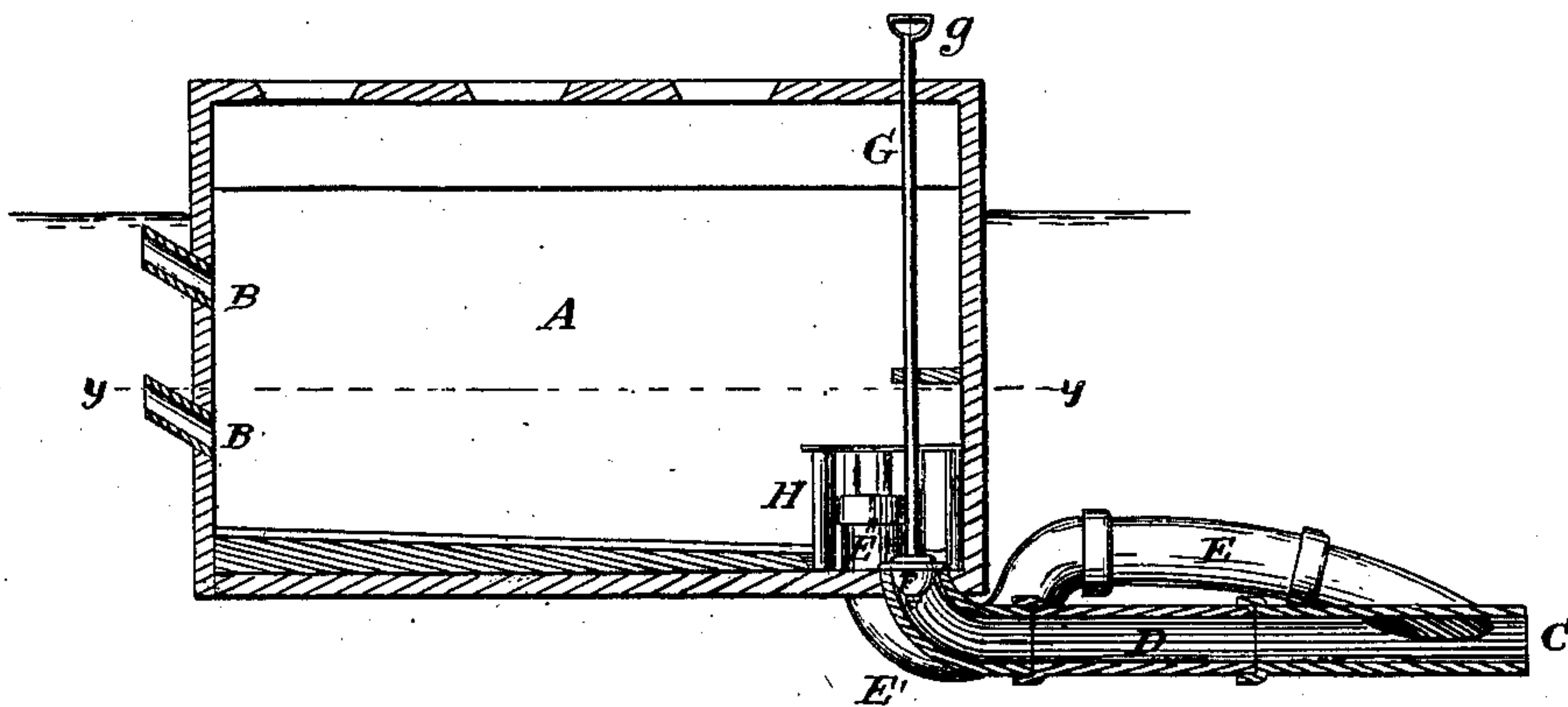


B. KOTTMANN.  
Catch-Basin

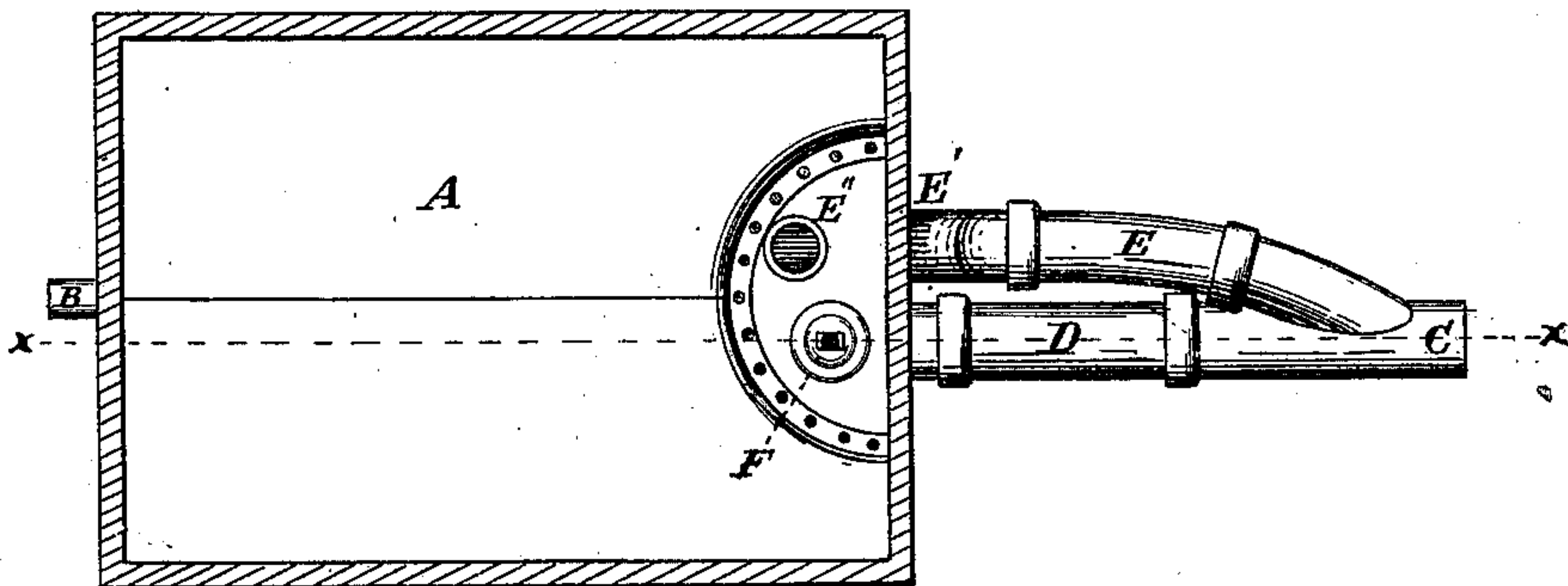
No. 208,827.

