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(57) Abstract :

An automated insect repellent device comprising of, a frame 1 mounted along corners and sides of a bed, and includes a first 2 and second section 3 embodied with artificial intelligence based imaging unit 4 attached at sections for detecting presence of insects near to frame 1, multiple motorized rollers 5 inside multiple compartments installed at first 2 and second section 3 and are equipped with a net fabric 7 which is opened along frame 1 providing net cover along first section 2 associated with each side of bed, creating an enclosed cover around bed, multiple net repairing unit 8 installed in each of compartments 6, the imaging unit 4 detects damaged portion of fabric and operates repairing unit accordingly, a suction unit 9 attached outside the compartments through multiple telescopic rods 10 that after detecting dust through imaging unit, operates for suction based dust removal. Ref Figure 1 and 2

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