

(54) Title of the invention : PROTECTIVE APPAREL FOR DOMESTIC ANIMALS

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(57) Abstract :

A wearable body 1 possessing an inner layer and an outer layer for protection against bite of predator and infections respectively, a PIR (passive infrared) sensor 2 linked with a controller for sensing distance upon which the controller on receiving the sensed signals generates a command to actuate an air compressor, an AI (Artificial Intelligence) enabled image capturing module 3 for real time monitoring of activities around surrounding of the animal, wherein the controller on processing images generates a series of sequential commands, plurality of nozzles 4 for spraying a chemical upon being attacked by the predator in order to drive away the predator, a net spray gun 5 positioned on rear part of the body 1 for capturing the predator in case the animal is chased by the predator, an ear covering unit 8 descends upon ears of the animal upon emission of the ultrasonic waves to protect ears of the animal from damage. Ref Figure 1

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