Title: A Patient Safety Restraint Apparatus

Abstract

A patient safety restraint apparatus for used in the hospital or nursing home environment, where nursing staff or healthcare providers could use the apparatus to restraint a patient to a toilet seat, and leave the patient alone to defecate. The apparatus purpose is to restraint the patient needing assistance from getting up from the toilet seat on their own, when nursing staff is not beside them, thus avoiding accidental fall by patient.

The apparatus comprises two side frames(101,102) positioned on each side of a toilet bowl (107), a front frame (103) where one end could slide along and pivot on side frame (101), and the other end of the front frame (103) could be lowered to straddle onto the second side frame(102).
The apparatus further comprises a locking mechanism(104) that is attached to the second side frame (102). The moment when front frame (103) is lowered onto the second side frame (102), the locking mechanism (104) comprises means to automatically locked onto said front frame (103).
The locking mechanism (104) further comprises means to be unlocked by an electric signal. The apparatus further comprises an electronic control box (105) which upon activation by an RFID card(106), could send an electric signal to unlock the locking mechanism (104).

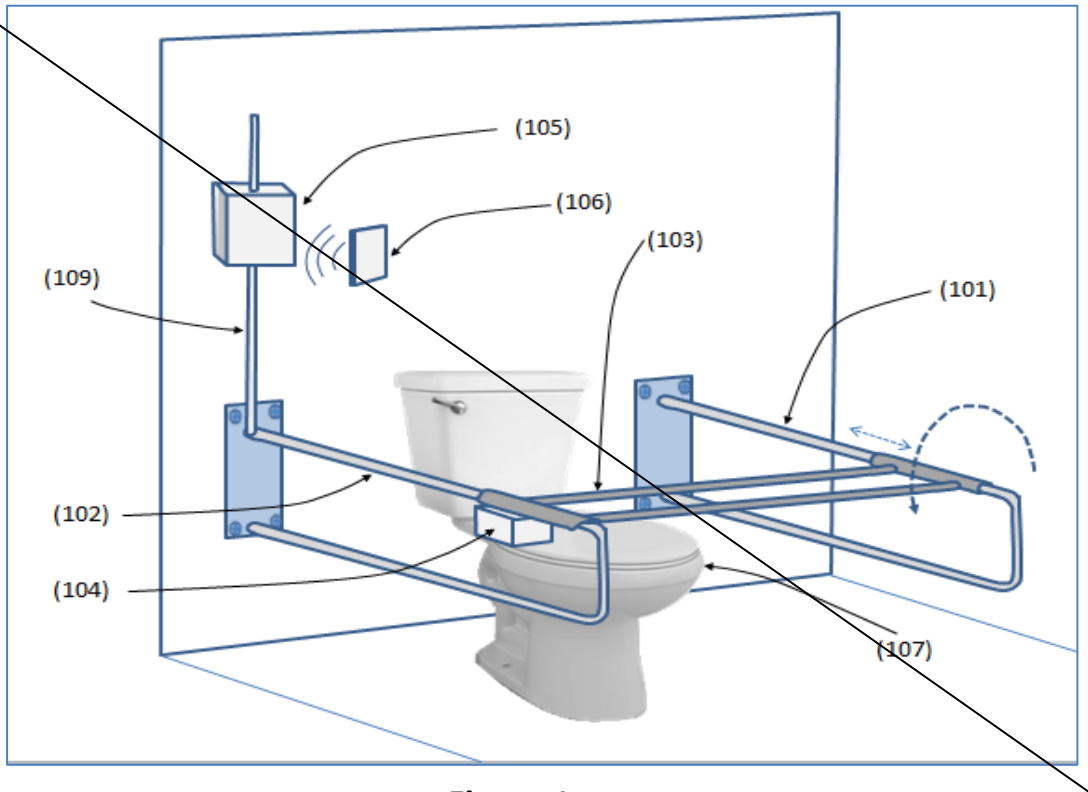


Figure 1

Figure for publication: Figure 1