

(54) Title of the invention : SELF-SANITIZING TOILET SEAT

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(57) Abstract :
The present invention relates to a toilet seat (100) that provides an automated solution for maintaining cleanliness and hygiene. The toilet seat (100) includes a tank (114) divided into two compartments, one filled with water and the other with sanitizer. A hinge (106) attached to a lid (102) allows for movement between a first position and a second position with respect to the toilet seat (120). Additionally, a sanitizing pipe (108) and an air pipe (112) are connected to the bottom side of the lid (102) for dispensing sanitizer and facilitating drying, respectively. A knob (116) is provided to dispense water into the toilet bowl, and a control unit coordinates various functions of the toilet seat (100), activating the lid movement, sanitizer spray, and subsequent air drying, after the knob is pressed. The toilet seat (100) sanitizing and drying apparatus offers an efficient and automated solution for maintaining toilet seat hygiene.

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