

D. B. EASTMAN.
CABINET CLOSET.
APPLICATION FILED JULY 17, 1911.

1,050,435.

Patented Jan. 14, 1913.

2 SHEETS—SHEET 1.

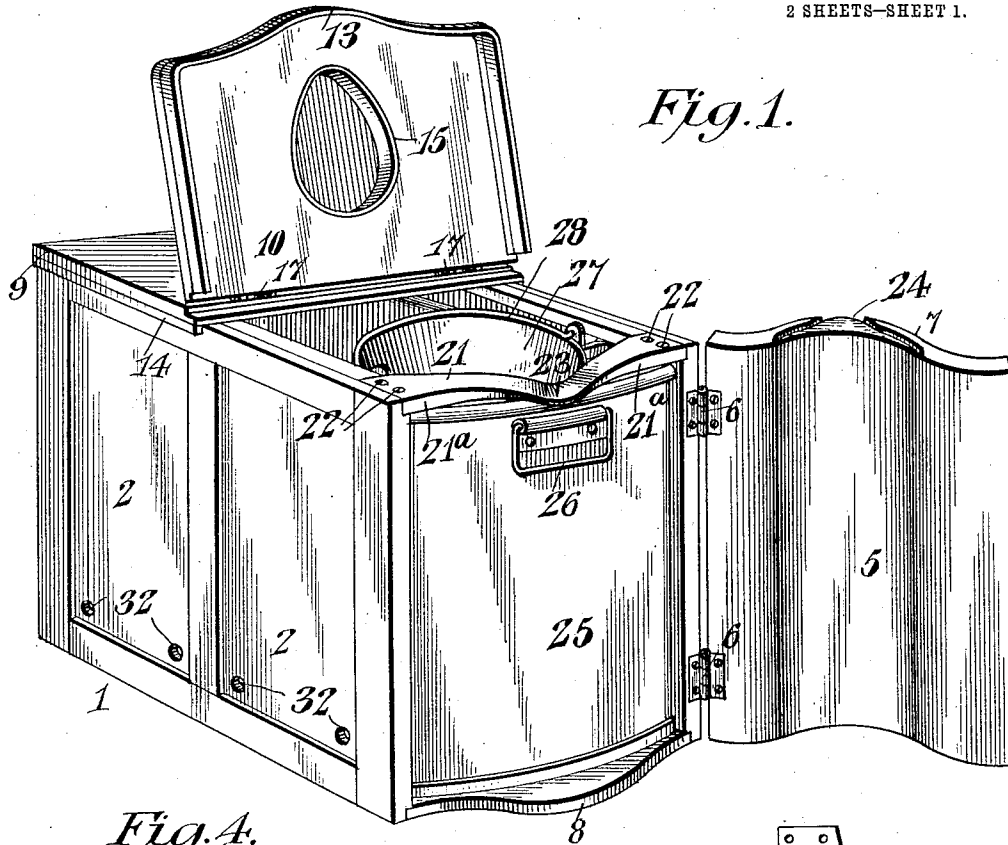


Fig. 1.

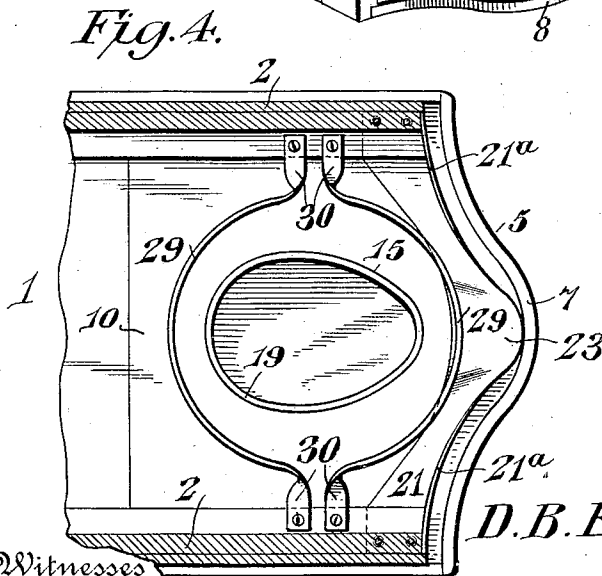


Fig. 4.

