No. 710,021. Patented Sept. 30, 1902.

H. M. SOLVESON.

DETACHABLE WATER CLOSET SEAT.

(Application filed Nov. 27, 1901.)

(No Model.)

Fig. 1.

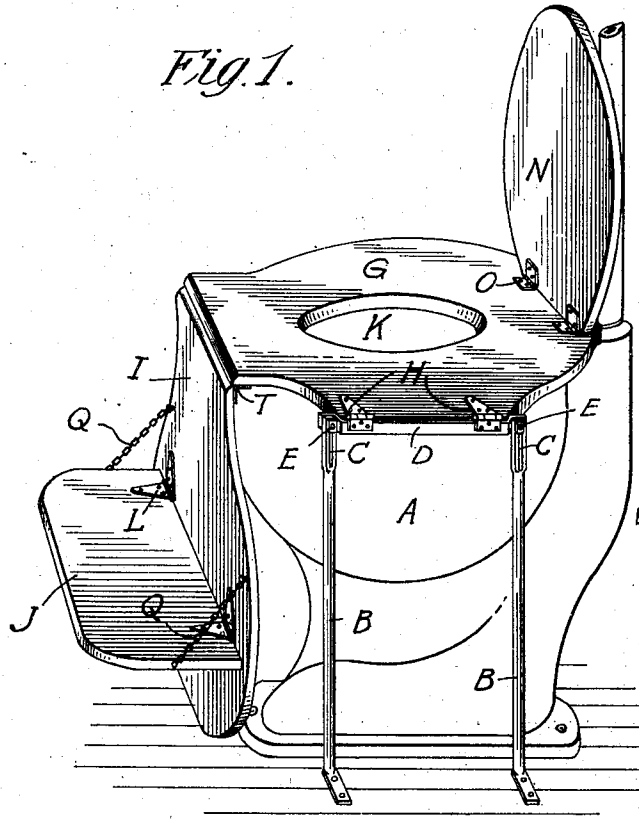


Fig. 4.

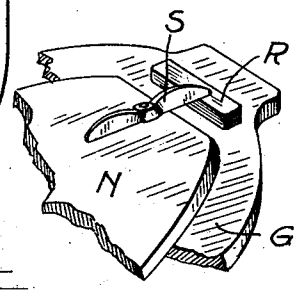


Fig. 2.

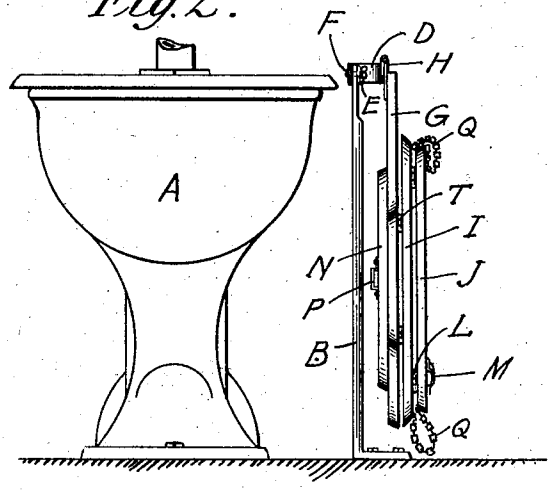
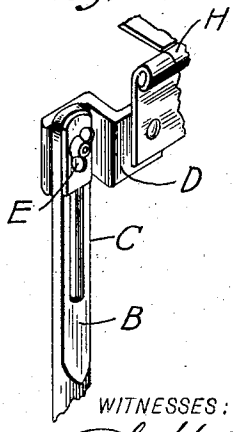


Fig. 3.



WITNESSES:

Carl H. Schaefer

Walter R. Green

INVENTOR

Henry M. Solveson.

BY

John L. Kindt

ATTORNEY

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY M. SOLVESON, OF CHICAGO, ILLINOIS.

DETACHABLE WATER-CLOSET SEAT.

SPECIFICATION forming part of Letters Patent No. 710,021, dated September 30, 1902.

