

(No Model.)

J. G. COBURN.

SINK SPOUT.

No. 300,574.

Patented June 17, 1884.

Fig. 1.

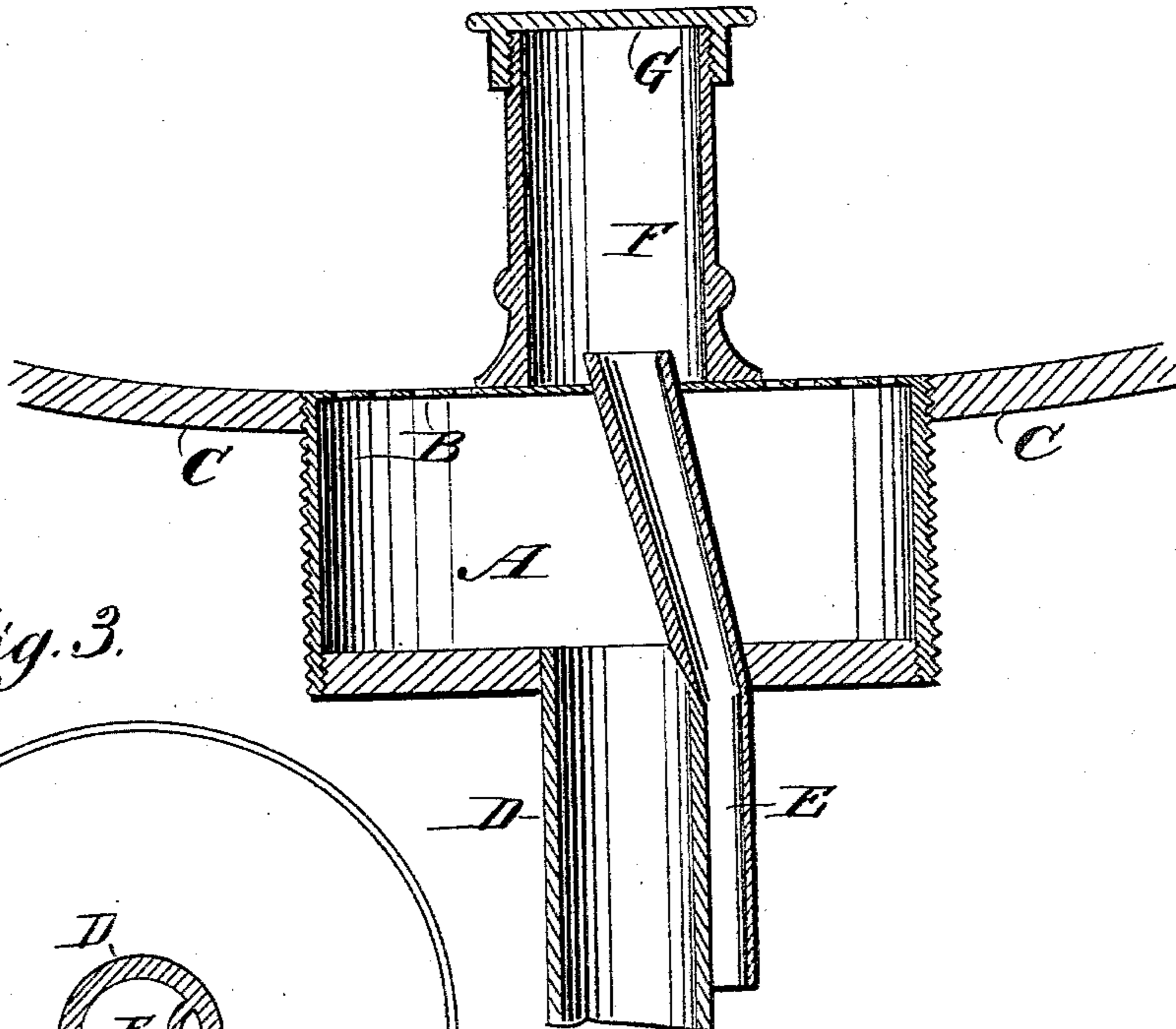


Fig. 3.

