

3.4.3: Number of Patents/Copyrights published/awarded/technology-transferred during the last five years:

S.No.	Name of the Patent or/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/ published
2022-2023				
1	Dr. Ashish Kumar Kannaijia	477562	Electronic intubating bougie	2022-23
2	Pushpal Dey, Ramkumar Janakarajan, Vinita Agrawal	201811009657 505013	Sample extraction device and Operation method thereof	2022-23
3.	Dr. Chetna Shamshery	201611001718 462117	Airway device to facilitate face mask ventilation in edentulous patients	2022-23
4	Dr Kamal Krishna Kar Dr Nirmal Kumar Gupta,	502928	Spherical tri-leaflet heart valve	2022-23
5	SGPGIMS, Lucknow	59/DC/11-03-2023	Transfer SOP for Procurement of Medicines and Surgical Consumables to IGIMS, Patna	2022-23
6	Dr. R Harsvardhan	GIMS/2023/1946	Transfer SOPs for Establishment Dept. of Hospital Administration	2022-23
2021-2022				
7	Dr. Jai Kishun	202022100140	Nanostructured sustained release lipid carrier formulation	2021-2022
8	Dr. Narayan Prasad	2021105595	A method to determine a steroid –resistant	2021-2022

			phenotype in childhood idiopathic nephrotic syndrome by utilizing a pharmacogenomic biomarkers	
9	Dr. Jai Kishun	2021105523	Synthesis of some amino acid amide derivatives as potential anticonvulsant agent	2021-2022
10	Dr Aneesh Srivastava Dr Sandeep Shau Dr Dharmendra Bhadauria Dr Uday Pratap Singh	128/AIMS JDH/Nephro 2022 Technology transfer to AIMS Jodhpur	Standard Operating Procedures for Kidney Transplant	2021-2022
11	Dr R. Harsvardhan	GIMS/2022/Organ donations. Technology Transfer to Centre to GIMS, Grater Noida. July 2022	Transfer of SOPs to Establish Non-Transplant Organ Retrieval	2021-2022
12	Dr R. Harsvardhan	HRS/2022-23/3590 Technology Transfer to to LPS Institute of CVTS, Kanpur Medical College September 2022	Transfer SOPs for creation of Hospital Management System	2021-2022
13	Dr Aneesh Srivastava Dr Sandeep Shau	Technology transfer to AIMS Raipur,	Standard Operating Procedures for Kidney Transplant	2021-2022

	Dr Dharmendra Bhadauria Dr Uday Pratap Singh	December 2022		
2020-2021				
14	Dr. Swasti Tiwari, Vinod Kumar	202011018132	LAB-in-tube colorimetric assay for visual detection of COVID-19	2020-2021
15	Dr. Swasti Tiwari, Rajini Sharma, Manju Kumari	201811024910	A non-invasively method and estimation of kidney-specific insulin sensitivity and gluconeogenesis there of	2020-2021
16	Dr. Swasti Tiwari, Arshiya Praveen	201811024901	RNA profile of circulating placental derived exosomes for monitoring placental Health	2020-2021
17	Director SGPGIMS & Dr R. Harsvardhan	Technology transferred to KGMU Lucknow in 2021	Self-Sustainable Low-Cost Model of Hospital Pharmacy	2020-2021
18	Director SGPGIMS & Dr R. Harsvardhan	Technology transferred to DR RMLIMS Lucknow in 2021	Self-Sustainable Low-Cost Model of Hospital Pharmacy	2020-2021
19	Director SGPGIMS & Dr R. Harsvardhan	Technology transferred to DR RMLIMS Lucknow in 2021	Self-Sustainable Low-Cost Model of Hospital Pharmacy	2020-2021



20	Director SGPQIMS & Dr R. Harsvardhan	Technology transferred to KSSSCI &H Lucknow in 2021	Self-Sustainable Low-Cost Model of Hospital Pharmacy	2020-2021
2019-2020				
21	Amal Kumar Mohan Gurjar Ramkumar Janakranjan	201811016906A	Automated subglottic aspiration device	2019-2020
22	Dr. Devendra Gupta	201811042160A	A wireless pressure sensor node for an inflatable structure	2019-2020
2018-2019				
23	Dr. Sanjay Behari	201811009157 A	A patient transfer system	2018-2019



