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 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA : NA	Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Raman Batra Address of Applicant :Department of Mechanical Engineering, Noida Institute of Engineering and Technology, Plot No 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India 2)Ajay Kumar Address of Applicant :Department of Mechanical Engineering, Noida Institute of Engineering and Technology, Plot No 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India

(57) Abstract :

A smart medical cart, comprising a frame 1 having a first 2 and second 3 section developed for storing various medical equipments/medicines and is installed with multiple wheels 4 for moving the frame 1 from one place to another, a motorized plate 5 that drops down up to the second 3 section by moving on a pair of vertical lead screws 6 arranged on either inner sides of the frame 1, a cleaning chamber 8 that for disinfecting the equipments/medicines before and after usage, a sorting conveyer 12 designated to perform sorting of the equipments/medicines according to requirement of the patient's treatment by accessing a database stored with data regarding abnormality of the patient via a controller, a printer 13 wirelessly connected with the database for printing out medical records of the patient fetched from the database to assist a medical practitioner in performing desired treatment.

No. of Pages : 17 No. of Claims : 10

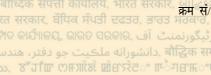




सम्पत्ति कार्यालयं, भारत सरकार, بند (पेटेंट नियमावली का नियम 74) التار (Rule 74 of The Patents Rules) وبند (पेटेंट नियमावली का नियम 74) الته الته (Rule 74 of The Patents Rules) وبند (पेटेंट नियमावली का नियम 74)

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पैर्देट निरांचक

संपदा कार्यालय, भ Controller of Patents

संप्रधानुंडायलिय, लारतसरडार, तापेटेंट कार्यालय, भारत सरकार कि The Pater , مه هم وروي که که مه که مه که می معنی انتیابی کم که است آف Patent Co

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The Patent Office, Government Of India Patent Certificate

आवेदन सं. / Application No.

पेटेंटी / Patentee

Noida Institute of Engineering and Technology

संपदा दफ्तर, भारत सरकार, वৌদ্ধিক সম্পদ কার্যালয

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित SMART MEDICAL CART नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख नवम्बर 2021 के सत्रहवें 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 *SMART MEDICAL CART* as disclosed in the above mentioned application for the term of 20 years from the 17th day of November 2021 in accordance with the provisions of the Patents Act, 1970.

अनुदान की तारीख : 02/11/2023 Date of Grant :

> टिपपणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, नवम्बर 2023 के सत्रहवें दिन को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी। Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 17th day of November 2023 and on the same day in every year thereafter.

सरकार, ਬੌਧਿਕ ਸੰਪਤੀ ਦਫਤਰ, ਭਾਰਤ ਸਰਕਾਰ, ወbՁහλ G2Cø2 bλkø.2 bøಖುøpø.৫, மகுலல்ல் கிஜேக் संपदा चा कार्यालय, भारत सरकार, ခୌଦ୍ଧିକ धर्भ କାର୍ଯ୍ୟାଳୟ, ଭାରତ ସରକାର, இந்திய அரசு, أفس آف دى انٹيليکچولپراپرٹيگورنمنٹ آف انڈيا அறிவுசார் சொத்து அலுவலகம், இந்திய அரசு, نشورانه ملڪيت جو