

(No Model.)

G. E. WALDO.
PRIVY SEAT COVER.

No. 466,388.

Patented Jan. 5, 1892.

Fig. 1.

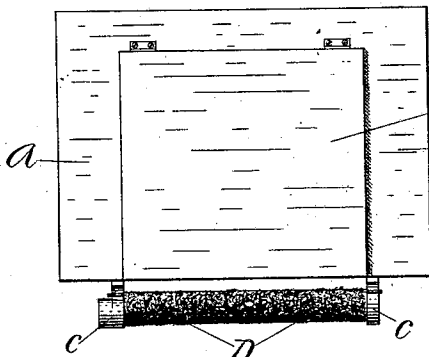


Fig. 2.

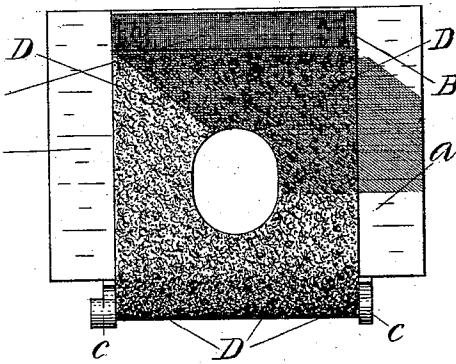


Fig. 4.

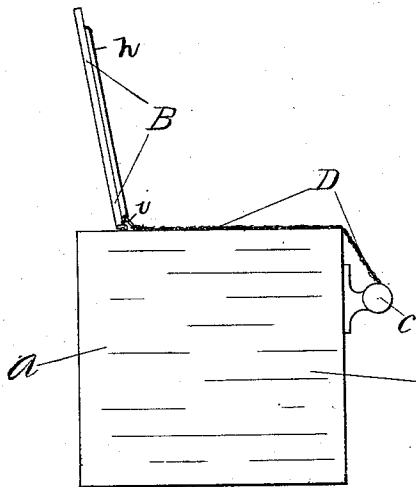


Fig. 3.

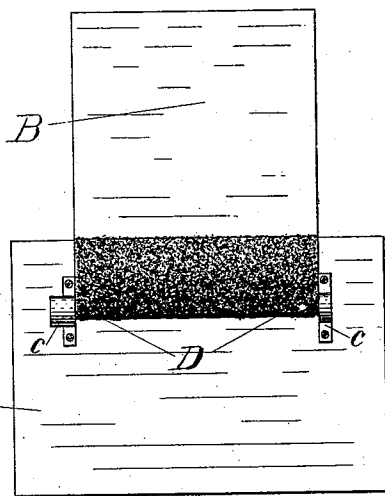
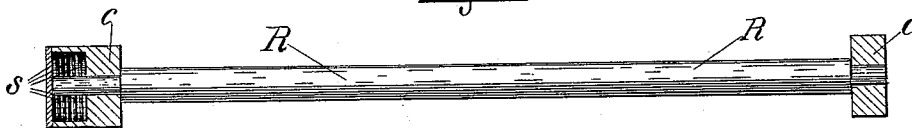


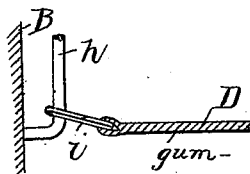
Fig. 5.



Witnesses.

P. B. Cant

J. F. Metcalf



Inventor

Geo. E. Waldo.

By Atty.

Charles Sturtevant.

UNITED STATES PATENT OFFICE.

GEORGE E. WALDO, OF MANITOWOC, WISCONSIN.

PRIVY-SEAT COVER.

SPECIFICATION forming part of Letters Patent No. 466,388, dated January 5, 1892.

Application filed April 30, 1891. Serial No. 391,048. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. WALDO, a citizen of the United States of America, residing at Manitowoc, in the county of Manitowoc and State of Wisconsin, have invented certain new and useful Improvements in Privy-Seat Covers, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in covers for the seats of water-closets, privies, and the like. The discomfort caused by the sensation of cold incident to the contact of the body with the seats of ordinary outdoor privies or indoor water-closets where the rooms are not heated is well known. This is not only uncomfortable to persons in good health, but in the case of delicate persons, and particularly women, is likely, by sudden chilling, to seriously affect the sensitive internal organs located in that portion of the body and cause dangerous sickness.

The object, therefore, of the invention is to provide, in addition to the ordinary cover of the privy-seat, one of suitable non-conducting fabric provided with a central opening, upon which the body of the person is seated, thereby avoiding the dangerous contact above referred to.