Lt Col Varun Bajpai VSM
 Executive Registrar
 SGPQIMS, Lucknow



भारत संकेत सं. 011102302



पेटेंट कार्यालय भारत सरकार

The Patent Office, Government Of India

पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 24)

(Rule 24 of The Patents Rules)

पेटेंट सं. / Patent No. : 477562
आवेदन सं. / Application No. : 759/DEL/2015
प्रदान करने की तारीख / Date of Filing : 20/03/2015
पेटेंटी / Patentee : DR. ASHISH KUMAR KANNAUJIA

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में ब्यवस्थित *ELECTRONIC INTUBATING BOUGIE* नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2015 के बीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled *ELECTRONIC INTUBATING BOUGIE* as disclosed in the above mentioned application for the term of 20 years from the 20th day of March 2015 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 06/12/2023
Date of Grant :

The Controller
Controller of Patents

नियम - इस पेटेंट के नवीकरण की तारीख, जहाँ इसे नए नए प्राप्त है, वर्ष 2017 के बीसवें दिन से और इसके नए नए प्राप्त होने से इस दिनांक तक।

Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 20th day of March 2017 and on the same day in every year thereafter.

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

क्रम सं/SL No : 011195409



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.

505013

आवेदन सं. / Application No.

201811009657

फाइल करने की तारीख / Date of Filing

16/03/2018

पेटेंटी / Patentee

Indian Institute of Technology, Kanpur

आविष्कारकों का नाम / Name of Inventor(s)

1.Pushpal Dey 2.Ramkumar Janakarajan 3.Vinita Agrawal

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A SAMPLE EXTRACTION DEVICE AND OPERATION METHOD THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2018 के सोलहवें 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 A SAMPLE EXTRACTION DEVICE AND OPERATION METHOD THEREOF as disclosed in the above mentioned application for the term of 20 years from the 16th day of March 2018 in accordance with the provisions of the Patents Act, 1970.



पेटेंट नियंत्रक

Controller of Patents

अनुदान की तारीख
Date of Grant : 30/01/2024

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2020 के सोलहवें दिन की और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen on or after March 2020 and on the same day in every year thereafter.

Executive Registrar
SOPGIMS, Lucknow

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 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 PTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
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(<http://ipindia.nic.in/index.htm>)

Patent Search

Invention Title	AIRWAY DEVICE TO FACILITATE FACE MASK VENTILATION IN EDENTULOUS PATIENTS		
Publication Number	02/2017		
Publication Date	13/01/2017		
Publication Type	INA		
Application Number	201611001718		
Application Filing Date	18/01/2016		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-MEDICAL ENGINEERING		
Classification (IPC)	A41D0013110000, A45D0044220000, A61C0007060000, A61C0019000000, A61M0016040000		

Inventor

Name	Address	Country	Nationality
DR CHETNA SHAMSHERY	M-139, AASHIANA COLONY, KANPUR ROAD, LUCKNOW, 226012, UP.	India	India
DR ASHISH KANNAUJIA	TYPE 4/102 NEW CAMPUS S.G.P.G.I.M.S. LUCKNOW 226014, UP	India	India

Applicant

Name	Address	Country	Nationality
DR CHETNA SHAMSHERY	M-139, AASHIANA COLONY, KANPUR ROAD, LUCKNOW, 226012, UP.	India	India

Abstract:

ABSTRACT. US data shows the geriatric population constituting 14% of their population in 2013 and an increase up to 21% by the year 2050. With increasing age, challenges related to anesthesia increase due to the anatomical and physiological changes, and deterioration in all the organ systems including the airways. One of the predictors to difficult bag and mask ventilation is "a patient who is edentulous". Bag and mask ventilation is difficult to perform in edentulous because of 2 reasons: 1) The oral contour and bulge which is necessary for a complete seal of the face mask is lost due to lack of teeth. This leads to persistent air leak around the mask hence making the ventilation ineffective. 2) On administration of the muscle relaxant the tone of the buccal and pharyngeal muscles is further deteriorated hence adding to the airway insult. This problem has been dealt by methods that aim to reduce the air leak surrounding the face mask. It has been done in the past by two ways: 1) Manipulate the face mask holding techniques: a) Wherein the facemask of a toddler size extends from the bridge of the nose to the maxillary alveolar lip or b) the caudal edge of the mask is placed above the lower lip and the neck is maintained in extension. 2) pulling the lax sunken cheeks towards the mask. Try to maintain the buccal bulge by either a) putting gauze pieces inside the mouth. b) keeping the dentures in during mask ventilation. Our Invention: To overcome the problem of lax and sunken cheeks in edentulous patients, we have evolved an idea of a cuffed oropharyngeal airway which would have its cuff situated just distal to the bite block. Features of the airway: a) Rigid and smooth fiber material b) Bite block c) Availability in different sizes. d) Cuff is pear shaped on both the sides so that it inflates and supports the immediate perioral area and simultaneously inflates maximum in the area of the cheeks. e) Spring loaded one way valve regulated inflation line. f) Cuff of different volumes for different sized airway g) Location of the cuff is just distal to the bite block, but not extending along the complete length. ADVANTAGES: a) Easy to use, as all the anesthesiologists and even the paramedics is trained to use the oropharyngeal airway. b) The various maneuvers explained to seal the perioral leak are subjected to the skill; one possesses and requires practice. But just oral airway insertion and cuff inflation are relatively easy to perform. c) Cuff inflation would inflate the cheeks from inside the mouth hence reduction in the air leak around the facemask could be achieved. d) Also after administration of the muscle relaxants further loss of buccal or perioral muscle tone will not affect. e) Previously this was achieved by either putting gauze pieces inside the mouth to cover up the hollow cheeks or allowing the patient to wear the dentures during ventilation, but this could lead to incidence of aspiration, which could be avoided if the cuff is attached to the airway. f) It is a cheap and a disposable option.

Lt Col Varun Bajpai VSM
 Executive Registrar
 SGP GIMS, Lucknow



क्रम सं/SL No :011174834



पेटेंट कार्यालय, भारत सरकार
पेटेंट प्रमाण पत्र

The Patent Office, Government Of India
Patent Certificate

(पेटेंट नियमावली का नियम 74) (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.

462117

आवेदन सं. / Application No.

201611001718

फाइल करने की तारीख / Date of Filing

18/01/2016

पेटेंटी / Patentee

DR CHETNA SHAMSHERY

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित **AIRWAY DEVICE TO FACILITATE FACE MASK VENTILATION IN EDENTULOUS PATIENTS** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जनवरी 2016 के अठारहवें 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 **AIRWAY DEVICE TO FACILITATE FACE MASK VENTILATION IN EDENTULOUS PATIENTS** as disclosed in the above mentioned application for the term of 20 years from the 18th day of January 2016 in accordance with the provisions of the Patents Act, 1970.

Li Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



अनुदान की तारीख : 26/10/2023
Date of Grant :

पेटेंट नियंत्रक
Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जनवरी 2018 के अठारहवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 18th day of January 2018 and on the same day in every year thereafter.

[illegible]

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. ५०२९२८

आवेदन सं. / Application No.

201711043075

फाइल करने की तारीख / Date of Filing **30/11/2017**

पेटेन्टी / Patentee : INDIAN INSTITUTE OF TECHNOLOGY KANPUR

आविष्कारकों का नाम /Name of Inventor(s) : 1.KAR, Kamal, Krishna 2.GUPTA, Nirmal, Kumar

6.MURALIDHAR, Krishnamurthy 7.MONDAL, Sutapa

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित *SPHERICAL TRI-LEAFLET HEART VALVE* नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख नवम्बर 2017 के तीसवें 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 *SPHERICAL TRI-LEAFLET HEART VALVE* as disclosed in the above mentioned application for the term of 20 years from the 30th day of November 2017 in accordance with the provisions of the Patents Act, 1970.

[illegible]

அறிவுசார் சொத்து அலுவலகம், இந்திய அரசு, மத்திய அமைச்சரவை அலுவலகம், டெல்லி, இந்தியா

नावां बिसयान : भारत सरकार, बौद्धिक संपदा कार्यालय, भारत सरकार, Intellectual Property Office, Government of India, नया दिल्ली, भारत
 चक्रबाकः (असदत की तारीख) : भारत सरकार, बौद्धिक सम्पदा कार्यालय, भारत सरकार, Intellectual Property Office, Government of India, नया दिल्ली, भारत

Date of Grant : 24/01/2024

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, नवम्बर 2019 के तीसरे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 30th day of November 2019 and on the

same day in every year thereafter.

