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(57) Abstract :

The present invention relates to an automated pet management device including a housing 1 having first 2 and second portion 3, two telescopic semi-circular strips 4 attached via motorized hinge 5 and connected with the housing 1 via cable 6 whereas their secondary-section is integrated with electromagnetic lock 7, a robotic arm 8 fabricated within the housing 1 having an end effector 9 and connected with a storage chamber 10 via electrical pump, multiple nozzles 11 fabricated over each housing's 1 wall and connected to an air blowing unit 12 and motorized water pump 13 via conduits having a valve 14, an artificial-intelligence-based-imaging-unit 15 coupled with weather sensing module 16 is installed over the housing 1, a guide-rail 17 is mapped over the top periphery of housing 1, a robotic trimmer 19 is installed on the guide-rail 17 via a telescopic bar 22 and motorized ball and socket joint.

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