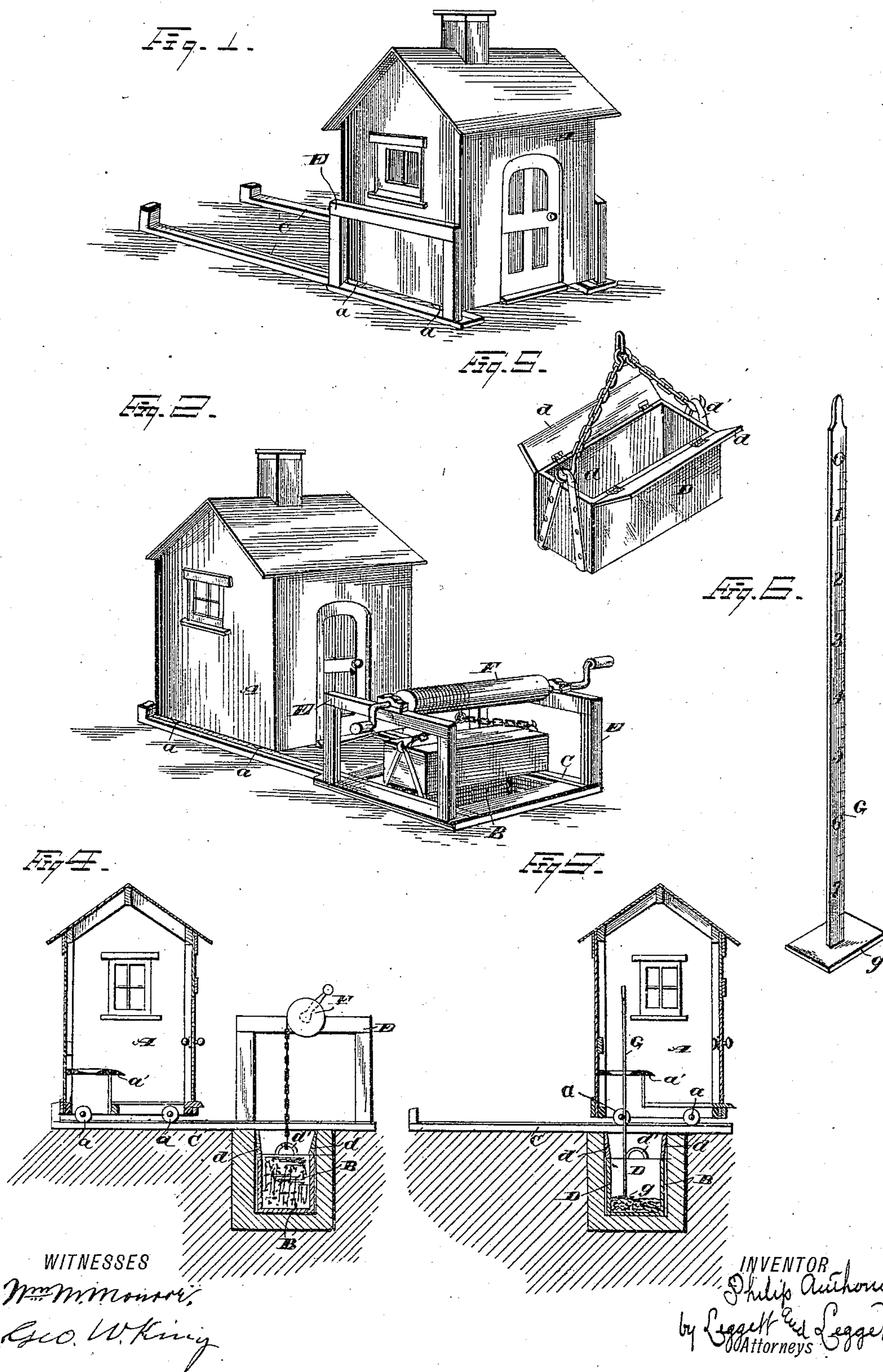


(No Model.)

P. ANTHONY.
PRIVY AND ATTACHMENT.

No. 334,151.

Patented Jan. 12, 1886.



UNITED STATES PATENT OFFICE.

PHILIP ANTHONY, OF CLEVELAND, OHIO.

PRIVY AND ATTACHMENTS.

SPECIFICATION forming part of Letters Patent No. 334,151, dated January 12, 1886.

Application filed November 30, 1885. Serial No. 184,301. (No model.)

