

(No Model.)

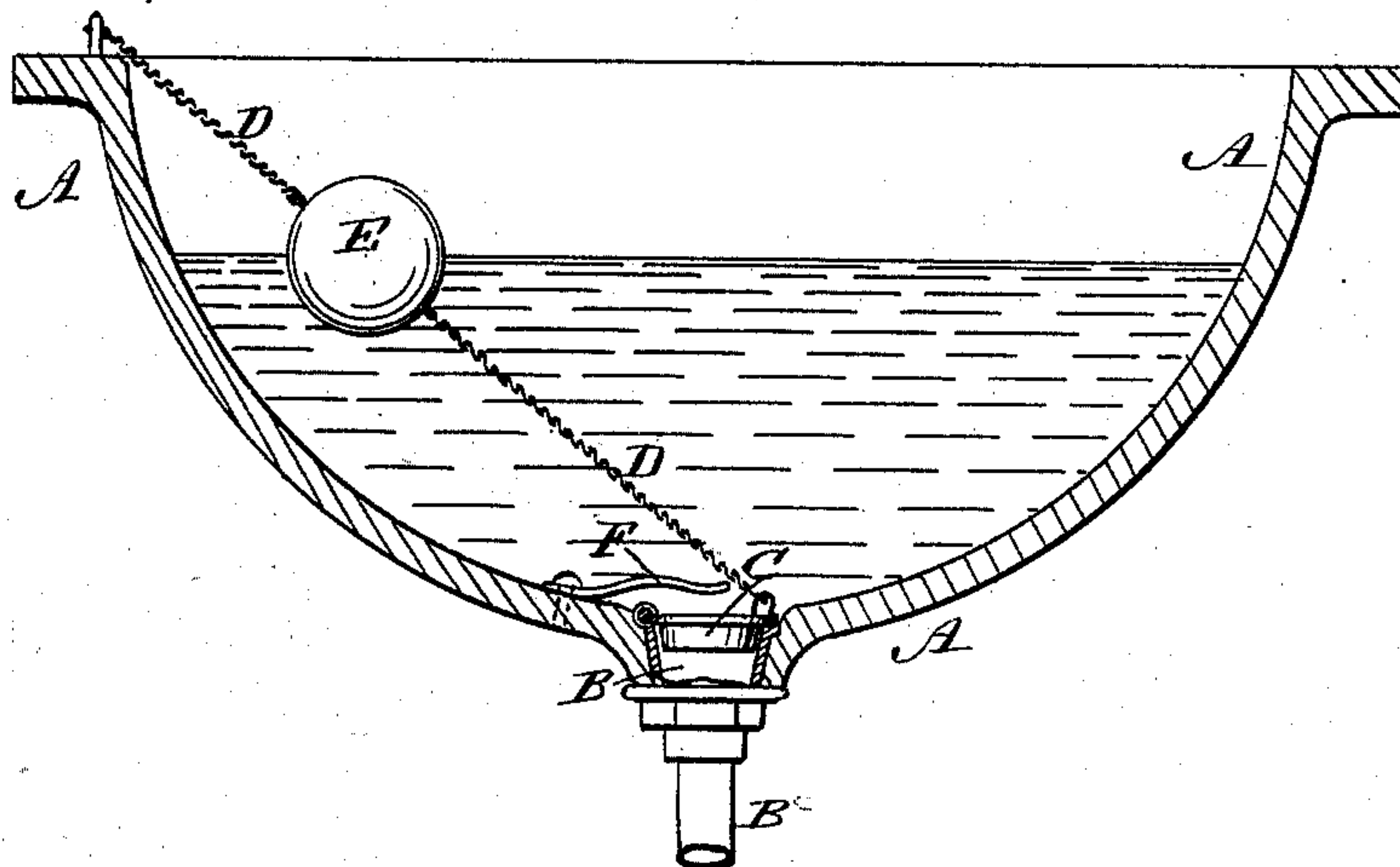
J. S. GILBERT.

DISCHARGE-PIPE PLUG FOR WASH BASINS.

