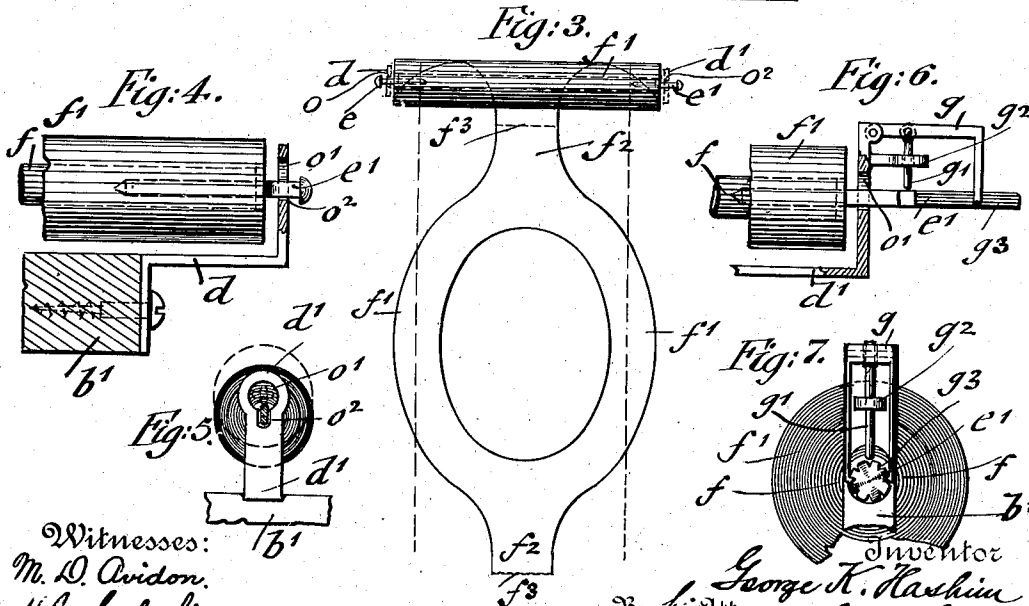
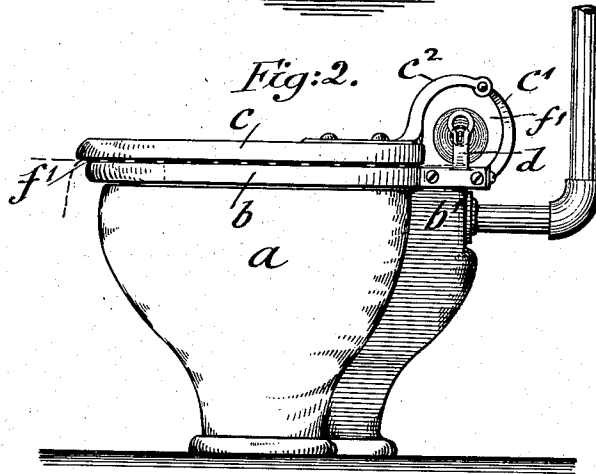
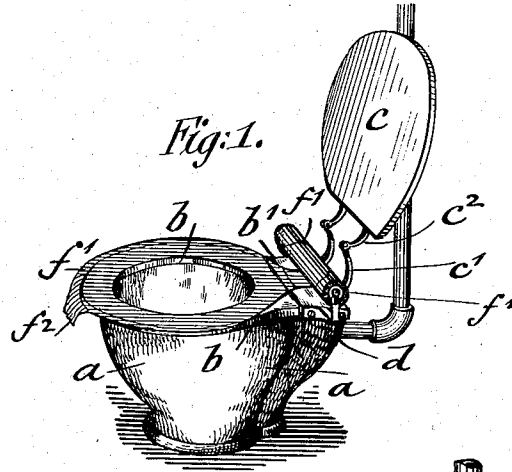


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ATTACHMENT FOR WATER CLOSET SEATS.
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937,525.

Patented Oct. 19, 1909.



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ATTACHMENT FOR WATER-CLOSET SEATS.