To all whom it may concern:

Be it known that I, PHILIP ANTHONY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Privies and Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in privies and attachments, in which the privy is mounted on wheels or rollers operating on skids, to the end that the privy-building may be conveniently removed from over the privy-vault. A container for night-soil is located in the privy-vault, with a windlass or suitable mechanism for elevating the container, so that the latter, with its contents, may be removed and another container placed in the vault. A measuring apparatus is employed for ascertaining the amount of night-soil in the container, to insure a removal of the latter in due time.

With these objects in view my invention consists in certain features of construction and in combination of parts hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of my improved privy in position over the vault. Fig. 2 is a view in perspective showing the privy-building removed from over the vault, and showing a windlass in position and the container elevated. Figs. 3 and 4 are elevations in section of the privy building, vault, and container, the former showing the manner of applying the measuring device and the latter showing the privy removed and the hoisting apparatus in position for elevating the container. Fig. 5 is a view in perspective of the container. Fig. 6 is a view in perspective of the measuring-stick.

A represents the privy-building, and B the privy-vault. The latter is preferably made of some durable material—such, for instance, as brick, stone, or cement. Skids or sills C rest on the walls of the vault and extend along on top of the ground in any direction that is most convenient, according to circumstances.

The privy-building is mounted on small

wheels or rollers *a*, that travel on the skids, by means of which the privy-building may easily be removed from over the vault and as easily returned to its place.

D is a container for night-soil, and fits easily inside of the vault. The container is provided with covers *d*, that close the container when the latter is being removed. When the container is in position at the bottom of the vault, these covers incline upward and outward, as shown in Figs. 3, 4, and 5, the free edges of the covers resting against the walls of the vault. Strong loops *d'*, or other suitable devices, are secured to the container for attaching the hoisting apparatus. Frames E rest on the skids, and may be permanently or detachably secured thereto. A windlass, F, or any of the suitable or well-known mechanical appliances, is employed for elevating the container. When the container has been elevated, so that the skids or planks may be placed across the top of the vault and under the container, other skids or inclines may be arranged for loading the container onto a wagon, in which case, by attaching a snatch-block to the opposite side of the wagon, the windlass may be used to advantage in loading the container.

As there is usually little or no light in the privy-vault, the removal of the container is likely to be deferred until it is overflowing with night-soil. For ascertaining with certainty the depth of night-soil in the container, in view to its being removed in time, I provide a measuring-stick, G, having a small piece of board, *g*, attached to the bottom end thereof. The board *g* is of such size that it can be passed through the opening in the seat *a'*. A scale of feet and inches is marked on the stick, as shown in Fig. 6, the numerals increasing downward. The arrangement of parts is such that, with the board *g* resting on the bottom of the container, the zero-mark is flush with the top of the seat *a'*. This measuring-stick may be applied from time to time, and the figures flush with the seat *a'* will indicate in feet and inches the depth of the night-soil in the container. When the container is to be removed, the covers are folded down so that but little odor escapes. Duplicate containers may be had, so that the container being emp-

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 tied need not be returned until the second container requires emptying. Meanwhile the empty container may be disinfected, if need be.

In some rural districts, where, from the
 5 primitive habits of the people, there is but little call for a privy, except for an occasional visitor, and where a hole in the ground serves as a privy-vault, and said hole in the ground is supposed to extend for some distance below
 o the privy-seat, and to meet the requirements for a generation or two, there would be but little call or use for my valuable improvement.

In the larger towns and cities the cleaning of privy-vaults is the source of much annoyance and of considerable expense.

With my improvements perhaps half of the expense and much of the annoyance may be saved.

What I claim is—

o 1. The combination, with a privy-building mounted on wheels or rollers, of a privy-vault having a removable container located therein, and suitable mechanism for elevating the container, the parts being arranged substantially as
 5 described, and for the purposes set forth.

2. The combination, with a privy-building mounted on wheels or rollers, and skids or tracks arranged for the said wheels or rollers to travel on, of a removable container for night-soil, located in the privy-vault, said container
 30 having lids or covers for closing the same, and frames connected with the skids for supporting a hoisting apparatus, the parts being arranged and operated substantially as described.

35 3. The combination, with a privy-building mounted on rollers or wheels, and a removable container located in the privy-vault, of a measuring-stick arranged substantially as described, whereby the depth of the night-soil in
 40 container is indicated in feet and inches by the the figures on the measuring-stick that are flush with the privy-seat.

In testimony whereof I sign this specification, in the presence of two witnesses, this
 45 13th day of November, 1885.

PHILIP ANTHONY.

Witnesses:

CHAS. H. DORER,
 ALBERT E. LYNCH.