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(54) Title: METHOD AND APPARATUS FOR DISPENSING SANITIZER FLUID, OPENING DOORS, AND RECORDING DATA PERTAINING TO HAND SANITIZATION

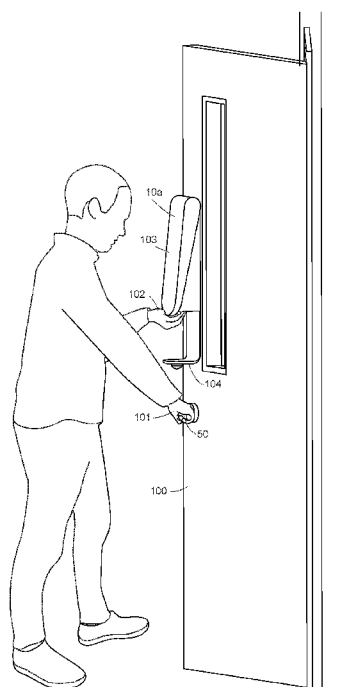


FIG. 1

(57) Abstract: Devices, systems, and methods for promoting hand sanitization which may be mounted above or near a door handle. Hand sanitization devices include a sanitizer agent cartridge disposed inside a housing body and fluidically coupled to an actuating pump. The pump is configured to dispense the sanitizer when an actuation mechanism is pushed or pulled. The cartridge is also coupled to a pump sheath disposed below the pump so as to protect the internal components of the devices from unintentional splashing by the sanitizer agent. The hand sanitization devices may also record when the door is opened, when the sanitizer is dispensed, if the cartridge is empty, and when a user is approaching the door. The hand sanitization devices also have a user interface system configured to encourage the approaching user to sanitize their hands.



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