(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2021

(21) Application No.202111014095 A
(43) Publication Date : 23/12/2022

(54) Title of the invention : WEARABLE CUTTING DEVICE

(51) International classification	:G06F0003010000, G06F0003035400, G01N0021358100, A41D0001000000, G06Q0010080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
A wearable cutting device, comprising a wearable body 1 positioned on a user's finger installed with a material detection capacitive sensor 2 for detecting the material of an object, a microcontroller linked to the sensor 2 for receiving and processing data to decode hardness of the object, multiple shaped blades 3 arranged at a tip portion inside the body 1 that pops out via a stepper motor based on the hardness, a gyro sensor 4 integrated with the microcontroller for determining angular velocity of the user's finger while moving the body 1 on the object for cutting purpose, wherein the microcontroller generates a command in the determined velocity exceeds a threshold value, multiple semi-circular electro-magnetic rings 5 that upon receives the command actuates to grip the user's finger for preventing the chances of loosening out of the body 1 while moving during cutting irregular objects. Ref. Figure to Figure 1

No. of Pages : 13 No. of Claims : 4