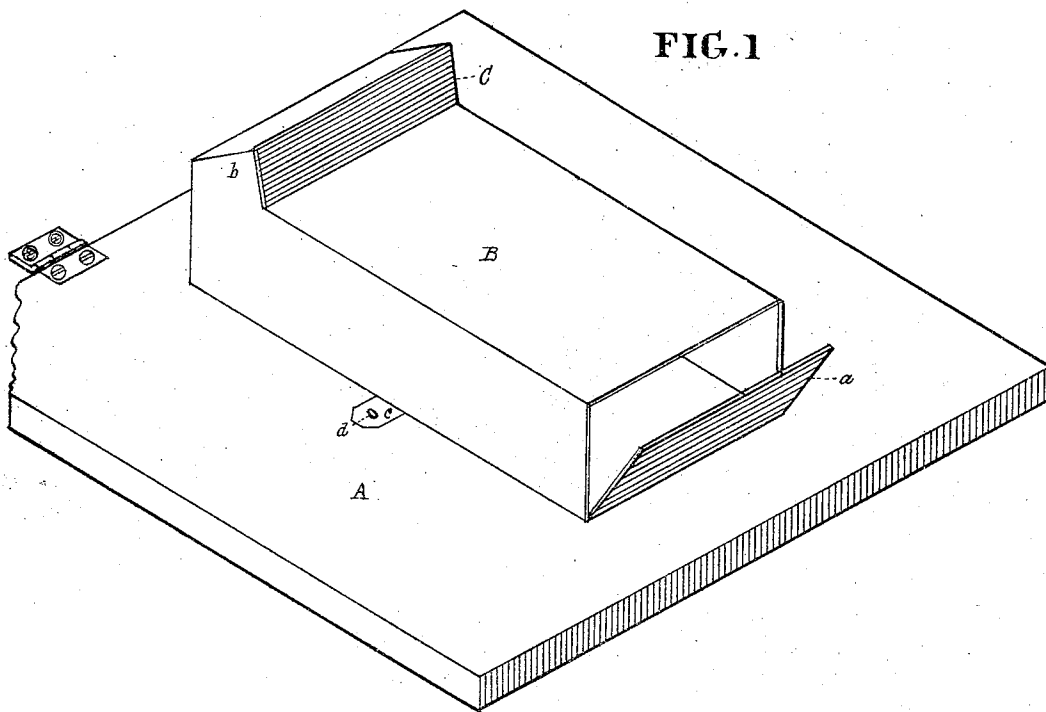


R. S. WILLIAMS.
Earth-Closets.

No. 135,026.

Patented Jan. 21, 1873.



WITNESSES

Thomas J. Dwyer.

Isaac Rindge

INVENTOR

Robert S. Williams

By His Attorney

Stephen Utick

R. S. WILLIAMS.
Earth-Closets.

No. 135,026.

Patented Jan. 21, 1873.

FIG. 2

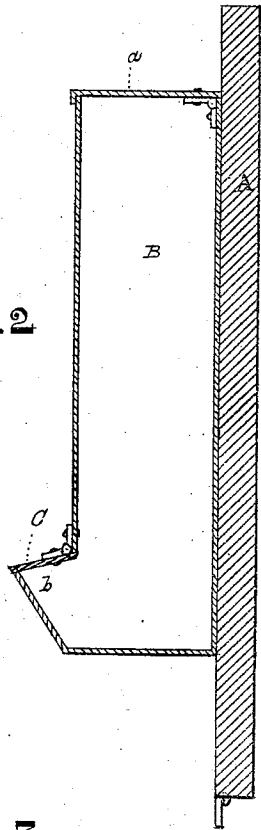
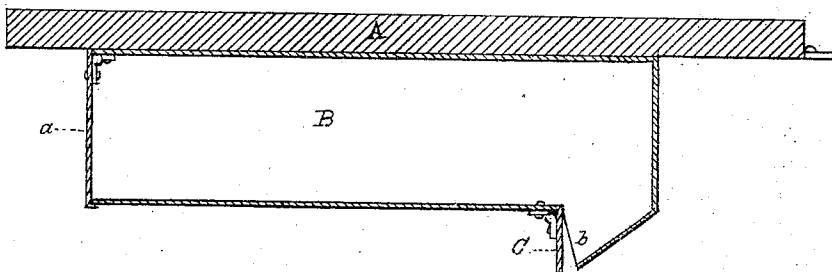


FIG. 3



WITNESSES

Thomas J. Dewley.

Isaac Rinage

INVENTOR

Robert S. Williams
By His Attorney
Stephen Ustick

UNITED STATES PATENT OFFICE.

ROBERT S. WILLIAMS, OF NORRISTOWN, PENNSYLVANIA.

IMPROVEMENT IN EARTH-CLOSETS.

Specification forming part of Letters Patent No. 135,026, dated January 21, 1873.

To all whom it may concern:

Be it known that I, ROBERT S. WILLIAMS, of Norristown, in the county of Montgomery and State of Pennsylvania, have invented certain Improvements in Earth-Closets, of which the following is a specification:

My invention relates to a sheet-iron earth-receptacle in the form of a parallelogram, which is attached to the under side of the lid. One end of the receptacle has a hinged cover to be opened for charging it with earth, and the other end, which is contiguous to the hinged side of the lid, is provided with a chute, which receives a charge of earth when the lid is thrown into its upward position, and discharges it into the pan when it is brought to its closed position, as hereinafter described.

Figure 1 is an isometrical view of the lid A of the earth-closet, and the improved earth-receptacle B attached, the door *a* being partly open. Fig. 2 is a sectional view through the lid A and receptacle B when the lid is brought to its elevated position. Fig. 3 is a like view when the lid is in its closed position.

Like letters in all the figures indicate the same parts.

A is the lid of an earth-closet. B is the improved earth-receptacle, which is provided with a door, *a*, at one end, which is opened for filling the former with earth, and a chute, *b*,

at the other end for receiving a charge of earth at each upward movement of the lid, and discharging it into the pan in the downward movement of the same, the bottom of the chute slanting downward to cause the earth to pass out freely into the pan. The receptacle is provided with ears *c c c*, through which screws or nails *d* pass and confine it to the lid. The chute is provided with a cap, C, which closes when the lid is up to prevent dust flying out, but opens when it is down for the discharge of earth, as seen in Fig. 3. The cap is not, however, indispensable and may be left off if desired.

I usually construct the receptacle of galvanized iron, but do not confine myself to the use of this material.

It will readily be seen that the earth-receptacle may be attached to any commode.

I claim as my invention—

The combination of the lid A of an earth-closet, and the earth-receptacle B having a door or cover, *a*, at one end, and a chute, *b*, at the other end, substantially in the manner and for the purpose set forth.

ROBERT S. WILLIAMS.

Witnesses:

STEPHEN USTICK,
THOMAS J. BEWLEY.