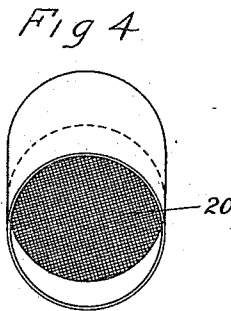
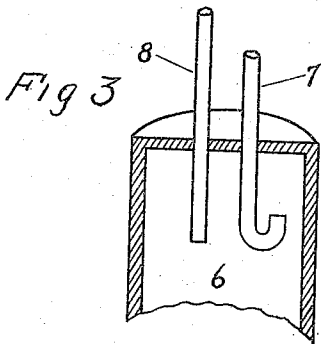
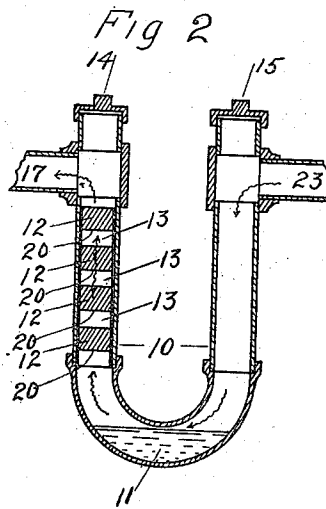
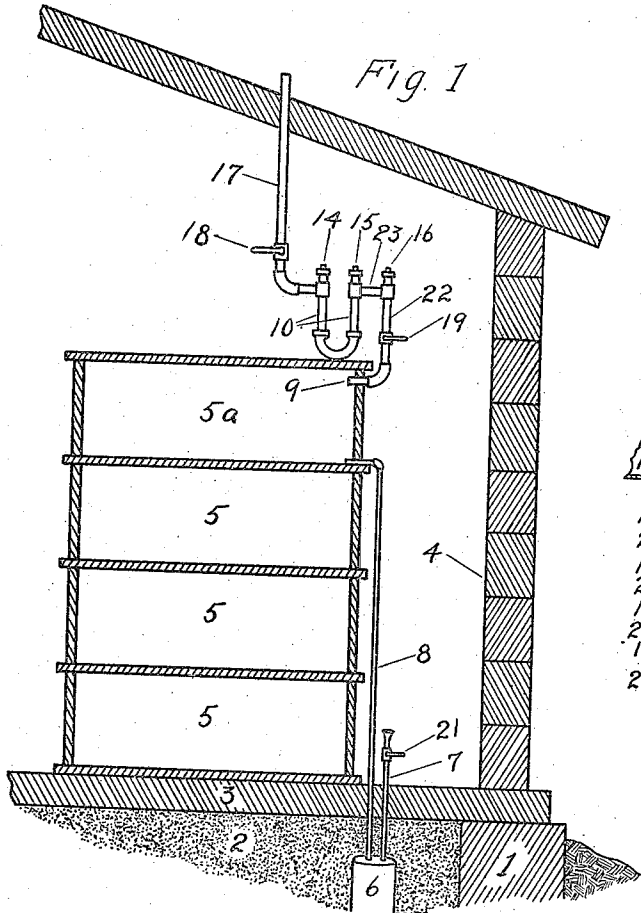


E. N. HATCHER.
MAUSOLEUM INTERMENT CRYPT.
APPLICATION FILED DEC. 7, 1911.

1,028,111.

Patented June 4, 1912.



WITNESSES:

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MAUSOLEUM INTERMENT-CRYPT.

1,028,111.

Specification of Letters Patent.

Patented June 4, 1912.

Application filed December 7, 1911. Serial No. 664,462.

To all whom it may concern:

Be it known that I, EDMUND N. HATCHER, a citizen of the United States, residing at Zanesville, in the county of Muskingum and State of Ohio, have invented certain new and useful Improvements in Mausoleum Interment-Crypts, of which the following is a specification.

My invention relates to a tomb or mausoleum above ground which contains apartments or crypts adapted for the reception and preservation of dead bodies and aims to provide a crypt in which dead bodies are placed, cared for and preserved in the most sanitary manner, at the same time protect the public against a diffusion of germ-laden air which has been generated within and expelled from an occupied crypt during the period of bodily dissolution.

