

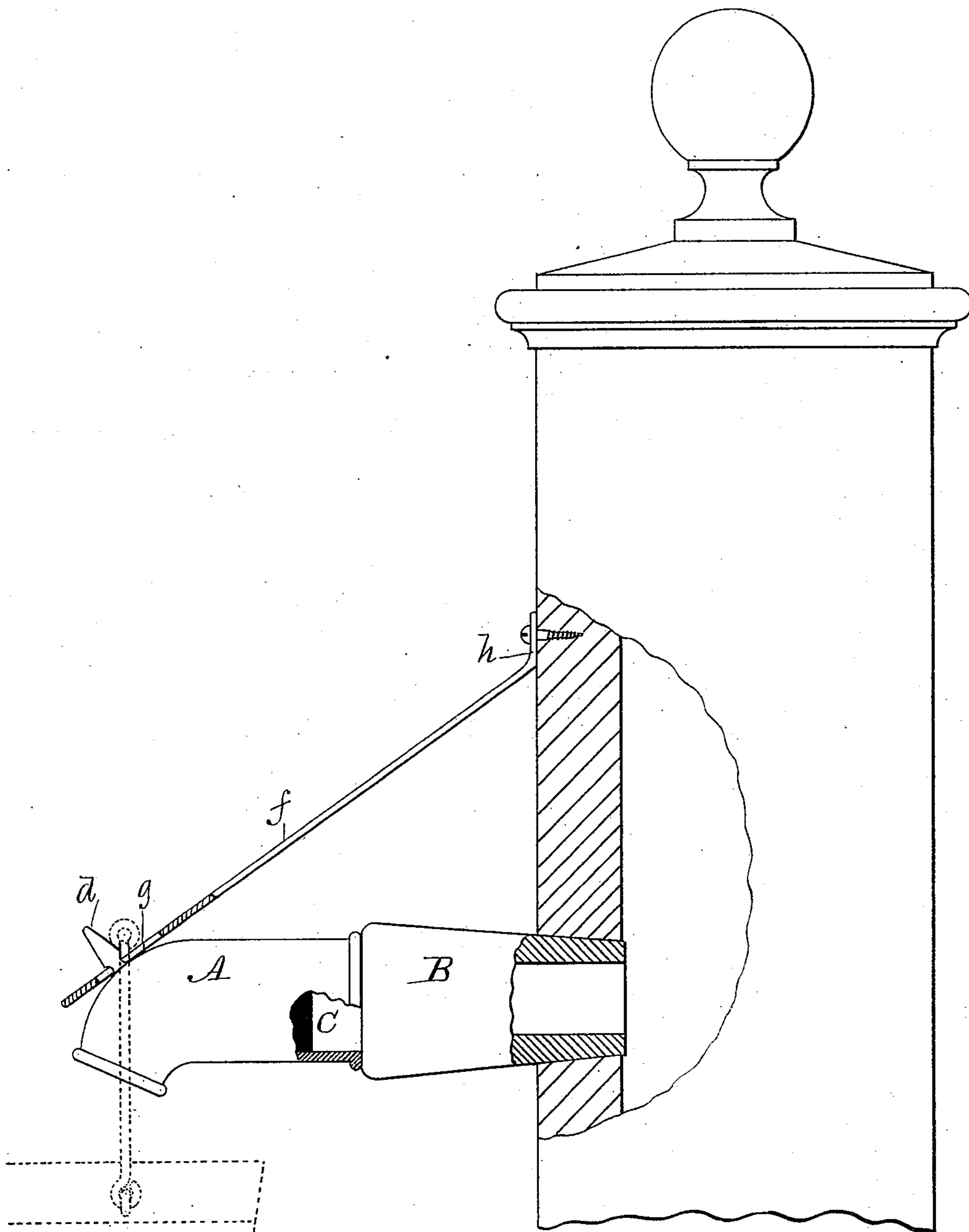
(No Model.)

S. A. SAUM.

PUMP SPOUT.

No. 300,900.

Patented June 24, 1884.



Witnesses:

M. A. Anderson.

Orra C. Moore

Inventor:

Stephen A. Saum,

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UNITED STATES PATENT OFFICE.

STEPHEN A. SAUM, OF KELLOGG, IOWA.

PUMP-SPOUT.

SPECIFICATION forming part of Letters Patent No. 300,900, dated June 24, 1884.

Application filed March 13, 1884. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN A. SAUM, of Kellogg, in the county of Jasper and State of Iowa, have invented an Improved Pump-Spout, of which the following is a specification.

My object is to combine the advantages of a curved metal spout and a straight wooden spout in a single spout adapted to be applied to wooden pumps.

It is difficult to find a wooden spout with a curved front end that will discharge water downward into a pail suspended thereto, and also difficult to maintain a water-tight connection between the rear end of metal spout and a wooden pump-stock; and my invention consists in the combination of a metal spout-section and a wooden spout-section, as hereinafter fully set forth, in such a manner that the complete spout can be adjustably attached to a wooden pump-stock to prevent leaking at its rear end and to discharge water downward from its front end.

My accompanying drawing illustrates the construction, application, and operation of my complete invention.

A represents the metal section and front end of my complete spout. Its front end is curved downward and contracted in diameter to produce a nozzle that will direct water downward into a pail and prevent the trajectory motion and spilling and slopping of water incident to straight wooden spouts.

B is a straight wooden section of spout fitted into the straight rear end of the metal section A. Its rear end is tapering and adapted to be inserted in the horizontal bore of a wooden pump-stock in a common way and in such a manner that when the bore enlarges or

the spout diminishes by the drying and shrinking of the wood it can be readily driven farther in to maintain a water-tight joint, as required to prevent leaking.

d is a stud formed on or fixed to the front portion and top side of the metal section A to secure a brace, and also to form a support for a bucket, as indicated by dotted lines.

f is a detachable and adjustable metal brace. It has a slot, *g*, at its lower end, through which the fixed head of the stud *d* projects. Its top end, *h*, is bent and perforated so that it will fit against the pump-stock and allow a screw to be passed through and into the wooden stock. When the rear end of the wooden section B is to be driven farther into the pump-stock, I simply detach the top end of the brace, drive in the spout, and then fasten the top end of the brace again at a little higher point. A complete adjustable and detachable metal and wooden spout is thus produced that can be advantageously used on wooden pumps.

I claim as my invention—

1. An improved pump-spout composed of a metal section having a curved front end or discharge-nozzle, and a straight wooden section having a tapering rear end, to operate in the manner set forth, for the purposes specified.

2. The metal spout-section A, having a stud, *d*, the wooden spout-section B, and the brace *d f g*, arranged and combined with a wooden pump-stock, substantially as shown and described, for the purposes specified.

STEPHEN A. SAUM.

Witnesses:

T. C. S. COOPER,
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