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(57) Abstract :

The present disclosure provides a pest trapper drone apparatus. The disclosed apparatus can include a camera for capturing at least one image of an area in vicinity of the apparatus, a control unit operatively coupled with the camera, the control unit configured to extract one or more attributes from the captured at least one image wherein one or more attributes pertaining to information associated with a pest. Select a first set of attributes from the extracted one or more attributes to determine the pest in the captured image, and a second set of attributes are selected from the extracted one or more attributes to determine position of the pest on a surface, generate one or more control signals for navigating the apparatus from an initial position to a position in vicinity of the detected pest to facilitate trapping operation by the apparatus.



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