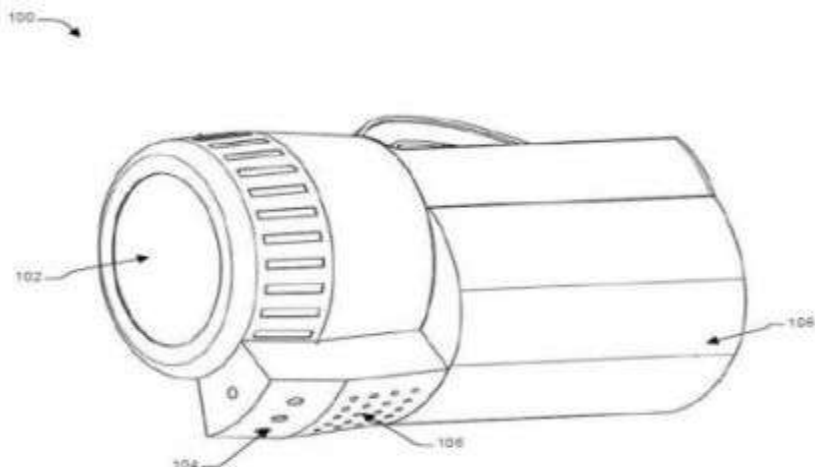


(54) Title of the invention : A PORTABLE SNAKE DETECTION AND WARNING DEVICE

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(57) Abstract :

According to an embodiment of the present disclosure a portable device to detect snakes with hiss intuition decoding and generating a warning is disclosed. The device includes: a set of sensors configured to sense in real time one or more signals from a pre-defined proximity of the device, said sensors comprises a microphone coupled with a resonating device to enable sensing of the one or more signals in a frequency range of 10 Hz to 1 KHz; a control unit comprising of one or more processors coupled to a dataset storage memory and the set of sensors, to classify the sensed signal by matching the extracted one or more parameters with a pre-loaded dataset; wherein, the pre-loaded dataset comprising a set of intensities and frequencies of one or more sound signals associated with snakes; wherein the control unit generate an alert signal based on positive matching of the extracted one or more parameters and the pre-loaded dataset, and an alert unit operatively coupled with the control unit, wherein the alert unit configured to generate any or a combination of an audio and a visual alert based on the generated alert signal which is indicative of detection of the snake in the pre-defined close proximity of the device.



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