Lt Col Varun Bajpai VSM

सरकार, सैनिकी मंडळी सदस्य, भारत सरकार, ब्रिटिश पंत
राष्ट्रपति, राष्ट्र वरिष्ठ, अफगानिस्तान के राष्ट्रीय सुरक्षा परिषद में अध्यक्ष, एम।एन।आर.
Executive Registrar
SGPGIMS,Lucknow

Downloaded from <http://ajph.org/> on November 10, 2015

Technology Transfer

Transfer of SOPs to Establish Non-Transplant Organ Retrieval to Centre to GIMS, Greater Noida



GOVERNMENT INSTITUTE OF MEDICAL SCIENCES
Greater Noida, Gautam Buddha Nagar-201310, Tel-0120-2341738, 9999384468
Website: www.gims.ac.in, Email-gimsgnoida16@gmail.com
(An Autonomous Institute under Govt. of U.P)

Letter No. GIMS/2022/Organ Donation / 1536

Date: 28-07-2022

To,
Dr. R. Harsvardhan
Nodal Officer
State Organ and Tissue Transplant Organization (SOTTO) UP
& Head, Dept. of Hospital Administration
SGPGIMS, Lucknow-206014 (UP)

SUBJECT: REQUEST FOR DRAFTING SOP AND SUPPORT TO ESTABLISH NON-TRANSPLANT ORGAN RETRIEVAL CENTRE AT GOVERNMENT INSTITUTE OF MEDICAL SCIENCES (GIMS) GREATER NOIDA

Respected Sir,

1. The Government Institute of Medical Sciences (GIMS) Greater Noida, Gautam Buddha Nagar (UP) is an autonomous tertiary care teaching medical institute established by the Government of Uttar Pradesh. It has started MBBS course for 100 students since 01 Aug 2019 and Post graduate courses in clinical specialties since 2020 though National Board of Examinations, College of Nursing for 60 students in 2021 and Paramedical school for 60 students in 2021.
2. There are approximately 1500-2000 patients are visiting every day and more than 300 patients are admitted in the hospital. There are 40-50 patient admitted every day. The institute is located at the interjection of Yamuna Expressway & Eastern Peripheral expressway and lots of RTA cases & critical casualties are being brought to this hospital. These patients, if deteriorate to brain death/dies can be counselled to donate the organ and given to needy patients. The institute is trying all efforts to improve the patient care.
3. The institute has adequate infrastructure, equipments and human resource to establish Non-Transplant Organ Retrieval Centre and accordingly applied to SOTTO and NOTTO to establish Non- Transplant Organ Retrieval Centre at GIMS. The institute need to support to establish the same.
4. In view of the above, it is requested to visit the institute and assist/guide to establish the Non-Transplant Organ Retrieval Centre at GIMS. TA and other expenses will be paid by GIMS as per institutional rules.

Dr. (Brig) Rakesh Gupta
Director

Govt. Institute of Medical Sciences
Greater Noida

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Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Technology Transfer

Transfer SOP for Hospital Management System to LPS Institute of CVTS

LPS INSTITUTE OF CARDIOLOGY & CARDIAC SURGERY

(Centre of Excellence in Heart Surgery, Govt of UP)

GSVM MEDICAL COLLEGE, KANPUR (UP)

P.ho: +91 -512-2532269 Fax: +91 -512-2547978,2540853 E-mail: vinaycvts@gmail.com

Prof (Dr) Vinay Krishna

MBBS, MS, MCh (CVTS), PDCC (Hosp Mgt: NHHFW)

Director

Ex.Member Medical Council of India



Residence:

T- 4/17, New Officer's Colony,

Rawatpur, Kanpur-208002

Phone: 2534757(R)

Mobile: 9336124729

Ref. No. HRS/2022-23/3590

Dated: 02.09.2022

To,

Prof. (Dr) Rajesh Harshvardhan,

Head, Department of Hospital Administration,
SGPGIMS, Lucknow.