Application filed November 27, 1901. Serial No. 83,827. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. SOLVESON, a citizen of the United States, residing at 180 Racine avenue, in the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Detachable Water-Closet Seats, of which the following is a specification.

This invention relates to detachable water-closet seats; and the object of the device is to provide a seat of this character capable of being used by small children and which can be quickly placed in position for use and readily folded out of the way without interfering with the use of the regular seat.

The invention consists of the novel details of construction hereinafter fully described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my detachable water-closet seat, showing it in position for use. Fig. 2 is a front elevation of the closet-bowl, showing the seat in a folded position and out of the way when not in use. Fig. 3 is a detail in perspective, showing the means for adjusting the closet-seat to different heights; and Fig. 4 is a perspective view of the means for locking the lid when in a folded position.

A represents a closet-bowl, which may be of any desired construction.

B B are the legs or standards, rigidly secured to the floor along the side of the closet-bowl by means of screws or other suitable fastenings. In the upper ends of the legs or standards B B are the longitudinal slots C C.

D represents a bracket which consists of a strip of wrought-iron, the ends of which are bent in the position as shown in Fig. 3. The ends of the bracket D are provided with internally-screw-threaded apertures F F and adapted to be secured to the upper ends of the legs or standards B B by means of the thumb-screws E E, which pass through the slots C C and into the internally-screw-threaded apertures F F in the ends of the bracket D.

G represents the seat portion, which is made of wood and preferably in the manner and form as shown in Fig. 1 and is provided with the opening K. The seat portion G is hingedly secured to the bracket D by means of the hinges H. The hinges H are secured to the bracket D and the seat portion G by means of rivets or screws.

I represents the step-support portion, hingedly secured underneath the front end of the seat portion G by means of the hinges T. About midway of the length of the step-support portion I is hingedly secured, by means of the hinges L, the foot-rest or step J.

M is a handle attached underneath the foot-rest or step.

N represents the lid of the closet-seat, which is hingedly secured to the rear end of the seat G by means of the hinges O, and P represents the handle of the lid.

Q represents a chain attached to the step J and the step-support I in any suitable manner and is for the purpose of strengthening the step or foot-rest.

R represents a cleat attached to the back end of the seat portion G, upon which is adapted to rest the button S when the lid is in a locked position.

It will be understood that the slots C C in the upper end of the legs or standards B B are for the purpose of allowing the seat to be adjusted to accommodate the different heights of the closet-bowls.

Assuming this seat to be in its folded position, the operation is as follows: The lid of the regular seat is first raised up (not shown in the drawings) and the detachable seat then raised up until perpendicular with the legs or standards. The step-support portion is then pulled forward, the step or foot-rest dropped downward, and the seat portion let down until it rests upon the closet-bowl or on the top of the regular seat. The lid is then lifted up, making the seat in the position as shown in Fig. 1.

When it is desired to fold the seat, the lid is let down and the seat portion lifted up and the step and step-support portion folded inward and adapted to be folded on the side of the closet-bowl, as shown in Fig. 2.

Slight changes can of course be made in the form and arrangement of the several parts herein described without departing

from the spirit and scope of my invention, and hence I do not wish to be limited to the exact construction herein set forth; but

What I claim as new, and desire to secure by Letters Patent, is—

1. In a detachable water-closet seat comprising a pair of legs or standards, a bracket adjustably secured to said legs or standards, a seat portion, a lid, a step-support and a step hingedly connected together, allowing the seat, lid, step-support and step to be compactly folded along the side of the closet-bowl, substantially as described.

2. In a detachable water-closet seat comprising a pair of legs or standards, a seat, a lid, a step-support and a step hingedly connected together and adapted to be folded along the legs or standards, the seat portion hingedly secured to a bracket, the bracket adjustably secured to slots in the legs or standards by means of thumb-screws, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name in the presence of two subscribing witnesses.

HENRY M. SOLVESON.

Witnesses:
CHARLES S. HAMILTON,
ROLLAND J. HAMILTON.