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Box III Text of the abstract

A clean towel dispensing system which makes use of Radio Frequency Identification (RFID) technology, and automated dispensing technology to automate the process of issuing clean towels, and receiving used/soiled towels. The system comprises a dispensing compartment that houses one or more lifting nests internally, a pick-and-place unit at the top of the one or more lifting nests, and a duct leading to a dispensing outlet that can be accessed from a front panel of the dispensing compartment. Each lifting nest can be detached from the back panel of the dispensing compartment. A RFID antenna is installed inside the dispensing outlet to scan dispensed towels in order to track accountability.