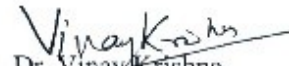
SUB: Invitation to visit LPS Institute of Cardiology and Cardio Vascular Thoracic
Surgery, Kanpur.


Respected Sir,

This is to request you to kindly visit our Institute on 07-09-2022 and guide
us to implement hospital management system in our Institute.

Our Institute being an apex referral centre in the State of U.P. Our clinical
workload is immense. Hence to optimize the judicious use of resources and
provide best possible care to the patients, your guidance is immesly needed.

Yours Sincerely


Dr. Vinay Krishna
(Director)


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Technology Transfer

Transfer SOPs for Establishment Dept. of Hospital Administration to GIMS, Greater Noida



GOVERNMENT INSTITUTE OF MEDICAL SCIENCES

Greater Noida, Gautam Buddha Nagar-201310, Tel-0120-2341738, 9999384468

Website: www.gims.ac.in, Email-gimsgnoida16@gmail.com

(An Autonomous Institute under Govt. of U.P)

Ref. No. GIMS/2023/1946

Date: 08-09-2023

To
Dr. R. Harsvardhan
Head, Dept. of Hospital Administration
SGPGIMS, Lucknow-206014 (UP)

SUBJECT: REQUEST TO PROVIDE GUIDANCE AND SUPPORT TO ESTABLISH THE DEPT. OF HOSPITAL ADMINISTRATION AT GOVERNMENT INSTITUTE OF MEDICAL SCIENCES (GIMS), GREATER NOIDA

Respected Sir,

1. Government Institute of Medical Sciences, Greater Noida, is an autonomous tertiary care institute of Government of UP, with a mission to provide affordable health services to all sections of the society and has been envisioned to be in the forefront of providing excellent professional medical education and multi-disciplinary research. The institute has started MBBS (2019), DNB (2020), College of Nursing (2021) and Paramedical School (2021)
2. The workload of GIMS has been increasing exponentially and also Institute College project need to be developed in coming year and hence, there is an urgent need to establish Dept of Hospital Administration and the same was put up to Govt.
3. On 21st Aug 2023, Governing body of GIMS was held under the chairmanship of hon'ble Chief Secretary, has agreed in principle to establish the Dept. of Hospital administration, however, it was instructed to present the detailed proposal of duties and responsibilities of the Hosp. Admin. Department.

In view of the above, it is requested to provide guidance and support to establish the Dept. of Hospital Administration at GIMS. TA and other expenses will be paid by GIMS as per institutional rules for visiting the institute. Copy to:

1. Director, SGPGIMS, Lucknow


(Rakesh Gupta)

Dr. (Brig) Rakesh Gupta
Director, GIMS9850042002


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Technology Transfer

Standard Operating Procedures for Kidney Transplant



The Kidney Transplant Team of SGPGIMS comprising faculty members from Department of Urology, Nephrology and Anesthesiology transferred the SOPs for the kidney transplant and helped the set up and carry out successful kidney transplant at AIMS jodhpur. This was highlighted in newspaper November 2022.

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Technology Transfer

Standard Operating Procedures for Kidney Transplant to AIMS Raipur

नवभारत Rajdhani - 24 Dec 2022 - 24raj1
epaper.navabharat.news

राज्य के किसी सरकारी अस्पताल में पहला किडनी ट्रांसप्लांट, आज एक और मरीज का होगा किडनी ट्रांसप्लांट बटे की किडनी हो गई थी खराब, एम्स में मां की किडनी प्रत्यारोपित

नवभारत रिपोर्टर। रायपुर।

लंबी कवायद के बाद राज्य के पहले सरकारी अस्पताल अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) में 23 दिसंबर को पहला किडनी ट्रांसप्लांट हो गया। चार घंटे ऑपरेशन के बाद एक मां की किडनी उसके 27 साल के बेटे को लगाई गई। एम्स के किडनी रोग विशेषज्ञ डॉ. विनय राठौर ने बताया कि कबीरधाम के इस युवक को किडनी की गंभीर बीमारी थी। जब एम्स में पहुंचा तब यह डायालिसिस की स्थिति में आ चुका था। उसे चार महीने डायालिसिस में

