

E. EASTMOND.

VENTILATING WATER-CLOSET.

No. 171,926.

Patented Jan. 11, 1876.

Fig. 1.

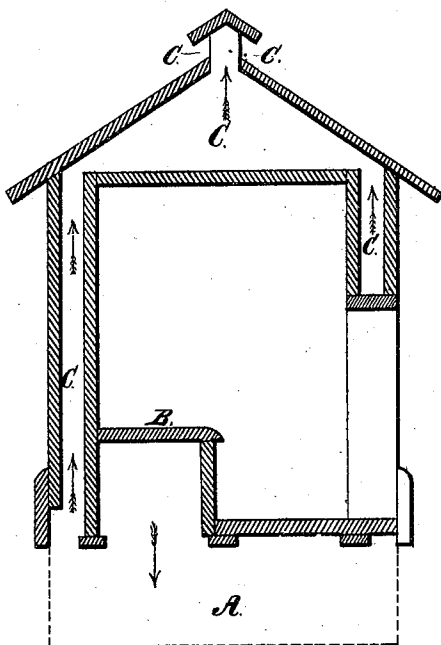
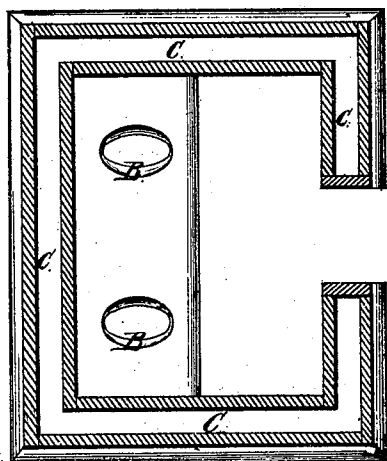


Fig. 2.



Attest

Wm. McCloskey.

Inventor.

Elbert Eastmond.

UNITED STATES PATENT OFFICE.

ELBERT EASTMOND, OF AMERICAN FORK, UTAH TERRITORY, ASSIGNOR
OF ONE-HALF HIS RIGHT TO WILLIAM TALBOT COTTIER.

IMPROVEMENT IN VENTILATING WATER-CLOSETS.

Specification forming part of Letters Patent No. **171,926**, dated January 11, 1876; application filed
September 22, 1875.

To all whom it may concern:

Be it known that I, ELBERT EASTMOND, of American Fork, in the county of Utah, Territory of Utah, have invented a new and useful Improvement in the Ventilation of Water-Closets, which improvement is set forth in the following specification, reference being made to the accompanying drawing.

The object of my invention is to create a continual draft of air from the interior of the water-closet downward through the holes B in the seats thereof, thence upward through an air-tight chamber between the interior lining of the building and outer covering thereof, such interior lining and exterior covering being made substantially air-tight, and the said chamber C being carried above the building and communicating with the outside air.

The sink or vault A, whether constructed with a cement wall, board lining, or simply dug in the earth, is finished by banking or otherwise, so as to admit of the ingress of no air, except through the holes in the seat B, or through the air-chamber C.

The air-chamber may be made to surround the entire building, except doorway, or made in only a part of the wall thereof.

It is found by experiment that in a building so constructed, the air-chamber being duly proportioned, the current of air is continuous downward through the holes B in the seat, up through the said chamber C, and thence into the open air, thereby keeping the air inside the closet pure.

I claim as my invention—

1. The application of a draft of air through the vault A, between the interior and exterior coverings of a water-closet, thence upward to the exterior atmosphere, for the purpose of keeping the water-closet pure and wholesome.

2. A double-wall privy, sealed upon its vault, so that no air can enter the vault except through the holes in the seat of the privy, whereby the atmosphere of the closet is kept pure by means of a continuous downward draft through the holes, and an upward draft through the double wall of the privy, all constructed substantially as described.

ELBERT EASTMOND.

Witnesses:

P. EDW. CONNOR,
CHAS. A. GOULD.