



क्रम सं/SL No :044202466



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 74)

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.

576630

आवेदन सं. / Application No.

202541026667

फाइल करने की तारीख / Date of Filing

23/03/2025

पेटेंटी / Patentee

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प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित AN UPRIGHT POSTURE CORRECTING WEARABLE DEVICE नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2025 के तेइसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled AN UPRIGHT POSTURE CORRECTING WEARABLE DEVICE as disclosed in the above mentioned application for the term of 20 years from the 23<sup>rd</sup> day of March 2025 in accordance with the provisions of the Patents Act, 1970.



उत्तम पी.पं.डि  
पेटेंट नियंत्रक  
Controller of Patents

अनुदान की तारीख : 26/12/2025  
Date of Grant :

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2027 के तेइसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगा।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 23<sup>rd</sup> day of March 2027 and on the same day in every year thereafter.

\*चूंकि पेटेंटी व आविष्कारकों की संख्या अधिक है, पेटेंटी व आविष्कारकों के नाम पृष्ठ संख्या 2 पर जारी हैं।

\*Since the Number of Patentees / Inventors is more, the name of Patentees / Inventors are continued on Page No. 2



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**पेटेंट प्रमाणपत्र के लिए अनुलग्नक/Annexure to Patent Certificate**

पेटेंट सं. / Patent No.

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फाइल करने की तारीख / Date of Filing

23/03/2025

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202421031522 A

(19) INDIA

(22) Date of filing of Application :20/04/2024

(43) Publication Date : 17/05/2024

(54) Title of the invention : ROBOMEDWASTECARE - SMART HOSPITAL WASTE MANAGEMENT SYSTEM

(51) International classification :A61L11/00, B07C5/34,  
G06N20/00, G06N3/08

(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

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(57) Abstract :

RoboMed Waste Care revolutionizes the landscape of medical waste management through its innovative integration of advanced technologies. This intelligent system employs spectral imaging and machine learning algorithms to autonomously classify and segregate medical waste, thereby mitigating health risks associated with manual handling and ensuring precise disposal. By streamlining waste processing workflows and providing real-time monitoring capabilities, RoboMed Waste Care offers a sustainable and efficient solution for healthcare facilities, waste management companies, and smart city initiatives. This novel approach not only enhances operational efficiency but also fosters a safer and more environmentally conscious approach to healthcare waste disposal.

No. of Pages : 20 No. of Claims : 4