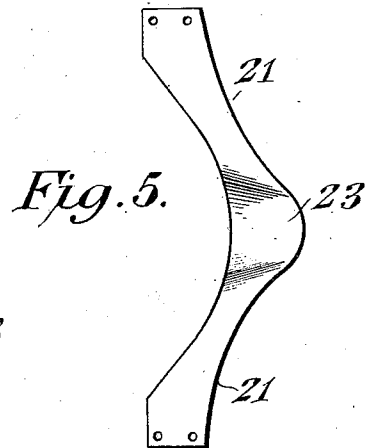


Fig. 5.

D. B. Eastman, Inventor

Witnesses

Jas. F. McLaughlin
John H. Siggers

By

E. J. Siggers
Attorney

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2 SHEETS—SHEET 2.

Fig. 2.

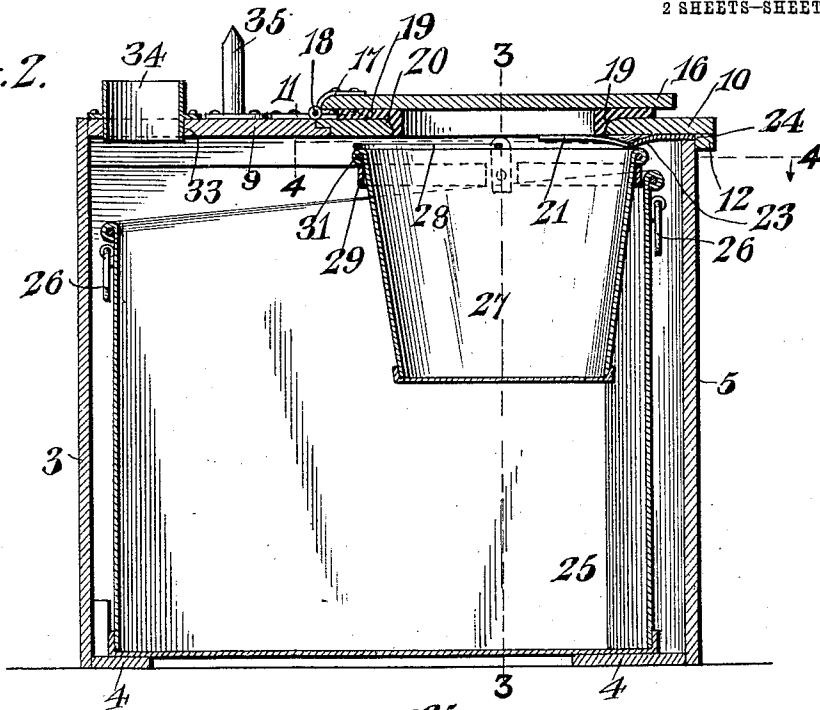
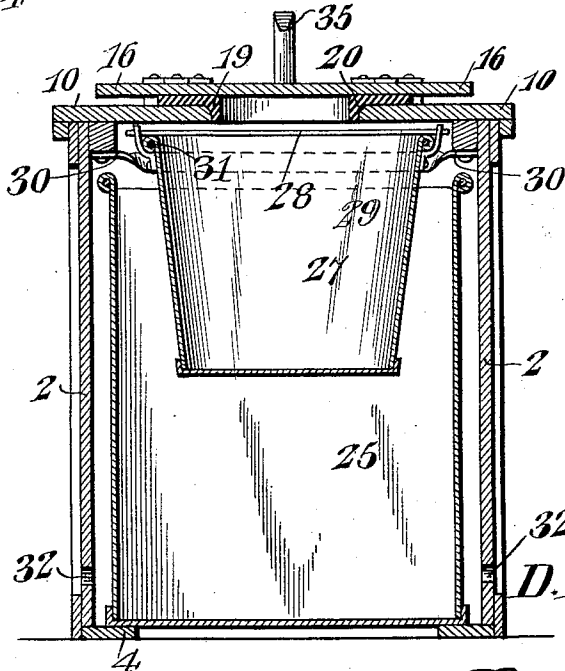


Fig. 3.



