

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411058219 A

(19) INDIA

(22) Date of filing of Application :31/07/2024

(43) Publication Date : 16/08/2024

(54) Title of the invention : ECO TOUCH NAVIGATOR GLOVE

(51) International classification :A61H0003060000, G09B0021000000, A41D0019000000, G08B0021020000, G01S0015870000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
 ABSTRACT The present disclosure introduces an eco touch navigator glove 100 which is an innovative assistive device designed to enhance the mobility and safety of visually impaired individuals. This smart glove comprises of glove 102, ultrasonic sensor 104, microcontroller 106, vibration motor 108, buzzer 110, smartphone integration unit 112, power management system 114, battery 116 and user interface 118. The ultrasonic sensors detect obstacles, while the microcontroller processes the data and activates the vibration motors and buzzer to alert the user. The glove also features smartphone integration for GPS-based navigation assistance, ensuring precise and confident navigation.

No. of Pages : 19 No. of Claims : 10