

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 46/2024
ISSUE NO. 46/2024

शुक्रवार
FRIDAY

दिनांक: 15/11/2024
DATE: 15/11/2024

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**(PROF. (DR) UNNAT P. PANDIT)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

15th November, 2024

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411084538 A

(19) INDIA

(22) Date of filing of Application :05/11/2024

(43) Publication Date : 15/11/2024

(54) Title of the invention : WEARABLE BREATH-REGULATION DEVICE FOR MENTAL AND PHYSICAL WELL-BEING

(51) International classification :A61B0005160000, A61B0005000000, A63B0021000000, G06F0003010000, A61M0021000000

(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)Swami Rama Himalayan University

Address of Applicant :Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Dehradun, Uttarakhand, 248016, India Dehradun -----

Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Ankit Sharma

Address of Applicant :Himalayan School of Yoga Sciences, Swami Rama Himalayan University, Jollygrant, Dehradun (UK), 248016, India Dehradun -----

2)Dr. Somlata Jha

Address of Applicant :Himalayan School of Yoga Sciences, Swami Rama Himalayan University, Jollygrant, Dehradun(UK), 248016, India Dehradun -----

3)Dr. Shubham Nema

Address of Applicant :Netaji Subhash Chandra Bose Medical College & Hospital, Jabalpur - 482003, Madhya Pradesh Dehradun -----

4)Ankit Semwal

Address of Applicant :Himalayan School of Yoga Sciences, Swami Rama Himalayan University, Jollygrant, Dehradun(UK), 248016, India Dehradun -----

(57) Abstract :

The present invention relates to a wearable device that aids in mental and physical regulation through breath modulation by applying controlled mechanical pressure to the axillary nerve area. The device consists of a pressure application module, adjustable elastic straps, and a control mechanism that allows the user to target specific nervous system responses by choosing the side of application. When applied to the right side, the device activates the parasympathetic nervous system, promoting relaxation; when applied to the left, it activates the sympathetic nervous system, enhancing alertness and energy. Designed to be discreet, the device can be worn under clothing, offering hands-free and continuous operation suitable for daily activities. This solution provides a practical, non-electronic method for stress management and energy balancing, allowing users to modulate mental states in real-time without external power or manual intervention.

No. of Pages : 28 No. of Claims : 10