D. B. Eastman,
Inventor

Witnesses
Jas. E. McArthur
John N. Siggers

By

E. J. Siggers
Attorney

UNITED STATES PATENT OFFICE.

DAN B. EASTMAN, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR TO CHARLES F. MERRIMAN, OF MINNEAPOLIS, MINNESOTA.

CABINET-CLOSET.

1,050,435.

Specification of Letters Patent.

Patented Jan. 14, 1913.

Application filed July 17, 1911. Serial No. 638,975.

To all whom it may concern:

Be it known that I, DAN B. EASTMAN, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Cabinet-Closet, of which the following is a specification.

The invention relates to improvements in cabinet closets.

The object of the present invention is to improve the construction of cabinet closets, and to provide a simple, efficient and comparatively inexpensive cabinet closet, adapted to be easily maintained in a perfectly sanitary condition.

A further object of the invention is to provide a cabinet closet of this character, equipped with a removable tank of relatively large capacity, and also provided with means for removably supporting a pail in position beneath the seat opening, so that the dry closet may be emptied from time to time by one person without the assistance of others.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings:—Figure 1 is a perspective view of a cabinet closet, constructed in accordance with this invention. Fig. 2 is a central vertical sectional view of the same. Fig. 3 is a transverse sectional view on the line 3—3 of Fig. 2. Fig. 4 is a horizontal sectional view on the line 4—4 of Fig. 2. Fig. 5 is a detail view of the metallic shield. Like numerals of reference designate corresponding parts in all the figures of the drawings.

In the accompanying drawings in which is illustrated the preferred embodiment of the invention, 1 designates a cabinet or casing of approximately rectangular form and comprising side walls 2, a rear wall 3 and a bottom 4, rigidly connected with the rear

and side walls. The cabinet or casing, which may be constructed of any suitable material and in any preferred manner, is provided at the front with a door 5, connected with one of the side walls by hinges 6 and having an outwardly curved intermediate portion 7, forming a swell front. The bottom 4 is also provided with a projecting front end 8, which conforms to the configuration of the inner face of the door to provide a tight fit or connection when the door is closed.

The top of the cabinet or casing is composed of a stationary rear section 9 and a hinged front section or lid 10. The rear section is rigidly secured to the side walls, and the front section or lid 10 is connected to the rear section by suitable hinges 11. The adjacent edges of the front and rear sections of the top of the cabinet or casing are recessed and overlapped to form a tight joint when the lid is closed, so as to prevent the escape of odors. The hinged front section or lid is provided at the edge and front edges with a depending marginal flange 12, fitting against the outer face of the side walls and the outer face of the door, and adapted to assist in preventing the escape of odors and also serving to retain the door in its closed position. The depending flange 12 is curved outwardly at the front at 13 to fit the swell of the door, and the hinged front section or lid is also shaped to conform to the configuration of the same. The stationary rear section of the top of the casing or cabinet is also preferably provided with depending side flanges 14, forming continuations of the side portions of the flanges 12 to make a tight joint and add to the finish of the casing or cabinet. The hinged front section or lid of the casing or cabinet is provided with a seat opening 15, which is normally closed by a hinged cover 16, provided at the rear edge with loops or hinge elements 17 and connected to the hinges 11 by the pintles 18 thereof, thereby forming three-leaf hinges. The cover 16 is provided with an elastic pad 19, constructed of rubber or other suitable material and conforming to the configuration of the seat opening and having concave outer faces to fit the same, whereby a tight joint is secured and the escape of odors effectually

prevented. The rubber pad 19 besides serving as a sealing device is also adapted to operate as a cushion or sound deadening device to prevent noise when the cover is dropped to its closed position.