937,525.

Specification of Letters Patent.

Patented Oct. 19, 1909.

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To all whom it may concern:

Be it known that I, GEORGE K. HASHIM, a subject of the Sultan of Turkey, residing in New York, in the borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Seat-Covering Attachments for Water-Closet Seats, of which the following is a specification.

10 This invention relates to an attachment for water-closet seats by which the seat can be readily covered by a sheet before use which is detached after use.

Heretofore covers for water-closet seats were made from toilet-paper and carried by the individuals who desired to use the same. This was inconvenient and on that account did not meet with general favor.

20 The object of this invention is to supply the covers for water-closet seats in a continuous piece and rolled on a core of paste-board and support the rods on suitable brackets attached to the stationary portion of the seat of the water-closet, so as to have the covers ready and conveniently at hand in case they are desired for use by simply unwinding the same from the roll and placing them in position on the seat; and for this purpose the invention consists of an attachment for water-closet seats which comprises a roll composed of a plurality of seat-covers made up in a continuous piece from suitable toilet-paper, brackets attached to the stationary portion of the seat for supporting the roll, and means for detaching one cover after the other from the roll as they are unrolled and spread over the seat; and the invention consists further of stationary bracket-arms attached to the stationary portion of the seat, said bracket-arms extending over the roll of seat-covering sheets, a cover or lid for the seat provided with curved arms at its rear-end, said arms being pivotally connected with the bracket-arms so as to permit the opening or closing of the cover or lid without interfering with the roll of seat-covering sheets; and the invention consists lastly of certain details of construction which will be fully described hereinafter and finally pointed out in the claims.

50 In the accompanying drawings, Figure 1 represents a perspective view of a water-closet bowl and seat with my improved seat-covering attachment arranged in position thereon, Fig. 2 is a side-elevation of the bowl and seat, showing the cover or lid in

closed position, Fig. 3 is a plan-view of the seat-covering roll, with one seat-cover unrolled from the same, Figs. 4 and 5 are respectively a detail front-elevation and end-view of the bracket support for the roll of seat-covering sheets, and Figs. 6 and 7 are respectively a detail front-elevation and end-view of a modified construction of the bracket support for the sheet-covering roll.

Similar letters of reference indicate corresponding parts throughout the figures.

Referring to the drawings, *a* represents the bowl of a water-closet, *b* the hinged seat, *b*¹ the stationary rear-portion of the seat, and *c* the cover or lid of the same. To the stationary rear-portion *b*¹ of the seat are attached, either to the ends or at proper distances from the ends, small brackets *d* *d*¹, which are provided with openings *o* *o*¹, the bracket *d* having a round opening *o* through which a headed pin *e* is inserted, said pin entering into a center-hole in the head of a pasteboard core *f* on which a number of seat-covers *f*¹, made from toilet-paper in one continuous length, are wound so as to form a roll. The opposite bracket *d*¹ is provided with a round opening *o*¹ and a slotted extension *o*² below the same, through which a second pin *e*¹ is passed that enters into a central hole in the opposite head of the core *f*. The pin *e*¹ that is inserted into the opening *o*¹ of the bracket *d*¹ is made of rectangular cross-section and turns freely in the round opening *o*¹ in the bracket, but is held against turning when the pin is seated in the slotted extension *o*² of the same.

In place of the locking connection of the roll with the bracket, any other locking mechanism may be used, such as that shown in Figs. 6 and 7, in which the roll of seat-covers is locked in position by means of an angular or curved arm *g* which is pivoted to the bracket *d*¹ and a pivot-pin *g*¹ which is guided in an arm *d*² of the bracket *d*¹, said pin and arm being raised when the roll is raised, and dropped when the roll is lowered, so that the end of the arm *g* engages longitudinal grooves *g*³ on the pin *e*¹, for holding the roll in position against turning. The seat-covers *f*¹ are made from one continuous sheet of tissue-paper of suitable length and approximately of the width and length of the hinged seat, with openings corresponding with the opening in the seat, and contracted connecting portions *f*², which are provided with a row of transverse holes *f*³