एम्स के ये चिकित्सक थे शामिल - ट्रांसप्लांट में रायपुर एम्स से यूरोलॉजी विभाग से डॉ. अमित शर्मा, डॉ. दीपक चिस्वाल, डॉ. सत्यदेव के अलावा डॉ. रोहित, रेडियोलॉजिस्ट्स से डॉ. नरेंद्र बोधे के साथ ही डॉ. सुब्रत, डॉ. मयंक और डॉ. जितेंद्र की टीम ने किडनी का प्रत्यारोपण किया। नर्सिंग और तकनीकी सहायता विजय कुमार, प्रेरणा गौरव, विशोक, रीना कुरीयाकोसे, अंबे पटेल और विनिता पटेल ने प्रदान की।

रखने के बाद ट्रांसप्लांट किया गया। डॉ. पर यदि मरीज तत्काल अस्पताल पहुंच जाए तो यह नौबत नहीं आती।

एक महीने निगरानी में रखा गया
कबीरधाम के इस मरीज को ट्रांसप्लांट के पहले लगभग एक महीने एम्स में भर्ती करके निगरानी में रखा गया था। इसके साथ उनकी मां का स्वास्थ्य परीक्षण करके ट्रांसप्लांट के लिए सभी परिस्थितियों के अनुकूल तैयारी की गई।

कैडेवर ट्रांसप्लांट भी होगा: डॉ. नागरकर
एम्स के डायरेक्टर प्रो. डॉ. निशिन एम नागरकर ने कहा कि सरकारी अस्पताल में ट्रांसप्लांट की सुविधा से समाज के एक बड़े वर्ग को सस्ते इलाज के रूप में राहत मिलेगी। यह जीवित दानदाता से मिले किडनी का प्रत्यारोपण है, हमारे यहां अब कैडेवर ट्रांसप्लांट भी किया जाएगा।

लखनऊ के चिकित्सकों का सहयोग मिला
ट्रांसप्लांट के लिए संजय गांधी पोस्टीग्रेजुएट लखनऊ के चिकित्सकों को बतौर मार्गदर्शन के लिए बुलाया गया था। इसमें प्रो. डॉ. एमएम अंसारी के निर्देशन में डॉ. संजय कुमार सुरेका, डॉ. पुनीत कुमार केएम, डॉ. मानस रंजन पटेल और डॉ. दिव्या श्रीवास्तव शामिल थीं।

The kidney transplant team of SGPGIMS comprising faculty of Department of Urology, Nephrology and Anesthesiology transferred the SOPs for the kidney transplant and helped the set up and carry out successful kidney transplant at AIMS Raipur in December 2022

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 100 140

Bezeichnung:

Nanostruktur-Lipid-Träger-Formulierung mit verzögerter Freisetzung

IPC:

A61K 9/10

Inhaber/Inhaberin:

Islam, Mojahidul, Dr., Noida, IN
Khan, Arif, Dr., Buraydah, IN
Khan, Masood Alam, Dr., Buraydah, IN
Kishun, Jai, Dr., Gorakhpur, IN
Kumar, Satendra, Dr., Deoria, IN
Nayak, Jyoti, Gorakhpur, IN
Sharma, Krishna Kumar, Dr., Amroha, IN
Srivastava, Ankur, Ayodhya, IN
Verma, Navneet Kumar, Kushinagar, IN

Tag der Anmeldung:

12.01.2022

Tag der Eintragung:

04.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

München, 04.02.2022



Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzzumfang entnehmen Sie bitte dem DPMA-Regelwerk unter www.dpma.de.

[Signature]
Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Federal Republic of Germany

Certificate

on the registration of
utility model No. 20 2022 100 140

Designation

Nanostructured sustained release lipid carrier formulation

IPC:

A61K 9/10

Owner

Islam, Mojahidul, Dr., Noida, IN
Khan, Arif, Dr., Buraydah, IN
Khan, Masood Alam, Dr., Buraydah, IN
Kishun, Jai, Dr., Gorakhpur, IN
Kumar, Satendra, Dr., Deoria, IN
Nayak, Jyoti, Gorakhpur, IN
Sharma, Krishna Kumar, Dr., Amroha, IN
Srivastava, Ankur, Ayodhya, IN
Verma, Navneet Kumar, Kushinagar, IN

Day of registration

January 11, 2022

Date of entry, February

4, 2022

The President of the German Patent and Trademark Office

Comella Rudolf-Schäfer

Comella Rudolf-Schäfer

Munich, February 4th, 2022



The requirements for patentability were not examined when registering a utility model. This implies legal uncertainty and hence a possible conflict.

