

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211064907 A

(19) INDIA

(22) Date of filing of Application :12/11/2022

(43) Publication Date : 02/12/2022

(54) Title of the invention : ADAPTABLE MIGRAINE TREATMENT DEVICE

(51) International classification

:A61B0005000000, A61F0007000000, A61F0007020000, G06F0003010000, A61N0005060000

(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

(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)Dr. Navneet Saxena**

Address of Applicant :Associate Professor, Department of General Medicine, Jaipur National University Institute of Medical Sciences & Research Centre, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

**2)Dr. Ankit Anand**

Address of Applicant :Assistant Professor, Department of General Medicine, Jaipur National University Institute of Medical Sciences & Research Centre, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

**3)Dr. Avinash Kulhar**

Address of Applicant :Senior Resident, Department of General Medicine, Jaipur National University Institute of Medical Sciences & Research Centre, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

(57) Abstract :

An adaptable migraine treatment device, comprises of a wearable component 1 with a member 2 for allowing the user to comfortably wear component 1, an image capturing module 3 mounted on the component 1 for capturing images of user's head, an inflating unit 4 for inflating the member 2 in order to grip the user's head, a dolorimeter for detecting an area over the user's head affected with pain, a sliding unit 5 with links 6 installed on the component 1 for providing movement to the links 6 to position the links 6 in near proximity around the detected area, multiple rollers 7 for rotating on the affected area in order to massage the area and a peltier unit for providing hot/cold therapy over the area in order to reduce discomfort caused to the user.

No. of Pages : 14 No. of Claims : 4

  
**Registrar**  
Jaipur National University