My invention therefore consists, in combination with the seat and cover of a water-closet or privy, of a supplemental cover attached at one end to the seat and at the other end so attached as to be automatically operated with the movement of the cover.

My invention further consists in the combination, with the seat and cover of a water-closet or privy, of a supplemental cover of textile fabric attached at one end to a spring-roller journaled on the seat and at the other end attached to rods upon the cover, whereby the movement of the cover automatically actuates the supplemental cover.

The invention consists, furthermore, in combination with other elements, of a supplemental cover of textile fabric on its upper surface, but having an under surface of water-proof material, whereby when the seat is wet by reason of becoming frosted or from any other cause the water-proof lining will

prevent the water reaching the fabric and being absorbed thereby.

The invention consists, finally, in various details of construction and arrangement of parts hereinafter described, and referred to in the appended claims.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a top view of an ordinary water-closet seat with its aperture closed by a wooden cover in the usual manner, the supplemental cover being rolled up in front of it, as it will be when not in use. Fig. 2 is a top view with the cover raised and the supplemental cover in position for use. Fig. 3 is a front view. Fig. 4 is a side elevation. Fig. 5 is a detached view, partly in section, of the roller upon which the supplemental cover is wound.

In the drawings, A represents the ordinary water-closet or privy seat, provided with the usual aperture *a*. The ordinary cover B is hinged thereto, as shown at *b*.

Journaled in brackets *c* upon the front of the seat A is a roller R. This roller passes into openings formed in these brackets. One of these brackets is provided with a recess *d*, within which is placed a coiled spring S, attached at one end to the axis of the roller R and at the other end to the interior of the recess *d*, thereby keeping the roller normally at rest. This recess *d* is provided with a suitable cover *f*, whereby access can be had to the spring S when desired. To this roller is secured in any desirable manner one end of a piece of flannel or suitable textile fabric D, provided with an opening *g*, which when the fabric is extended just registers with the aperture *a* in the privy-seat. It will be seen that when this fabric or supplemental cover D is unwound from the roller it will form a cover for the privy-seat, thus preventing contact of the body with the bare wood or other material of which the seat may be composed. The spring S always tends to keep the cover D wound upon the roller, and it is therefore necessary to provide means for holding it in its extended position. This might be done positively, as shown in patent of Hawkins, No. 120,276, of October, 1871, or by providing

a pin near the back of the seat, upon which the end of the cover D can be secured after having been unwound positively from the roller, in which case it will be necessary to

5 positively detach the cover D from the fastening device in order to let the spring S operate to wind the cover upon the roller. Such an arrangement is, however, defective, and in order, therefore, to obviate these defects I

10 provide means for automatically operating the supplemental cover D upon the movement of the main cover B. Secured upon said main cover B are rods *h*, upon each of which a ring *i* is adapted to run. These rings are secured

15 (removably, if desired) at the two corners of the cover D opposite the roller R, and it will thus be seen that when the cover B is raised the supplemental cover D will be unwound, and by reason of the ring-and-rod connection

20 with B, stretched across the seat A, at the same time winding up the spring S. When the cover B is lowered, the spring S causes the rings *i* to run on the rods, thus allowing the cover D to be wound again on the roller.

25 While I have shown and described the above as a desirable means for securing the automatic action of the cover D, I desire it to be understood that I do not limit myself to the particular means shown, the main feature

30 of the present invention being the combination, with the seat A and cover B, of the supplemental cover D, automatically operated upon the raising or lowering of said cover B.

35 As a further improvement in devices of this kind, I provide the under side of the supplemental cover D with a coating or lining of gum, rubber, or any suitable waterproofing

material, whereby in case there were moisture on the seat it could not penetrate to and be absorbed by the covering of textile fabric. 40

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

1. The combination, with a privy-seat and main cover, of a supplemental cover secured 45 at one end to the seat and movably attached at the other end to the main cover, whereby on the movement of the main cover the supplemental cover is operated, substantially as described. 50

2. The combination, with a privy-seat and main cover, of a spring-roller attached to the seat, a supplemental cover attached at one end to the roller, rods on said main cover and rings secured to said supplemental cover, and 55 sliding on said rods, said supplemental cover being composed of suitable non-conducting textile fabric.

3. The combination, with a privy-seat and main cover, of a spring-roller attached to the 60 seat, a supplemental cover attached at one end to the roller, rods on said main cover and rings secured to said supplemental cover, and sliding on said rods, said supplemental cover being composed of suitable non-conducting 65 textile fabric having a layer of water-proof material on its under surface.

In testimony whereof I affix my signature in presence of two witnesses.

GEO. E. WALDO.

Witnesses:

S. A. WOOD,
FRED HAUKOHL.