The cabinet or casing is equipped at the top of its open front with a metallic cross piece 21 of approximately V-shape and construction of sheet metal or other suitable material, and extending forwardly from opposite sides of the casing, the ends of the metallic piece being secured by screws 22, or other suitable fastening devices to the side walls of the cabinet or casing at the upper edges thereof. The ends of the metallic piece 21 are horizontal and are let into the side walls and are arranged in flush relation with the upper and front edges thereof. The metallic piece 21 constitutes a shield, and the central portion 23, which is received in a central recess 24 in the upper edge of the door, slants downwardly and inwardly and broadens from the front edge to the rear edge through the taper or V-shape, so as to form a guard for preventing liquid matter from running down between a tank 25 and the door and walls of the cabinet or casing. The side portions of the transversely disposed metallic shields are provided at their front edges with depending flanges 21^a, which fit against the inner face of the door at the side portion thereof.

The tank 25, which is inclosed by the casing 1, is of approximately rectangular form, the front being slightly curved to conform to the configuration of the front of the cabinet or casing. The tank, which is of relatively great capacity, is provided at the front and back with suitable handles 26 to enable it to be conveniently carried by two persons. The cabinet or casing is also equipped with a support for holding a removable pail 27 in position beneath the seat opening, and the metallic guard extends from the front face of the door to a point in rear of the front walls of the tank and the pail for conducting the liquid into the same. The pail, which is adapted to be conveniently handled by one person, is provided with a suitable bail 28, and the support is composed of two approximately semi-circular bars 29, constructed of suitable metal and having flat faces to fit the exterior of the receptacle. The terminals 30 of the curved supporting bars 29 have quarter bends to arrange the metal flatwise in a horizontal plane to facilitate securing the supporting bars to the side walls of the cabinet.

The pail, which is provided at its upper edge with a bead 31, rests upon the upper edges of the curved supporting bars and is preferably of elliptical form, the major diameter of the top portion being from front

to rear, so that in placing the pail in the support and in removing it therefrom, a slight rotary movement of the pail will carry the front edge beneath the central portion of the shield and from beneath the same. The front or outer curved supporting bar 29 is arranged below the lower face of the shield a sufficient distance to receive the bead of the pail and permit the said bead to be arranged between the said front supporting bar and the shield. This will enable the removable pail to be conveniently held with its front portion extending beneath the guard.

The casing or cabinet is provided in its sides near the bottom with air inlet openings 32, and it has an opening 33 in its top at the back and is provided thereat with a collar or pipe section 34 to enable a pipe (not shown) leading to the open air to be connected with the cabinet for causing a circulation of air through the same. The cabinet is also equipped at the top with a suitable rest 35 for supporting the cover and the hinged front section or lid in an inclined position.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A cabinet closet of the class described including a casing comprising side and rear walls, a hinged door constituting the front wall of the casing, and a top having a hinged lid provided with a seat opening, a tank arranged within the casing and removable at the front thereof, a receptacle supported within the casing and extending into the tank and removable at the top of the said casing, and a metallic shield extending across the front of the casing at the top thereof and connected with the side walls of the same and constituting a top connecting bar and having an inclined central portion extending from the upper edge of the door to the receptacle, said shield being also provided at the side portions with depending flanges fitting against the inner face of the door.

2. A cabinet closet of the class described including a casing provided with spaced side walls, a hinged door constituting the front wall of the casing, a receptacle supported within the casing, and a substantially V-shaped metallic shield extending across the front of the casing at the top thereof and rigidly connected with the side walls and constituting a top connecting bar, said shield consisting of substantially horizontal end portions, and an inclined central portion extending from the upper edge of the door to the receptacle.

3. A cabinet closet of the class described including a casing comprising side and rear walls, a hinged door constituting the front wall of the casing and having an outwardly

bowed central portion, and a top having a hinged lid provided with a seat opening, a receptacle arranged within the casing beneath the seat opening, and an approximately V-shaped metallic shield extending across the front of the casing at the top thereof and connecting the side walls of the same and having an inclined central portion extending from the door to the receptacle, said shield being also provided at

the side portions with depending flanges fitting against the inner face of the door.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

DAN B. EASTMAN.

Witnesses:

F. L. McLEAN,
W. I. FORBS, Sr.

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