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(57) Abstract :

The present disclosure pertains to a nail clipping device (100) including a nail cutter (102), a set of sensors (104) configured with the nail cutter (102), where the set of sensors (104) are configured to sense distance between one or more nails and the nail cutter (102) and correspondingly generate a first set of signals. A slider (106) movably coupled to the nail cutter (102), a pump (108) operatively coupled to the slider (106), and a controller (110) operatively coupled to the pump (106), and the set of sensors (104). The controller (110) is configured to extract calculated distance from the first set of signals, compare the calculated distance with a pre-stored distance limit, and generate a set of actuation signals, when the calculated distance is within the pre-stored distance limit or equal to the pre-stored distance limit, where the set of actuation signals enables the pump (108) to move the slider (106) and facilitates clipping the one or more nails.

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