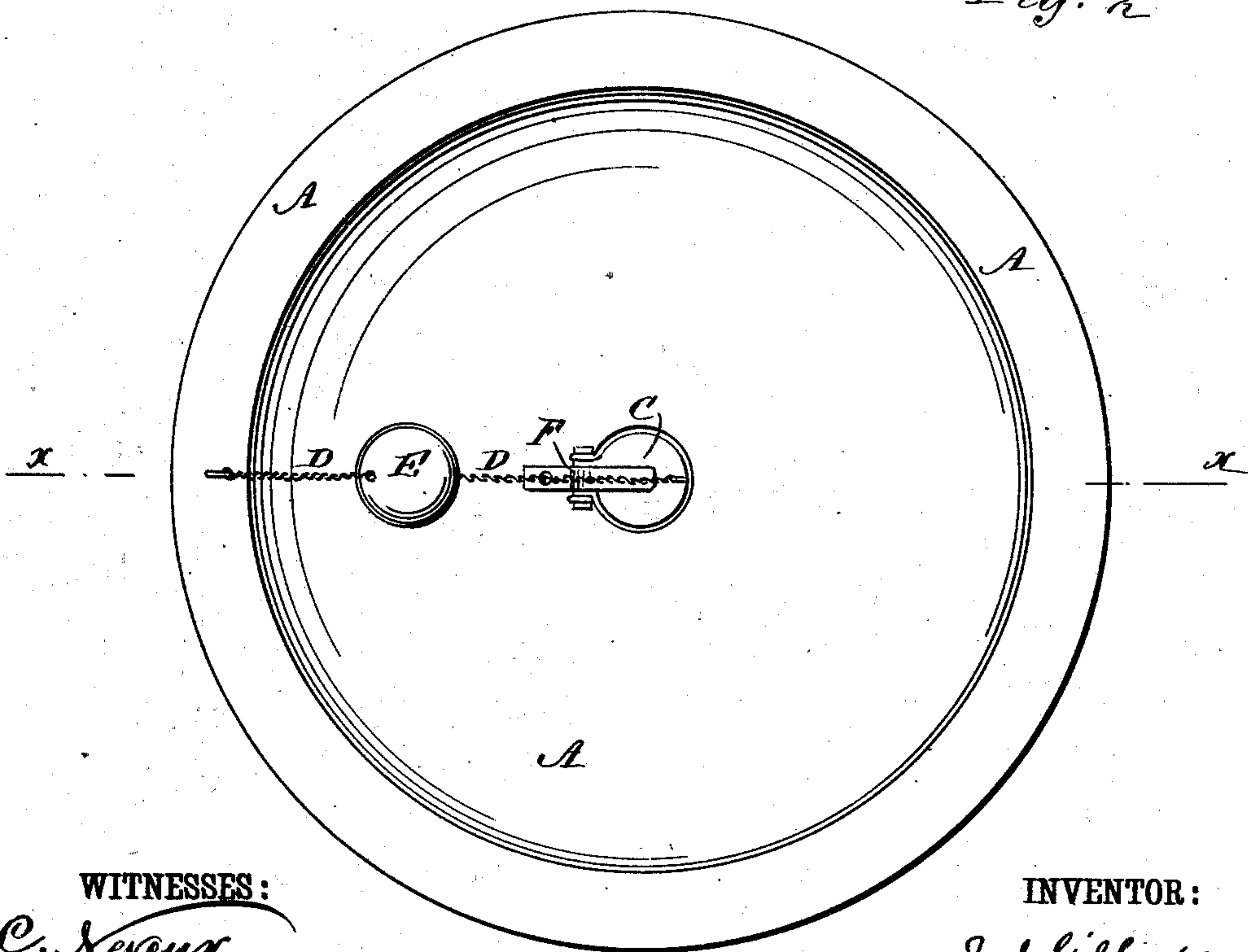
No. 258,048.

Patented May 16, 1882.

*Fig. 1*



*Fig. 2*



WITNESSES:

*C. Neveu*  
*B. G. Underwood.*

INVENTOR:

*J. S. Gilbert.*  
BY *Almon Ho*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOHN S. GILBERT, OF NEW YORK, N. Y.

## DISCHARGE-PIPE PLUG FOR WASH-BASINS.

SPECIFICATION forming part of Letters Patent No. 258,048, dated May 16, 1882.

Application filed February 21, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN S. GILBERT, of the city, county, and State of New York, have invented a new and useful Improvement in Dis-  
5 charge-Pipe Plugs for Wash-Basins, of which the following is a full, clear, and exact description.

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

Figure 1 is a sectional side elevation of a wash-basin to which my improvement has been applied, and Fig. 2 is a plan view of the same.

15 The object of this invention is to improve the construction of the discharge-pipe plugs for which Letters Patent No. 213,891 were granted to me April 1, 1879, in such a manner as to make the plugs automatic in their action  
20 and to prevent sewer-gas from entering rooms through the discharge-pipes of wash-basins.

The invention consists in the combination, with the hinged plug of a wash-basin and its chain, of a float, whereby the said plug will  
25 be raised automatically when the water has risen in the basin to a fixed point, as will be hereinafter fully described.

A is an ordinary wash-basin, and B is its discharge-pipe.

30 C is the plug that closes the discharge-pipe B, and which is hinged at one side to the basin A.

To the free side of the plug C is attached the end of a chain, D, the other end of which  
35 is attached to the edge of the basin A, or to some other suitable support, so that the chain D can be readily grasped and operated to allow the water in the basin A to flow out.

E is a float of sufficient buoyancy to raise the free edge of the plug C and allow the wa-  
40 ter in the basin A to flow out. The float E may be a hollow ball of rubber or other suitable material, or a solid ball of cork or other material having the necessary lightness. The float E can be attached to the chain D at such  
45 a point that it will rise to raise the plug C when the water has risen in the basin A to a fixed point. By this construction the basin A can never become filled and run over, so that  
50 there will be no necessity of providing the basin with overflow-openings and an overflow-pipe, thus preventing sewer-gas from entering the room through the overflow-pipe.

To the bottom of the basin A is attached the end of a spring, F, the free end of which pro-  
55 jects over the hinged plug C in such a position as to prevent the said plug from being turned back upon its hinge by pulling upon the chain D so far that it will not close automati-  
60 cally when the chain D is released.

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

In a discharge-pipe plug for wash-basins, the combination, with the hinged plug C and its  
65 chain D, of a float, E, substantially as herein shown and described, whereby the said plug will be raised automatically when the water has risen in the basin to a fixed point, as set forth.

JOHN S. GILBERT.

Witnesses:

JAMES T. GRAHAM,  
C. SEDGWICK.