

पेटेंट कार्यालय  
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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : ADJUSTABLE SEAT FOR ENHANCED ACCESSIBILITY AND SAFETY IN RESIDENTIAL AND HEALTHCARE SETTINGS

(51) International classification :A61G0005100000, A47K0013100000, A47K0017020000, A61G0005000000, B60N0002900000

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(57) Abstract :  
 The present invention provides Adjustable seat for enhanced accessibility and safety in residential and healthcare settings that is designed for compatibility with standard toilet fixtures. It features a half-seat assembly, height adjustability, cushioned supports, and a mobility-stability combination with caster wheels and a locking mechanism. The invention makes it highly suitable for clinical and residential environments by its ability to improve accessibility, comfort, and safety for individuals with limited mobility. It addresses key accessibility issues by providing a low-cost, versatile solution without needing permanent modifications to existing structures. The design is vital in enhancing independence and safety for elderly individuals and those with orthopedic disabilities by using a lift-assist mechanism for a self-lifting toilet seat. This self-lifting toilet seat enables users with reduced risk of falls and thus provides more self-reliance.

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(54) Title of the invention : WET DETECTION AND NOTIFICATION DEVICE TO ALERT THE BABY MOTHER AT NIGHT

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(57) Abstract :

The present invention provides a wet detection and notification device to alert the baby mother at night. The Wet Detection and Notification Device is meant to make babies safer and more comfortable by letting parents or caregivers know right away when a baby is wet, especially at night. The main innovation is that it can sense wetness and send that information in real time, so that the baby's diaper can be changed right away to keep them from being uncomfortable. This idea solves a problem that a lot of parents have with taking care of their babies at night. By making sure that caregivers are quickly notified of wetness, it can greatly lower the risk of diaper rash, improve sleep for both mother and baby, and make changing diapers at night easier. Figure 1

No. of Pages : 21 No. of Claims : 5