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पेटेंट कार्यालय का एक प्रकाशन
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(54) Title of the invention : : A WEARABLE ROBOTIC HANDSTAND TO IMPROVE ELDERLY COGNITIVE HEALTH MANAGEMENT

<p>(51) International classification :A61B0005000000, A61B0005110000, A63B0026000000, A63B0021000000, A61B0005020500</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Prof. Ramesh Chandra Panda Address of Applicant :Chief Scientist, Wegrow Private Limited, Bhubaneswar, Odisha, Pin Code: 751001</p> <p>2)Dr. Kirti Jainani 3)Dr. Namita Mishra 4)Shubhangi Pandurang Tidake 5)Nilima Dongre Jawade 6)Dr. Mohammad Atique 7)Dr. Manoj M Dongre 8)Dr. Kajal Sitlani 9)Dr. Satish Kumar 10)Dr. Mohd Ashaq 11)Dr. Ankur Goel</p> <p>(72)Name of Inventor :</p> <p>1)Prof. Ramesh Chandra Panda 2)Dr. Kirti Jainani 3)Dr. Namita Mishra 4)Shubhangi Pandurang Tidake 5)Nilima Dongre Jawade 6)Dr. Mohammad Atique 7)Dr. Manoj M Dongre 8)Dr. Kajal Sitlani 9)Dr. Satish Kumar 10)Dr. Mohd Ashaq 11)Dr. Ankur Goel</p>
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(57) Abstract :

The present invention relates to a wearable robotic handstand (100) to improve elderly cognitive health. The wearable robotic handstand (100) comprises an adjustable metal, one or more revolving joints (2), a wrist assembly (5) unit, a set of flexible robotic hands (3), and a base (4). The wearable robotic handstand (100) improves elderly cognitive health and allows equal movements of both the arm at equal speed and equal degree of rotation up to 80 degrees and 45 degrees to horizontal. The wearable robotic handstand (100) also allows adjustable movements for the patient's height and chest width by using the clamp joint. The set of flexible robotic hands (3) is wearable kind, and a patient can wear it under the supervision of doctors for a specific period. The wearable robotic handstand (100) improves elderly cognitive health that can be easy to design and cost-effective.

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