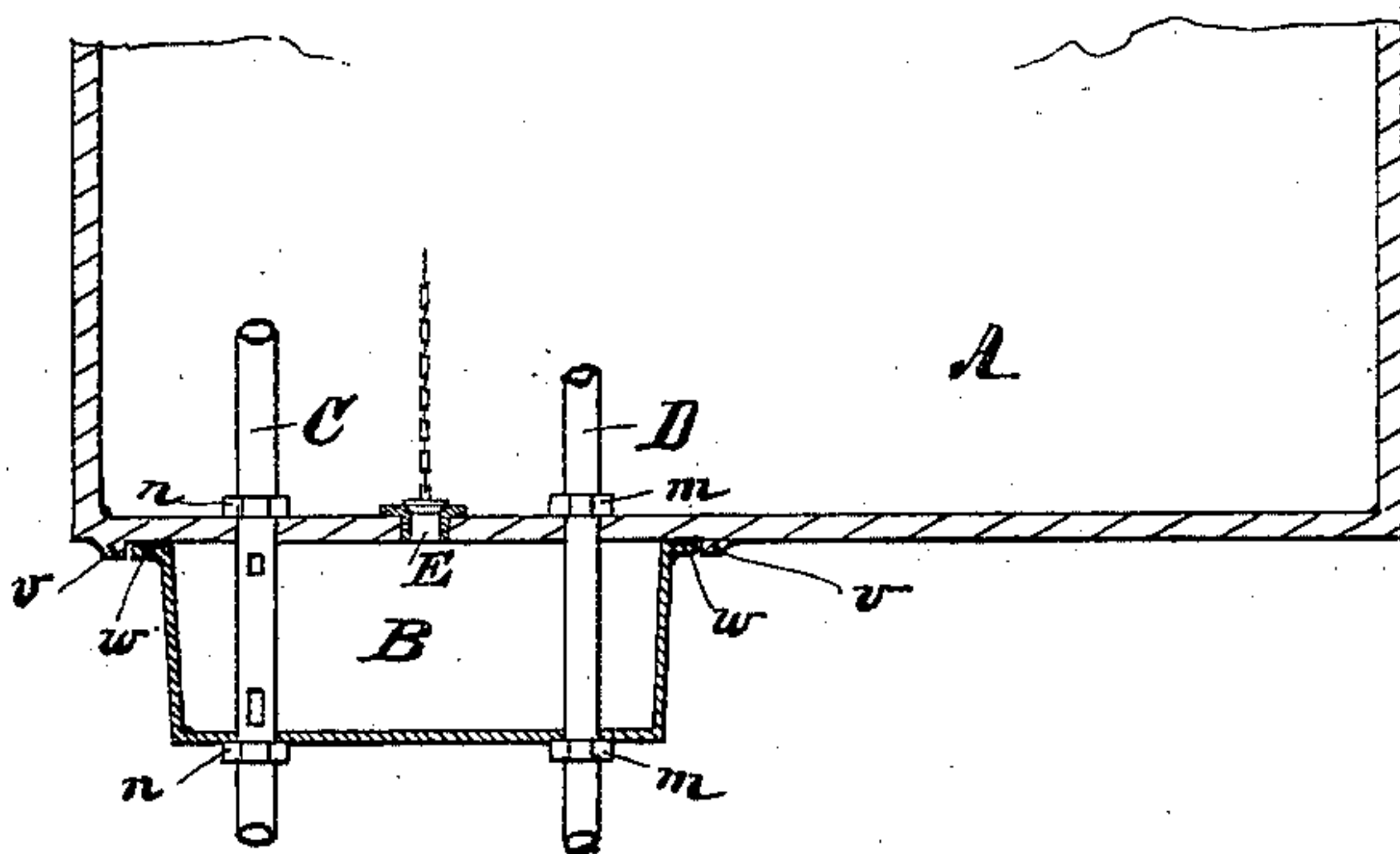


(No Model.)

J. G. MORRISON.  
CISTERN FOR SERVICE BOXES.

No. 299,999.

Patented June 10, 1884.



WITNESSES:

*Gustave Dreyer*  
*Jacob Kottlowsky*

INVENTOR

*John G. Morrison*

BY

*Henry E. Roder*

ATTORNEY

# UNITED STATES PATENT OFFICE.

JOHN G. MORRISON, OF WILLIAMSBURG, NEW YORK.

## CISTERN FOR SERVICE-BOXES.

SPECIFICATION forming part of Letters Patent No. 299,999, dated June 10, 1884.

Application filed February 29, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN G. MORRISON, a citizen of the United States, residing at Williamsburg, Kings county, State of New York, have invented a new and useful Improvement in Cisterns for Service-Boxes, of which the following is a specification.

In the accompanying drawing a vertical section of my improved cistern for service-boxes is represented.

A represents the usual water-tank, and B the cistern for the service-box. C is the overflow-pipe, and D the feed-pipe passing through the cistern B, with nuts *n n* and *m m* on said pipes, through which this cistern B is attached to the bottom of the tank A. All of this is arranged and constructed as usual at present.

E is the usual opening, closed by a valve, to supply the cistern B with water when required.

To make the joint at the end of the cistern B and bottom of the tank A, putty is put between the end or surface of the small surrounding flange *w*, which, when the nuts *n* and *m* are screwed up tight, makes a joint usually tight enough for the purpose; but during transportation, or while working at the tank or cistern, this joint is very liable to become dis-

turbed, causing thereby a leak, which necessitates more or less repairs. To prevent this I cast a small rib or projection, *v*, on the under side of the tank A, surrounding the edges of the flange *w* of the cistern, of such dimensions that said flange will easily fit between this projection *v* without any extra fitting, and fill the free space with putty or cement. By this arrangement the cistern B, while being kept tight and firm against the bottom of the tank A through the usual pipes, C D, with their lock-nuts *n m*, will be secured sidewise in every direction, and all liability of leakage will be prevented.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination with a tank, A, and cistern for service-box B, provided with the usual pipes, C and D, with nuts *n* and *m*, the rib or projection *v*, cast on the tank A, and surrounding the flange *w* of the cistern B, in the manner and for the purpose substantially as described.

JOHN G. MORRISON.

Witnesses:

HENRY E. ROEDER,  
JACOB KOTLONSKY.