The object of my invention is to supply a mausoleum apartment or crypt which will thoroughly disinfect and destroy infectious bacteria and moisture propagated within said crypt and its equipment a part thereof: provide for the disinfection of an occupied crypt and its equipment from time to time without opening, removing or in any manner-disturbing either the top, bottom, sides or ends of the crypt's main structure, and without permitting air to enter said crypt while the process of disinfection is being accomplished, also to provide a way and means by which an occupied crypt is hermetically sealed immediately or early after the cessation of dissolution of the body occupying the crypt has shown itself. I attain these objects by the novel construction illustrated in the drawings a part of this specification, in which:—

Figure 1 is a sectional view of a tier of mausoleum crypts 5, the top crypt 5^a of which is equipped with my disinfector; moisture and disinfecting pipes: Fig. 2 is a sectional view of the main body of my disinfector 10: Fig. 3 is a sectional view of my moisture disinfecting receptacle 6 showing a U shaped or trapped flush-pipe 7 in position, and Fig. 4 is an enlarged view of my perforated woven wire bottomed disinfectant cans or boxes 20 in Fig. 2, said figures showing clearly the features of my invention.

Similar numerals indicate corresponding parts in all the figures.

The foundation walls 1 may be of any suitable material and of suitable thickness and depth. Between the foundation walls 1 I provide a bed or deposit of cinders 2 or other suitable material, which is preferably packed or rammed down tight after the moisture disinfecting receptacle 6 has been duly installed within the bed of cinders 2 at its proper point, and the upper surface of the cinder bed 2 and the upper surface of the foundation 1 are on the same level. Upon the bed of cinders 2 and upon the foundation walls 1 I place a concrete floor 3 having a level surface. Upon this concrete floor 3 is built the outer walls 4 of the mausoleum, after which the crypts 5 are erected upon the concrete floor 3 between the outer walls 4.

5^a shows the structural body of a mausoleum crypt equipped to embody my invention.

8 is a metal moisture pipe extending from the bottom of the inner floor of the crypt 5^a downward to the moisture disinfecting receptacle 6 embedded within the cinder deposit 2.

22 is a gas-exit pipe beginning at 9 and leading directly from the inner top of crypt 5^a and connected with the disinfector 10 by means of pipe 23.

11 is a deposit of liquid disinfectant stored in the reservoir, or disinfecting chamber, a part of disinfector 10.

12 is the disinfecting material, antiseptics, deodorizers and acids in crystal and powdered form contained in the perforated woven wire bottomed cups or boxes 20.

13 is an air chamber extending between the disinfecting perforated woven wire bottomed cups 20, and 14 is a screw threaded metal plug which is removed from the body of the disinfector 10 when inserting the perforated woven wire bottomed cups 20 within the main body of the disinfector 10.

15 is a screw threaded metal plug which is removed from the main body of disinfector 10 when supplying the liquid disinfectant 11 to the reservoir or liquid chamber in the disinfector 10, and 16 is a screw threaded metal plug which is removed when gas-exit pipe 22, ending at 9, is used for disinfecting the crypt 5^a and the moisture pipe 8 by the process of liquid flushing.

17 is a vent-pipe leading from the disin-

factor 10 to and beyond the top of the roof of the mausoleum.

18 is a stop-cock which regulates the outgo of gas from the disinfector 10 to the vent-pipe 17, and 19 is a stop-cock a part of gas-exit pipe 22 between crypt 5^a and the disinfector 10, which is closed during the charging or supplying of the liquid and air chambers within the disinfector 10: is open during the exit of gas from crypt 5^a into the disinfector 10: open during the flushing of crypt 5^a and the moisture pipe 8, and is closed when used to hermetically seal crypt 5^a.

20 is a perforated woven wire bottomed cup or can in which granulated and powdered chemical disinfectants and deodorizers are stored for service within the disinfector 10.

21 is a stop-cock, a part of flush-pipe 7, and is used to seal said flush-pipe when the same is not in active service.

