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(57) Abstract :

The present disclosure pertains to a pest detection and warning system (100) to be installed in land. The system (100) includes a set of image sensors (102) configured to capture images of said land, a first set of sensors (104) configured to detect one or more sounds from the land, an alert unit (106) for producing audio alert to irritate one or more entities such as pest, grasshopper, katydid, and locus to repel from the land. A controller (108) is configured to identify the one or more entities from the captured images and facilitates in actuation of the first set of sensors (104) to sense one or more sound frequencies from the land, and enables the alert unit (106) to produce the audio alert. Also, the controller (108) notifies authorized person regarding the presence of one or more entities in the land to take necessary actions.

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