

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 16/2025
ISSUE NO. 16/2025

शुक्रवार
FRIDAY

दिनांक: 18/04/2025
DATE: 18/04/2025

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

18th April, 2025

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511028482 A

(19) INDIA

(22) Date of filing of Application :26/03/2025

(43) Publication Date : 18/04/2025

(54) Title of the invention : PROCESS FOR PRODUCING HIGH-YIELD, VOLUME-DEPLETED SINGLE DONOR APHERESIS PLATELET (SDAP) PRODUCT FOR NEONATES

<p>(51) International classification :A61M0001360000, A01N0001020000, A61K0035190000, A61M0001340000, A61M0001380000</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 : 1)Swami Rama Himalayan University Address of Applicant :Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Dehradun-248016 ----- Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Yashaswi Dhiman Address of Applicant :HIHT Medical Campus, SRHU, Dehradun, Uttarakhand Dehradun ----- 2)Saikat Patra Address of Applicant :HIHT Medical Campus, SRHU, Dehradun, Uttarakhand Dehradun ----- 3)Manish Raturi Address of Applicant :HIHT Medical Campus, SRHU, Dehradun, Uttarakhand Dehradun ----- 4)Chinmay Chetan Address of Applicant :HIHT Medical Campus, SRHU, Dehradun, Uttarakhand Dehradun ----- 5)Dushyant Singh Gaur Address of Applicant :HIHT Medical Campus, SRHU, Dehradun, Uttarakhand Dehradun -----</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(57) Abstract :

The present invention provides Process for producing a high-yield, volume-depleted single donor apheresis platelet (SDAP) product for neonates. The process includes steps of collecting platelets from a single donor using a continuous cell separator with a customized configuration program; obtaining a platelet yield equivalent to an adult dose of 310×10^9 platelets in a plasma volume of 100 mL; performing quality control to determine the calculated platelet yield; dividing the collected product into 3 to 5 parts using a sterile collection device while maintaining sterility; and storing the split platelet product under controlled conditions.

No. of Pages : 17 No. of Claims : 3