In the beginning of the erection of a mausoleum containing crypts embodying my invention the moisture disinfecting receptacle 6 and portions of the feed and flush pipes 8 and 7 are given a fixed position within the cinder bed 2 before the concrete floor 3 has been placed, further additions to said feed and flush pipes 8 and 7 being added thereto as the structure proceeds upward. While the crypt 5^a is in the course of erection the moisture or feed pipe 8 is admitted within the crypt 5^a upon a direct line with said crypt's floor or bottom when said moisture or feed pipe 8 is perfectly and permanently secured to the inner and outer wall of said crypt 5^a and becomes a perpetually fixed part of said crypt by means of the use of cement, screw threaded metal fittings and rubber or compressed paper gaskets. A like connection is made in the top wall or end of crypt 5^a with gas-exit pipe 22 beginning at 9 and leading into the disinfector 10.

In the assemblage of a crypt disinfecting equipment I use, preferably, enameled or galvanized wrought iron pipe and malleable iron fittings, all of suitable sizes, my disinfector and its connections representing a combination consisting of metal pipe, stop-cocks, bends, T's and screw threaded plugs, the full construction of which is given by the drawings, a part of this specification.

When an occupant has been placed within the crypt 5^a and the cement or stone closure of the crypt has been substantially cemented in position and the crypt closed, I remove the screw threaded metal plugs 14 and 15 and charge the liquid and air chambers of disinfector 10 with suitable disinfectants and deodorizers, after which I return the screw threaded metal plugs 14 and 15 to their position in the body of disinfector 10. I next remove screw threaded

metal plug 16 and flush gas-exit pipe 22, crypt 5^a and moisture pipe 8 with a disinfecting solution or liquid, after which plug 16 is returned to its place and the disinfector 10 proceeds with its work of disinfecting, purifying and casting off such contaminated air as is expelled by crypt 5^a. As must be readily seen the disinfector 10 may be freshly charged with disinfectants and the flushing of the crypt 5^a and moisture disinfecting receptacle may occur as frequently as may be desired.

Having fully described my invention, what I claim therefor and desire to secure by Letters Patent is:—

1. In a mausoleum interment crypt the combination of a crypt having as a connection and a part thereof a discharge moisture pipe leading from the inner side of the bottom wall or floor of said crypt downward to and connected with a moisture disinfecting receptacle fitted with an independent U shaped or trapped flush-pipe: a gas-exit pipe leading from the inner top wall of said crypt into a disinfector having air, liquid and disinfecting storage chambers, and an exit pipe leading from said disinfector into the outer air, substantially as set forth.

2. In a mausoleum interment crypt the combination of a crypt having as a connection and a part thereof a discharge moisture pipe leading from the inner side of the bottom wall or floor of said crypt downward to and connecting with a moisture disinfecting receptacle fitted with an independent U shaped or trapped flush-pipe: a gas-exit pipe leading from the inner top wall of said crypt into a disinfector having air, liquid and disinfecting storage chambers therein, with outer access to the inner part of said chambers by the removal of screw threaded metal plugs, and an exit pipe leading from said disinfector into the outer air, substantially as set forth.

3. In a mausoleum interment crypt the combination of a crypt having as a connection and a part thereof a discharge moisture pipe leading from the inner side of the bottom wall or floor of said crypt downward to and connecting with a moisture disinfecting receptacle fitted with an independent U shaped or trapped flush-pipe: a gas-exit pipe leading from the inner top wall of said crypt into a stop-cock and from thence into a disinfector having connected air, liquid and storage chambers therein with outer access to the inner part of said chambers given by the removal of screw threaded metal plugs, and a stop-cock a part of the exit pipe leading from said disinfector into the outer air, substantially as set forth.

4. In a mausoleum having vaults therein, a gas-exit pipe leading from each vault, a U-shaped disinfector and a vent-pipe, said gas-exit pipe, disinfector and vent-pipe



being arranged in series, a moisture-pipe for disposing of the liquids of decomposition within the vault, said gas exit-pipe having a removable cap whereby the vault may be flushed, said moisture-pipe also furnishing means for the disposal of the flushing liquid.
In testimony that I claim the foregoing

as my invention I have signed my name, in presence of two witnesses this 5th day of December A. D. 1911.

EDMUND N. HATCHER.

Witnesses:

C. R. SPENCER,
JOHN A. MORROW.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."