

(54) Title of the invention : BOT FOR DISPENSING FOOD AND WATER IN RELIGIOUS PREMISES

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(57) Abstract :

A bot for dispensing food and water in religious premises comprises of Multiple storage compartments 102 for storing food, water, and related items, mechanized wheels 118 for traversing, a motorized flap 104 for sliding of bread onto plates, a motorized slider 107 with an extendable link 108, a dual-axis slider 109 supporting multiple hollow cylindrical holders 110 that accommodate glasses and dispense glasses based on age of the recipient determined by an AI-enabled camera 105, a motorized nozzle 113 with a collapsible pipe 114 to fill the glass, a hollow cylindrical unit 201 to hold plates and dispense the plates by employing an expandable pulley 203, a hollow extendable tube 209 having an iris lid 210 to serve the vegetables, multiple conveyor belts 206 with their one end leading to a storage/cleaning chamber 207, motorized grippers 208 retrieve the used plates and place them onto the conveyor belts 206.

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