(12) PATENT APPLICATION PUBLICATION

:B62B0003000000, G01G0019520000,

A63B0024000000, B63B0007080000,

A63B0021000000

 $\cdot NA$

:NA

: NA

:NA

:NA

(21) Application No.202211064791 A

(19) INDIA

(51) International

(86) International

Filing Date (87) International

Filing Date (62) Divisional to

Application Number

Filing Date

(61) Patent of Addition:NA

to Application Number :NA

Application No

Publication No

classification

(22) Date of filing of Application:11/11/2022

(43) Publication Date: 25/11/2022

(54) Title of the invention: FLOATABLE RESTING ASSISTIVE DEVICE

(71)Name of Applicant:

1) Jaipur National University

Address of Applicant : Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

Name of Applicant: NA Address of Applicant: NA (72)Name of Inventor:

1)J.N. Mathur

Address of Applicant : School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

2)Dr. Avdesh Singh Pundir

Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

3)Anil Agarwal

Address of Applicant : School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ---

4)Dipendra Kumar

Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

(57) Abstract:

A floatable resting assistive device, comprising a buoyant platform 1 adapted to positioned over a water body, a pair of inflatable arm rests 2 are configured on the platform 1 for providing support, a weight sensor mapped on the platform 1 to detect weight of the user, an inflating unit arranged within the platform 1 for inflating the platform 1 in order to aid the platform 1 in floating over the waterbody without sinking, a handle 3 assembled on one of the arm rest 2 for providing grip to the user hand while sitting on the platform 1, force sensor configured on the handle 3 to detect pressure applied by the user, a motorized clamp installed on the handle 3 for securing the user, a steering unit 4 installed on one of the arm rests 2 to allow the user to move the platform 1 on the waterbody.

No. of Pages: 13 No. of Claims: 5

Jaipur National University