for permitting the easy separation of one seat-cover from the other. When a seat-cover is to be applied so as to cover the water-closet seat, the narrow end of the roll is taken hold of and pulled in upward direction, as shown in dotted lines in Fig. 5, whereby the pin e^1 is lifted from the angular extension o^2 into the round opening o^1 of the bracket d^1 , so that the roll can be easily turned with the core during the unwinding motion of a seat-cover. When the cover is unwound from the roll for its entire length, the same is moved in forward and downward direction and placed on the seat, when the roll by its own weight drops by its pin e^1 into the slotted extension o^2 of the bracket and is thereby prevented from turning. After the seat-cover has been used, it is separated by a quick, jerky pull at the perforated narrow connection from the next seat-cover, the detached seat-cover being then crushed and thrown into the bowl or hung up on a suitable hook or nail for being removed from time to time, and burned or otherwise disposed of.

As the ordinary hinged cover or lid c cannot be used in connection with the seat-covering attachment, provision has to be made for making the connection of the cover or lid with the fixed rear-portion of the seat in such a manner that the cover can be placed in open or closed position without interfering with the seat-covering attachment. For this purpose the stationary portion of the seat b is provided with curved bracket-arms c^1 at its rear-corners having pivot-pins c^2 at their ends, which are connected with eyes on the bracket-arms c^1 so as to form a pivotal connection between the bracket-arms c^1 and arms c^2 , by which the cover can be raised into open position or lowered into closed position without interfering with the seat-covering attachment.

In some cases it may not be possible to arrange the roll for the seat-covering sheets on the stationary rear-portion of the seat, or it may be preferable to arrange the brackets for supporting the roll between the pivoted connection of the seat and cover c . In this case the length of the roll of seat-covers is reduced in width, which can be accomplished by folding over the side-portions of the individual seat-covers along the dotted parallel lines shown in Fig. 3. This can be done by a suitable machine when the length of connected seat-covers is wound up on the core, whereby the width of the roll is reduced to about one-third of the full width of the seat-covers. In this case, however, the roll of seat-covers, in winding the same on the core, becomes larger and is less slightly than when the seat-covers are wound in the flat unfolded condition on the core. The

rolls of seat-covers can be made up and supplied by toilet-paper manufacturers in the same manner as the ordinary rolls of toilet-paper.

The seat-covering attachment for water-closet seats is of special advantage in the water-closets of public buildings, railway stations, hotels, restaurants and other places where a number of persons congregate, but is also useful for domestic use in private houses generally.

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

1. The combination, with a seat for a water-closet bowl, of a seat-covering attachment comprising brackets attached to the stationary rear-portion of the seat, a roll of seat-covers connected by narrow transversely perforated portions, brackets for supporting the roll, and means for locking the roll to the brackets for tearing off an individual seat-cover.

2. The combination, with a seat for a water-closet bowl, of brackets attached to the stationary rear-portion of the seat, a roll of connected seat-covers formed of a paste-board core having centrally perforated heads, a number of connected seat-covers wound on said core, and means for holding the roll in fixed position when a cover is placed over the seat for permitting the convenient severing of the unrolled seat-cover and the adjacent rolled up seat-cover.

3. The combination, with a seat for a water-closet bowl, of a roll of connected seat-covers, means for supporting the same on the stationary rear-portion of the seat, curved bracket-arms attached to said rear-portion and extending over the roll of seat-covers, a cover or lid for the seat provided with curved arms at the rear-end, and means for pivotally connecting the stationary arms on the seat and the arms on the cover or lid.

4. The combination, with a seat for a water-closet bowl, of a roll of seat-covers, means for supporting the same on the stationary rear-portion of the seat, stationary curved bracket-arms attached to said rear-portion so as to extend over said roll, a cover or lid provided with curved arms at its rear-ends, and means for connecting said arms with the ends of the stationary bracket-arms.

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

GEORGE K. HASHIM.

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