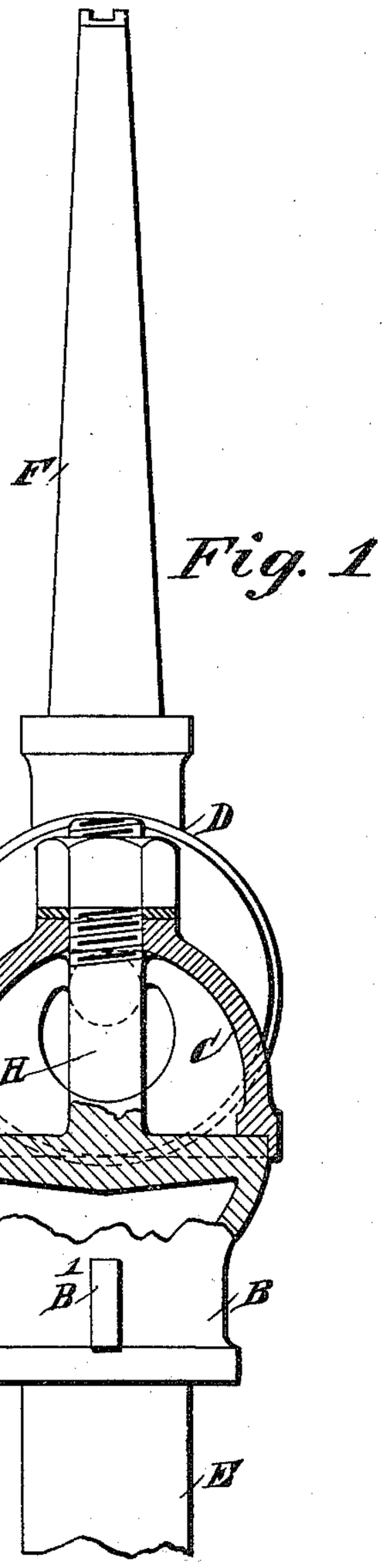

Fig. 1

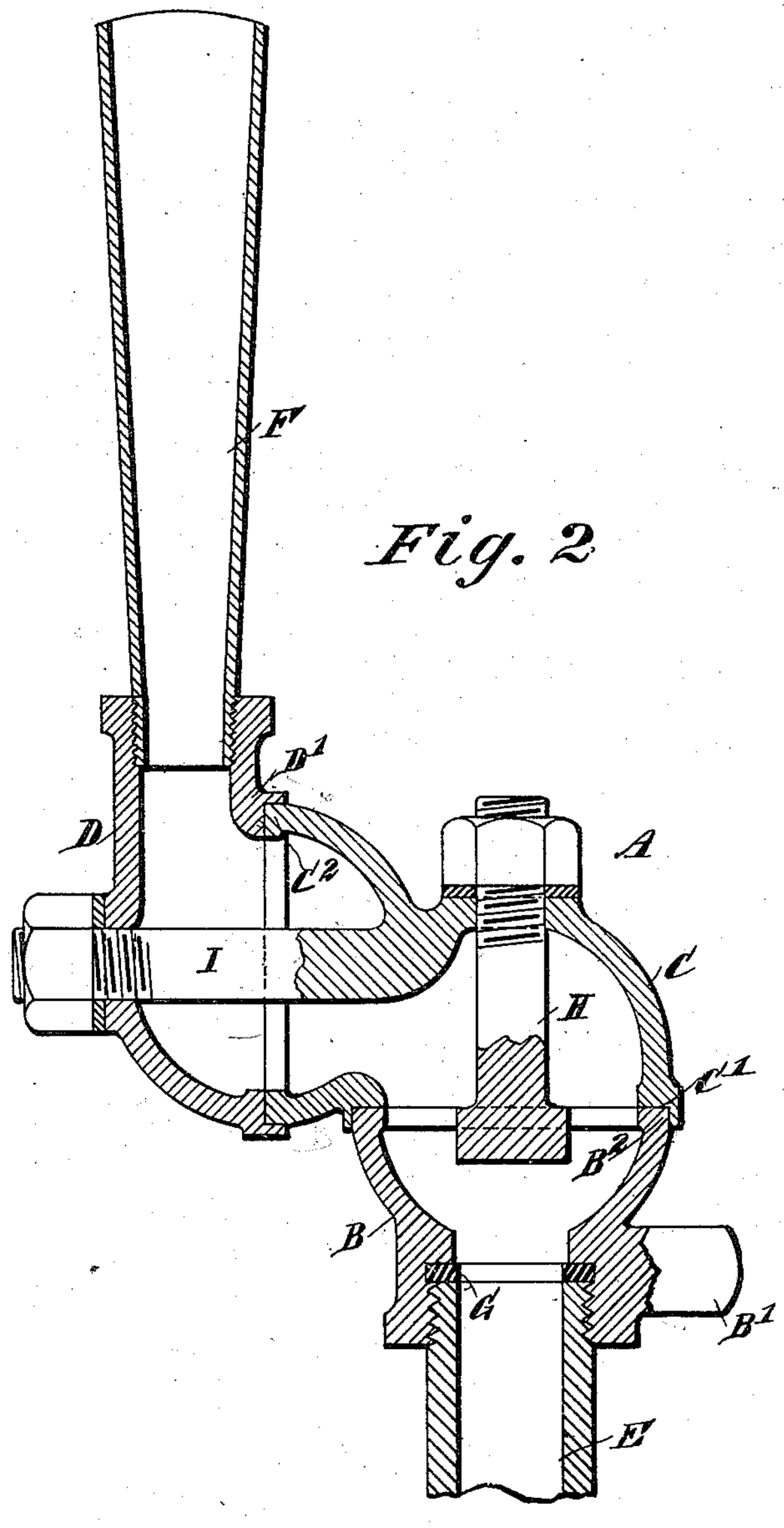

Fig. 2

WITNESSES:

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ISAIAH H. GINGRICH, OF CADILLAC, MICHIGAN.

LAWN-SPRINKLER.

SPECIFICATION forming part of Letters Patent No. 573,083, dated December 15, 1896.

Application filed October 7, 1895. Serial No. 564,833. (No model.)

To all whom it may concern:

Be it known that I, ISAIAH H. GINGRICH, of Cadillac, in the county of Wexford and State of Michigan, have invented a new and Improved Lawn-Sprinkler, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved lawn-sprinkler which is simple and durable in construction, more especially designed for direct connection with a service-pipe, and arranged to be conveniently turned in any desired direction and held in this position until the desired place is sprinkled, and which can be readily changed to another position to sprinkle other parts of a lawn, yard, street, &c.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both figures.

Figure 1 is an end elevation of the improvement with parts in section, and Fig. 2 is a sectional side elevation of the same.

The improved lawn-sprinkler is provided with a coupling A, consisting of three members B, C, and D, of which the member B is adapted to be screwed on the threaded end of a service-pipe E, connected with the water supply. The member D carries a nozzle F of any approved construction, and the member C has a pivotal connection with the member B and a similar connection with the member D. For this purpose the outer end of the member B is provided with a bolt H, engaging the member C, the latter being formed with an annular seat C′, fitting on the outer edge B^2 of the member B, so that the said member C can be turned on the seat B^2. A bolt I extends at right angles to the bolt H through the other member C, and this bolt engages the member D, which latter is provided at its inner end with a seat D′, engaging a corresponding annular seat C^2 on the outer end of the member C. Thus the member C can be turned in a horizontal plane on the member B and the member D can be turned in a vertical plane on the member C. Consequently any desired direction can be given to the nozzle F.