Patented Oct. 8, 1878.

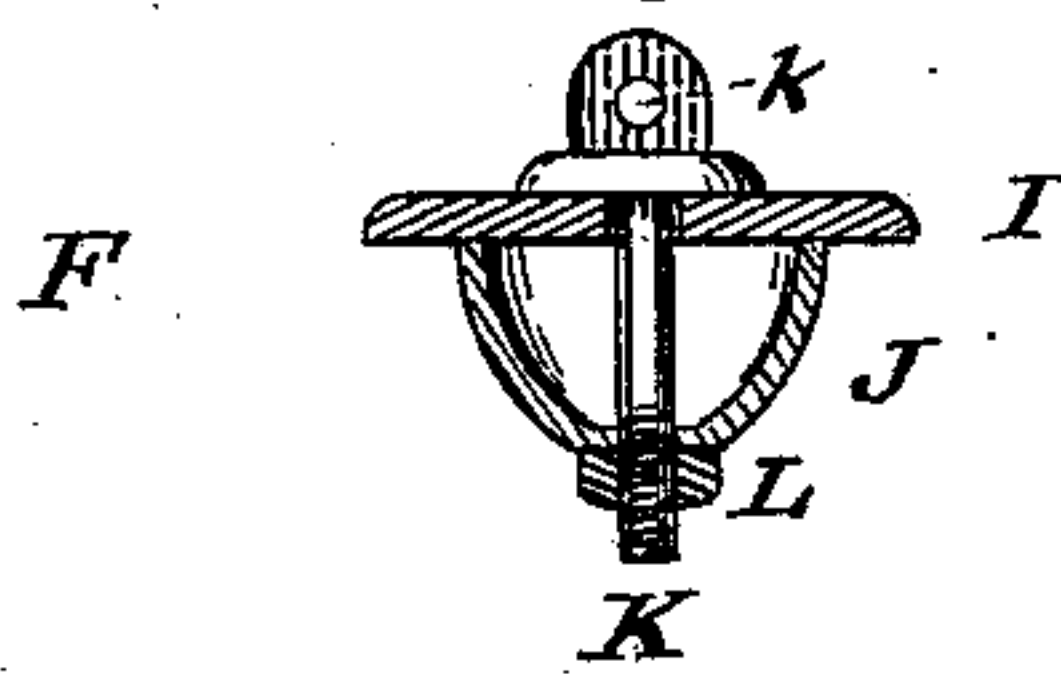
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Attest.

Walter Knight  
Walter Allen

Inventor  
B. Kottmann  
By Knight Bros.  
Atty.

# UNITED STATES PATENT OFFICE.

BERNARD KOTTMANN, OF CINCINNATI, OHIO.

## IMPROVEMENT IN CATCH-BASINS.

Specification forming part of Letters Patent No. **208,827**, dated October 8, 1878; application filed September 13, 1878.

*To all whom it may concern:*

Be it known that I, BERNARD KOTTMANN, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Catch-Basins, of which the following is a specification:

In the accompanying drawings, Figure 1 is a vertical section of a basin embodying my improvements. The location of this section is indicated at *x x*, Fig. 2. Fig. 2 is a horizontal section of the same at the line *y y*, Fig. 1.

A may represent an ordinary vault or cess-pool; B B, drain-pipes leading thereinto; C, the main discharge-pipe, communicating by branches D and E with the vault. Of these branches, the one, D, enters the vault at bottom, and has its mouth flush with the floor thereof, and is closed by a valve or plug, F, having a stem, G, that reaches upward to some convenient point, where it terminates in a handle, *g*. The other branch, E, curves downward and then upward, so as to constitute a stench-trap, E', and thence rises through the vault-floor, so as form a stand-pipe, E'', that serves as an overflow for any excessive accumulation within the vault.

A cage or grating, H, surrounding both mouths D and E, prevents the passage into either of any large body, such as a carcass, that would be liable to clog the pipe.

The valve or plug F is preferably constructed of a disk, I, and a boss, J, perforated axially for eyebolt K, secured by nut L, into whose orifice *k* the hooked extremity of stem G engages.

I claim as new and of my invention—

The combination, in a cess-pool, of branched discharge-pipe C D E, of which one branch, D, is flush with the vault-floor, and is provided with a valve or plug, F, and the other branch rises as a stand or overflow pipe, E'', and is curved downward to form a stench-trap, E, both branches being inclosed in grating H, in the manner represented.

In testimony of which invention I hereunto set my hand.

B. KOTTMANN.

Attest:

GEO. H. KNIGHT,  
WALTER KNIGHT.