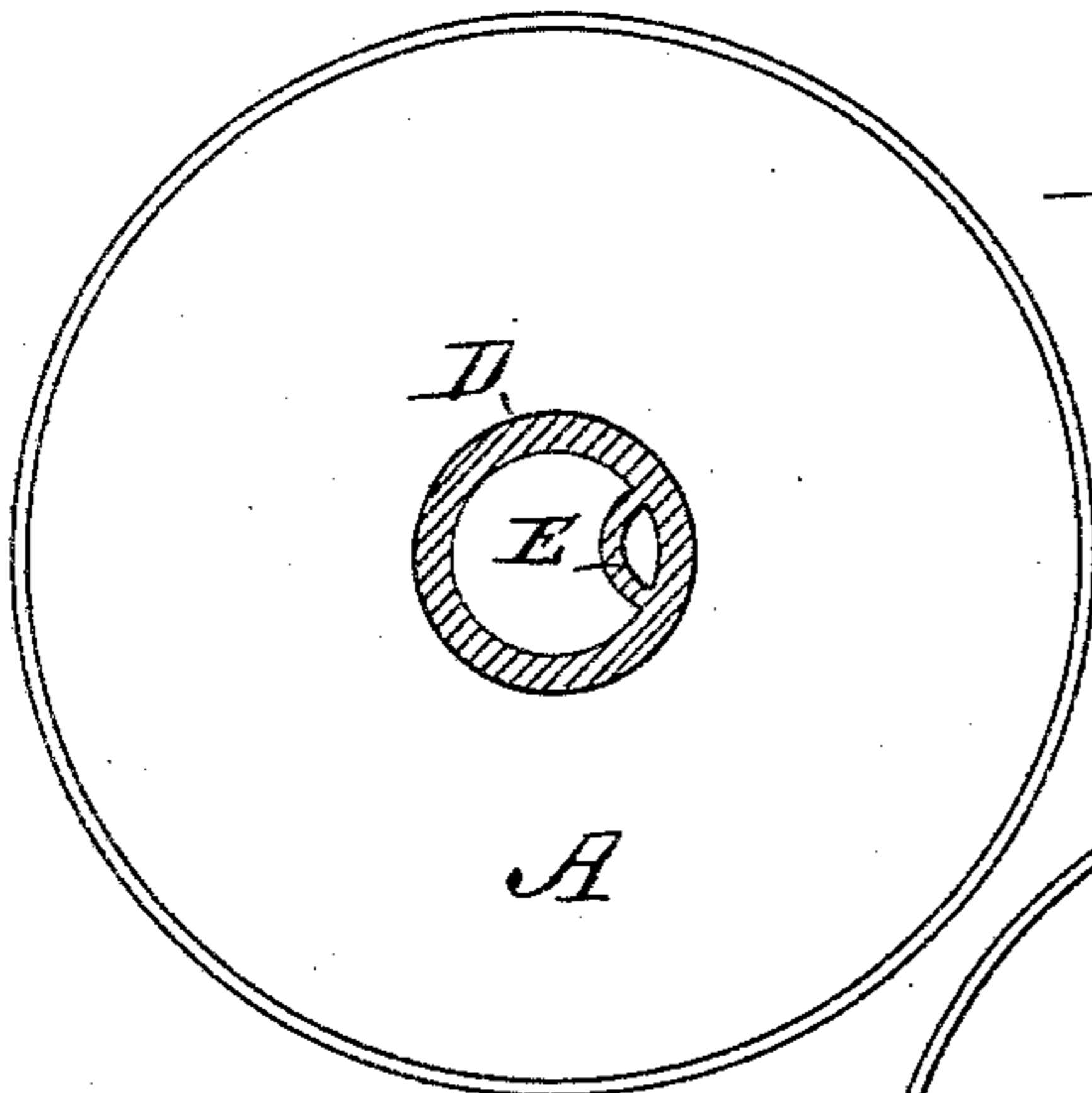
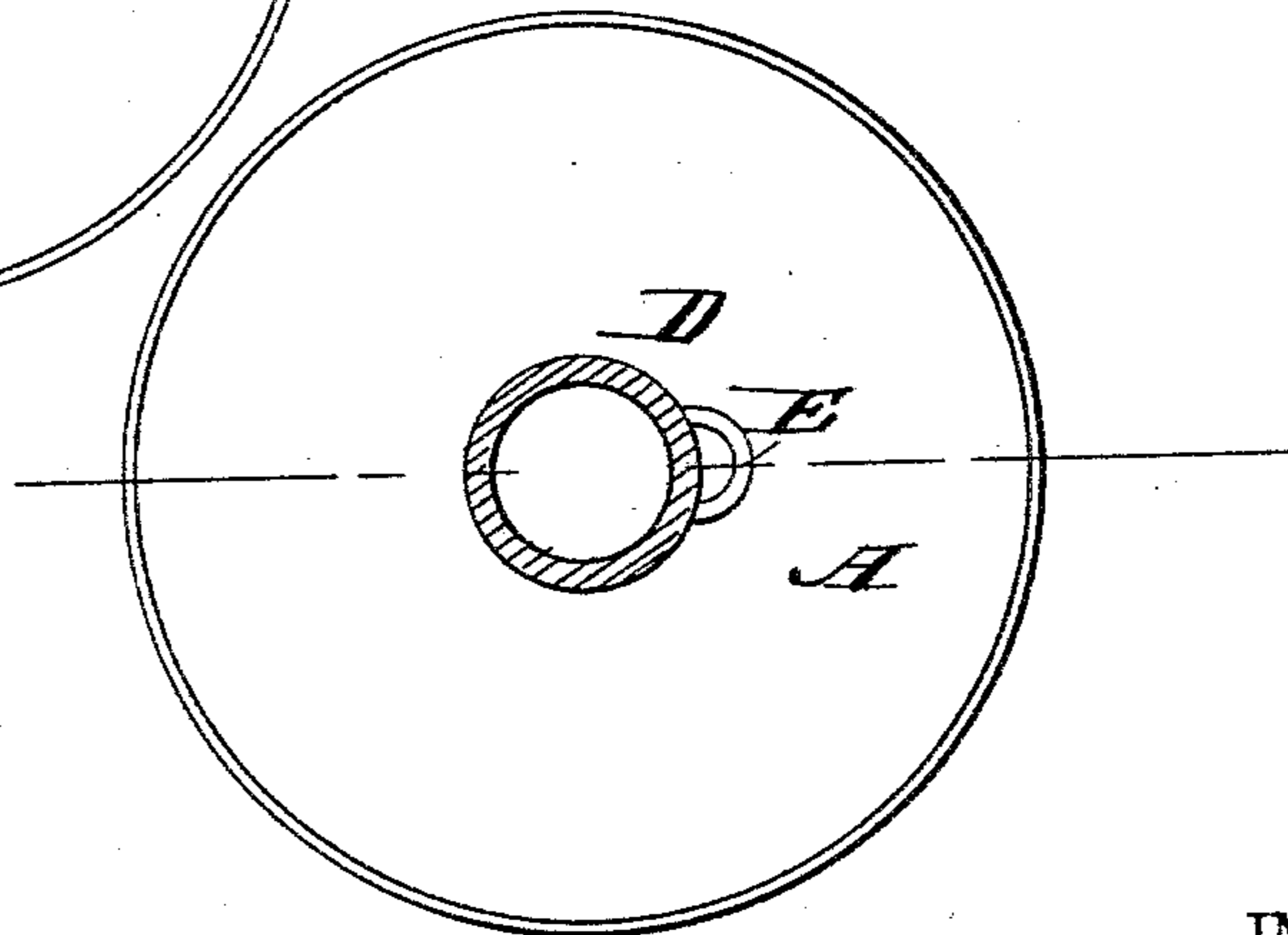


