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(57) Abstract :

A modular clothes storage device, comprising a body 101 developed to be positioned on a ground surface, a gate 102 for inserting user's clothes inside body 101, an artificial intelligence-based imaging unit 103 detect presence of clothes inside body 101, a pair of robotic arms 104 grips clothes, a sensing module 105 determines fabric and state of accommodated clothes, a water reservoir 107 with a container 106 having a rotatory assembly 108 for washing of clothes, a timer for monitoring time duration of washing clothes, plurality of chambers 109 with a hanger 115 for engaging each of washed clothes, an angle sensor 110 determines alignment of engaged clothes inside each of chambers 109, plurality of motorized sliding units 111 translates multiple electronically controlled nozzles 112 at different angles to spray hot gas towards engaged clothes for drying clothes along with eliminating germs.

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