

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011039703 A

(19) INDIA

(22) Date of filing of Application : 14/09/2020

(43) Publication Date : 18/03/2022

(54) Title of the invention : APPARATUS AND METHOD FOR MONITORING WEIGHT OF OBJECTS

(51) International classification	:A61B0005000000, A61B0005110000, A61B0005024000, A61B0001000000, A61B0005145500	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PANDA, S N
(33) Name of priority country	:NA	2)DATTA, Priyanka
(86) International Application No	:NA	3)BHARDWAJ, Shanu
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	

(57) Abstract :

The present disclosure relates to a wearable apparatus (100) for monitoring weight of objects, the apparatus includes: a frame (102) adapted to be worn on a hand part of a user, a sensor (104) configured on the frame of the apparatus, the sensor adapted to detect a set of attributes of the objects grasped by the user. A microcontroller (106) configured to receive, from the sensor, the set of attributes of the objects, the set of attributes pertaining to the weight attributes of the objects, and analyse, the received set of attributes, to extract a set of values from the set of attributes. The microcontroller is configured to display the set of values in a display device (108) to determine the weight of the object grasped by the user.

No. of Pages : 18 No. of Claims : 9