Fig. 2.



WITNESSES:

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JOHN G. COBURN, OF SOUTH CARTHAGE, ASSIGNOR OF ONE-HALF TO
JAMES RUSS KITTREDGE, OF CARTHAGE, MAINE.

SINK-SPOUT.

SPECIFICATION forming part of Letters Patent No. 300,574, dated June 17, 1884.

Application filed July 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. COBURN, of South Carthage, in the county of Franklin and State of Maine, have invented a new and Improved Sink-Spout, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved sink-spout provided with devices for thawing out the spout or pipe when the same is frozen.

The invention consists in a vessel or casing having a perforated top screwed in the sink-floor, to the bottom of which vessel the waste-pipe is attached. An additional pipe extends from the perforated top through or by the side of the water-pipe and around the top of the said additional pipe a cup is formed. If hot water is poured into the said cup it flows through the additional pipe and partly melts the ice in the waste-pipe.

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

Figure 1 is a cross-sectional view of my improved sink-spout. Fig. 2 is a plan view of the under side of the same. Fig. 3 is a sectional view illustrating a modification.

An externally-threaded cylindrical or like casing, A, is provided with a perforated top, B. The casing A is screwed into the sink-bottom C until the perforated top plate, B, is flush with the upper surface of the sink-bottom. The upper end of the sink-spout or sink waste-pipe D is secured in the bottom of the casing A. A pipe, E, secured to the side of the sink waste-pipe D, is carried through the casing A to the middle of the perforated top plate, B, from which it projects slightly. The pipe E can be made integral with or as part

of the pipe D, or can be passed through the middle of the pipe D, as shown in Fig. 3. A cup, F, is secured on the top plate, B, around the upper end of the pipe E, which cup F is provided with a cover, G. The water poured into the sink flows through the perforated top plate into the vessel or casing A, and from the same through the pipe D. In case the water in the waste-pipe D freezes, the cover G is removed and hot water is poured into the cup F, which water flows through the pipe E and partly melts the ice in the pipe D. After a channel has thus been formed in the ice in the pipe D, the hot water is poured directly into the casing or vessel B, and then flows down through the pipe D and melts the remaining ice.

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

1. The combination, with a sink, of a vessel having a perforated top, a waste-pipe secured to the bottom of the said vessel, and an additional pipe extending from the perforated top of the said vessel along one side of the waste-pipe, substantially as herein shown and described.

2. The combination, with a sink, of a vessel having a perforated top, a waste-pipe secured to the bottom of the said vessel, an additional pipe extending from the perforated top of the vessel along one side of the waste-pipe, and a cup secured on the perforated top and over the upper end of the additional pipe, substantially as herein shown and described, and for the purpose set forth.

JOHN G. COBURN.

Witnesses:

NANCIE E. KITTREDGE,
OSCA M. COBURN.