

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

---

---

निर्गमन सं. 51/2023  
ISSUE NO. 51/2023

शुक्रवार  
FRIDAY

दिनांक: 22/12/2023  
DATE: 22/12/2023

---

---

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**

**22<sup>nd</sup> DECEMBER, 2023**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211026749 A

(19) INDIA

(22) Date of filing of Application :09/05/2022

(43) Publication Date : 22/12/2023

(54) Title of the invention : A URINAL PROTOTYPE FOR CANCER SCREENING BY QUANTITATION OF NATIVE NUCLEIC ACIDS IN URINE USING UV SPECTROSCOPY

(51) International classification	:E03D0013000000, G01N0021357700, A47K0011120000, G01N0033493000, C12Q0001700000	(71) <b>Name of Applicant :</b> <b>1)Swami Rama Himalayan University</b> Address of Applicant :Swami Ram Nagar, Jolly Grant Dehradun Uttarakhand India 248016 Uttarakhand India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)Dr. Neeraj Gupta</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(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	

(57) Abstract :

The present invention provides a urinal prototype for cancer screening by quantitation of native nucleic acids in urine using UV spectroscopy which is developed to perform a spot analysis of the native urine nucleic acids by UV spectroscopy and communicate the results to the subject a few minutes after the natural call. The results will serve as a wake-up call for the subject to follow up further with a clinical consultation. These urinals can be easily deployed at the community level and the health benefits can reach the general masses.

No. of Pages : 12 No. of Claims : 4