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(57) Abstract :
 ABSTRACT The present disclosure introduces rodent deterring device 100 that integrates advanced technology with natural repellents for effective and humane rodent deterrence. It comprises of microcontroller 102, ultrasonic repellent chamber 104, Ultrasonic Transducers 106, water sprinkler chamber 108, motion sensor 110, water sprinkler 112, control circuit 114, solenoid valve 116, pump and trigger system 118, natural spray chamber 120, natural spray substances 122 and power supply unit 124. Ultrasonic repellent chamber 104 emits high-frequency sound waves, water sprinkler chamber 108 triggers controlled bursts of water upon detecting rodent movement, and natural spray chamber 120 disperses odor-based repellents. These chambers are coordinated by microcontroller 102, ensuring synchronized operation and optimal efficacy. Furthermore, a power supply unit 124 provides continuous electrical energy to sustain the system's operation. Reference Fig 1

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