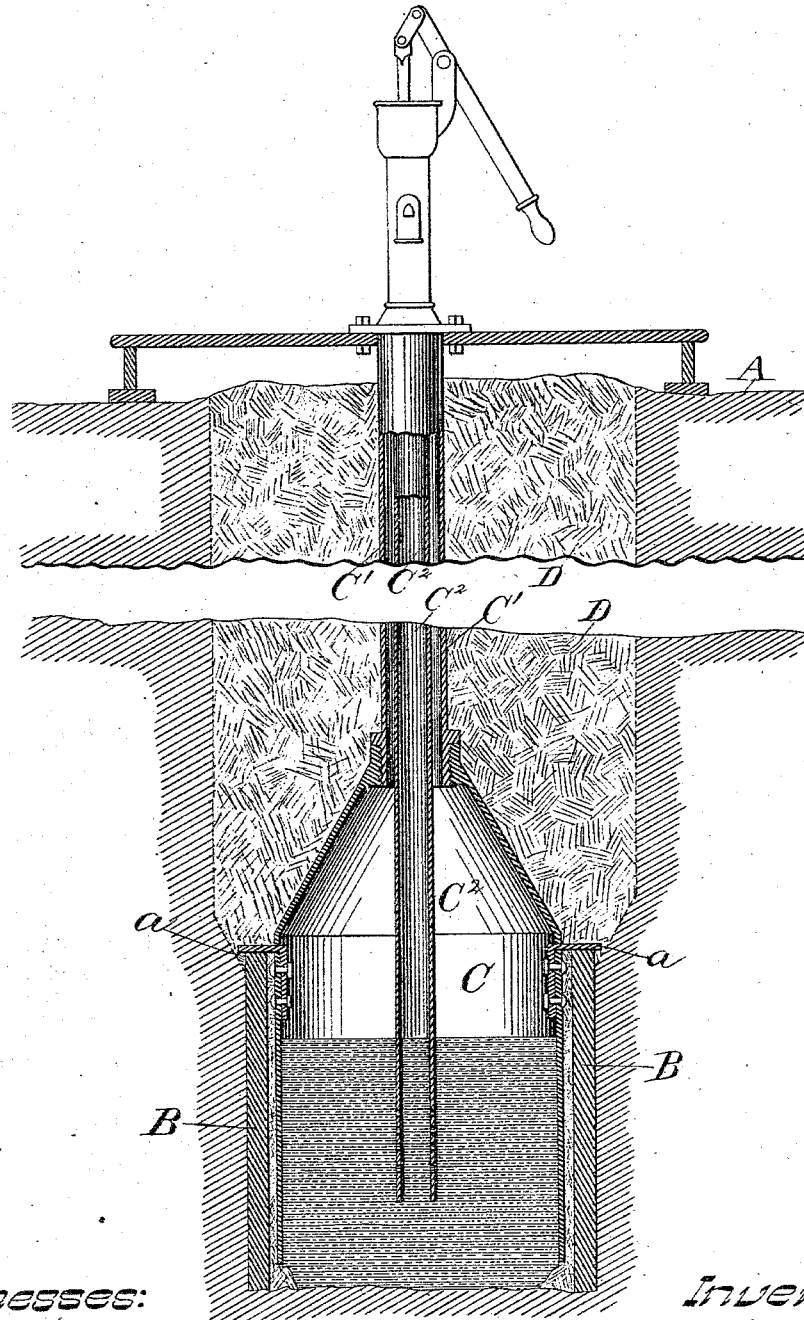


(No Model.)

R. GOGIN.
WELL TUBE.

No. 305,916.

Patented Sept. 30, 1884.



Witnesses:

E. G. Gogin
R. Platz

Inventor:

Richard Gogin
By J. H. Gogin
Attorneys.

UNITED STATES PATENT OFFICE.

RICHARD GOGIN, OF PINE RIVER, WISCONSIN.

WELL-TUBE.

SPECIFICATION forming part of Letters Patent No. 305,916, dated September 30, 1884.

Application filed April 4, 1884. (No model.)

To all whom it may concern:

Be it known that I, RICHARD GOGIN, of Pine River, in the county Waushara, and in the State of Wisconsin, have invented certain
5 new and useful Improvements in Well-Tubes; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to well-tubes, and will be fully described hereinafter.

10 The drawing is a section of a well and tube embodying my invention.

A is the surface of the ground. B is a short tube driven in the bottom of the well. C is a galvanized tube, having the shape of an inverted funnel. The tube C has a screw-threaded opening in the upper end to receive
15 another tube, C', that extends up to the surface, and the pump-pipe C'' is passed down through this tube C' into the water in the tube C. After the tube C has been sunk and a sufficient
20 amount of tubing C' has been coupled to it the earth is filled in, as at D, and properly packed. To steady the tube C, I provide it with lugs a, that rest upon the upper edge of
25 tube B.

In wells provided with my invention there

is no chance for surface-drainage to get into the water, as nothing can get into the tube except from below.

I may dispense with the tube B when it is
30 desirable, and set the tube C directly in the earth.

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

1. A metal well-tube of inverted-funnel
35 shape, adapted for being sunk in the earth, in combination with a tube for receiving the pump-pipe, as set forth.

2. The tube C, having lugs a a, substantially
40 as described.

3. The tube C, in combination with tube B, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand at Pine River, in
45 the county of Waushara and State of Wisconsin, in the presence of two witnesses.

RICHARD GOGIN.

Witnesses:

OLIVER PIERCE,
S. E. PEIRCE.