

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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निर्गमन सं. 52/2023  
ISSUE NO. 52/2023

शुक्रवार  
**FRIDAY**

दिनांक: 29/12/2023  
DATE: 29/12/2023

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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 01<sup>st</sup> 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**

**29<sup>th</sup> DECEMBER, 2023**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311081305 A

(19) INDIA

(22) Date of filing of Application :30/11/2023

(43) Publication Date : 29/12/2023

(54) Title of the invention : RADIOPROTECTION HANDCART FOR RADIOGRAPHIC EXAMINATIONS IN NEONATAL INTENSIVE CARE UNIT

(51) International classification :A61G0011000000, H02B0011167000, H04W0004500000, A47J0047020000, B64D0011060000

(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 :

The present invention provides a radioprotection handcart for radiographic examinations in the neonatal intensive care unit (NICU) that includes four vertical sides, wheels, and a stand. The first side is made open so that it can easily envelop the radiant warmer containing a newborn. The second side contains a lead glass with lead sheets embedded inside. This side allows the radiographer to monitor the newborn during radiographic projection. The remaining two vertical sides contain partially overlapping lead flaps, which allow an attendant to insert his/her hands through the handcart for positioning the newborn as required by the radiographer during a radiographic projection. The top and bottom sides of the handcart are made open to allow the X-ray beam to expose the collimated part of the newborn.

No. of Pages : 12 No. of Claims : 8