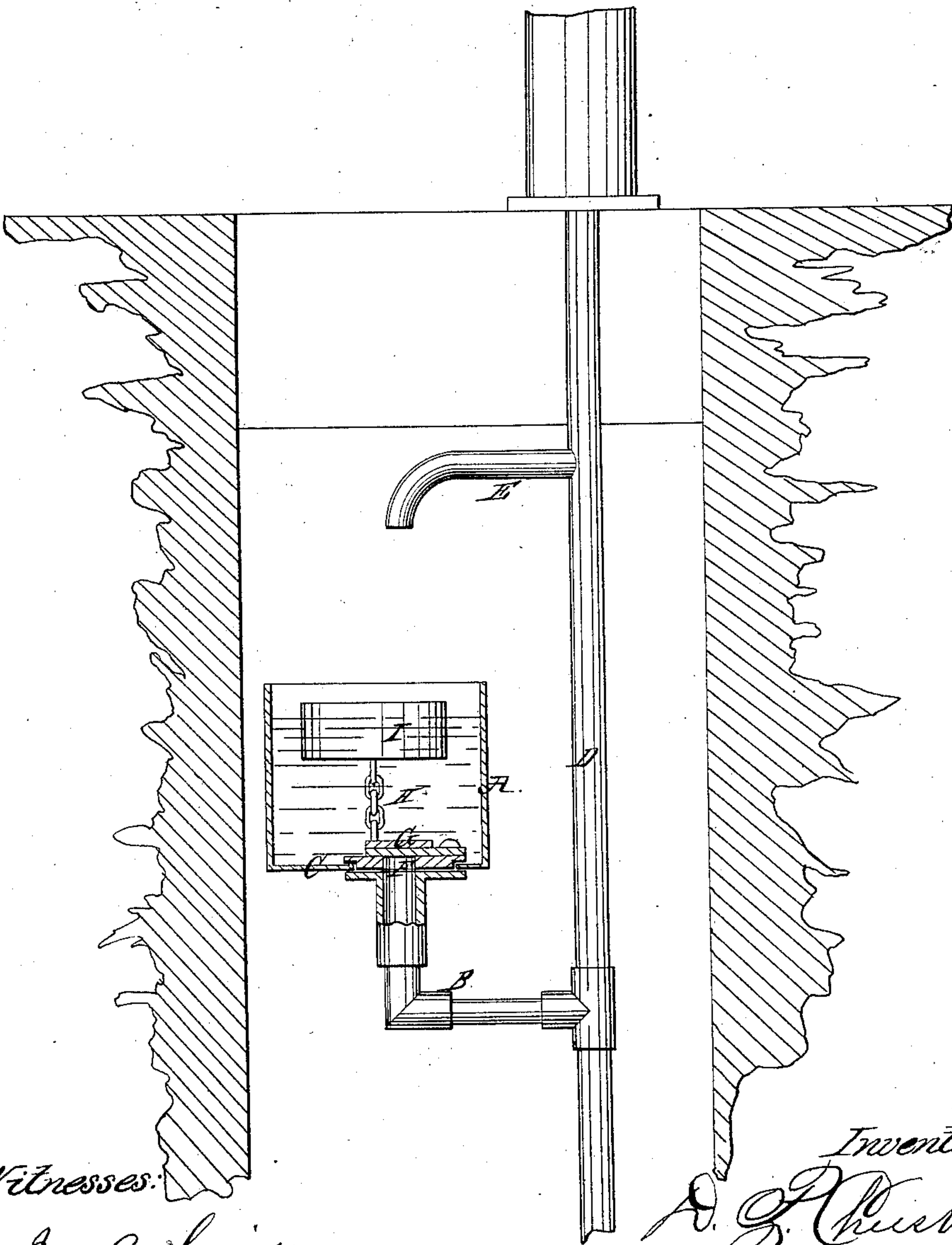


D. P. Chesbrough,

Cut-Off for Well Tubes.

No 58,063.

Patented Sept. 18, 1866.



Witnesses:

Jas. A. Servia
J. W. Harrington

Inventor:

D. P. Chesbrough
Per K. M. Co.

UNITED STATES PATENT OFFICE.

DANIEL P. CHESBROUGH, OF LANSINGBURG, NEW YORK.

IMPROVEMENT IN RECEPTACLES FOR WASTE-WATER OF WELL-TUBES.

Specification forming part of Letters Patent No. **58,063**, dated September 18, 1866.

To all whom it may concern:

Be it known that I, DANIEL P. CHESBROUGH, of Lansingburg, Rensselaer county, State of New York, have invented new and useful Improvements in Wells; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a new and useful attachment to a well-tube, below its waste-water pipe, of a reservoir or receptacle for the waste-water escaping or flowing from such pipe, whereby such water can be reconveyed or conducted back into the well-tube, the advantages and importance of which are obvious.

In the accompanying plate of drawings my improvement is illustrated, the figure being a central vertical section through the waste-water receptacle or reservoir, showing its connection with a well-tube.

A in the drawings represents a receptacle or reservoir, which may be made of wood or any other suitable material, and of a square, cylindrical, or other shape. This reservoir A, by a pipe, B, attached to its bottom plate, C, is connected with the well-tube D at a point below its waste-water pipe E, and in such position that all the water escaping from said pipe E will pass or discharge into the receptacle A, from whence, passing through the connecting-pipe B, before referred to, it will flow back into the well-tube.

Over the orifice F of the pipe B of the water-receptacle A, and opening upward, is a

valve, G, which, when down upon and over such orifice, completely closes the same. To the upper side of the valve G, by means of a chain, H, is hung a float, I, made of any suitable light and buoyant material, which float I rises and falls within the water-receptacle A, according as the water therein is at a greater or less height; and when at the extreme limit of the chain connecting it to the valve G, if the water then rises to a greater height, it causes the valve to be raised, and consequently opened, in which position it remains until sufficient water has passed through such valve into the well-tube to relieve the tension upon the float-chain, when the valve falls to its seat and closes, in which position it remains until again opened by the action of the water upon the float, as before explained.

From the above description it is plainly apparent that with my improvement applied to a pump all the water heretofore wasted through its waste-pipe is economized, in lieu of, as heretofore, being lost in the surrounding ground of the well, the advantages of which are obvious.

I claim as new and desire to secure by Letters Patent—

The receptacle A, having float I and valve G, in connection with the waste-water pipe of a well-tube, when arranged with regard thereto and connected with the well-tube substantially as and for the purpose described.

The above specification of my invention signed by me this 15th day of May, 1866.

DANIEL P. CHESBROUGH.

Witnesses:

M. M. LIVINGSTON,

ALBERT W. BROWN.