The member B is provided with a finger-piece B′ for conveniently screwing said member on the end of the service-pipe E, and a washer G is placed between the member and the end of the pipe E to prevent leakage.

It is understood that the nuts on the bolts I and H serve to hold the members in position with sufficient force to prevent said members from accidentally turning after being once adjusted and to bring the nozzle F into a desired position, and at the same time the members can be conveniently turned by hand to bring the nozzle into a desired direction. Thus it will be seen that when the coupling is attached to the service-pipe E the sprinkler can be turned in any direction to sprinkle any part of the lawn, yard, street, &c., and when this has been done the nozzle is conveniently turned in another direction to sprinkle other parts of the lawn, &c. It will further be seen that by the arrangement described it is not necessary for the operator to hold the sprinkler, and it only requires that it be adjusted from time to time to sprinkle all parts and places.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

The herein-described lawn-sprinkler, consisting of a stationary section, constructed to be attached to a service-pipe and having a horizontal bar extending across the center of its upper end and a vertical bolt rising from said bar; an intermediate section comprising two cups extending at approximately right angles with each other, the outer wall of one of said cups being engaged by said bolt and the opposite end thereof being seated upon the upper edge of said stationary section so as to turn in a horizontal plane thereon, said cup also having a horizontal bolt extending through and beyond the outer cup of said intermediate section; and an outer section extending at approximately right angles with the latter cup and seated thereon so as to turn in a vertical plane upon the same, the front vertical wall of said outer section being engaged by said horizontal bolt; and a nozzle attached to said outer section.

ISAIAH H. GINGRICH.

Witnesses:
G. S. STANLEY,
FRED C. WETMORE.