Varun Bajpai

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



Australian Government

IP Australia

21-22

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105523

The Commissioner of Patents has granted the above patent on 3 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Mojahidul Islam of Dean, School of Pharmacy, Lingayas Vidyapeeth Nachauli, Jasana Old Faridabad, Haryana India

Jai Kishun of Associate Professor, Biostatistics and Health Informatics, Sanjay Gandhi Post Graduate Institute of Medical Sciences Lucknow, UP India

Ankur Srivastava of Assistant Professor, Department of Pharmaceutics, Rameshwaram Institute of Technology and Management Lucknow, UP India

Satendra Kumar of Director, L.N. Pharmacy College, Govindpur Baitalpur, Deoria, UP India

Navneet Kumar Verma of Assistant professor, Department of Pharmaceutics, Buddha Institute of Pharmacy GIDA Gorakhpur UP India

Jyoti Nayak of Assistant Professor, Kailash Institute of Pharmacy and management GIDA, Gorakhpur India

Title of invention:

SYNTHESIS OF SOME AMINO ACID AMIDE DERIVATIVES AS POTENTIAL ANTICONVULSANT AGENT

Name of inventor(s):

Islam, Mojahidul; Kishun, Jai; Srivastava, Ankur; Kumar, Satendra; Verma, Navneet Kumar and Nayak, Jyoti

Term of Patent:

Eight years from 15 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Dated this 3rd day of November 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1

Dictionary

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105595

The Commissioner of Patents has granted the above patent on 3 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Narayan Prasad of Professor and Head, Department of Nephrology, Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow Uttar Pradesh 226014 India

Title of invention:

A Method to Determine a Steroid-Resistant Phenotype in Childhood Idiopathic Nephrotic Syndrome by Utilizing a Pharmacogenomic Biomarkers

Name of inventor(s):

Prasad, Narayan; Agrawal, Vikas; Jaiswal, Akhilesh Kumar; Chaturvedi, Saurabh and Singh, Harshit

Term of Patent:

Eight years from 16 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 3rd day of November 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP right.


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Technology Transfer

Standard Operating Procedures for Kidney Transplant

डा. संजीव मिश्रा
Dr. Sanjeev Misra

MS, MCh, FRCS (Eng.), FRCS (Glasgow),
FICS, FACS (USA), FAMS, FNASe, DSc (hc)

Director & CEO
Prof. of Surgical Oncology



अखिल भारतीय आयुर्विज्ञान संस्थान, जोधपुर
All India Institute of Medical Sciences, Jodhpur
E-mail : director@aiimsjodhpur.edu.in
misralko@gmail.com

No. ३४ / AIIMS-JDH/Nephro/2022

Date: २९ March, 2022

To,

Prof. R. K. Dhiman,
Director,
Sanjay Gandhi Post Graduate Institute of Medical Sciences,
Raibareilly Road, Lucknow- 226014 (U.P.)

Sub: Invitation for Transplant Team of SGPGIMS at AIIMS, Jodhpur.

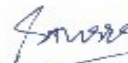
Dear Prof. Dhiman,

In continuation of previous letter No: 845/AIIMS-JDH/2019 dated 06th February 2019), for the deputation of faculty members from Department of Urology, Nephrology and Anaesthesia and also Nursing Staff of Kidney Transplant Unit of SGPGIMS Lucknow to support Transplant program of AIIMS Jodhpur. As the name suggested by the different departments of SGPGIMS, I invite the Transplant Team of SGPGIMS to AIIMS, Jodhpur for the proposed date of Renal Transplant i.e. 8th & 9th April, 2022. The Team will arrive on 7th April, 2022 and will depart from AIIMS, Jodhpur on 10th April, 2022. Details of Faculty Members and Nursing Staff from SGPGIMS are as under:

Name	Designation
Prof. Anandh Srivastava	Prof. & Head, Department of Urology
Dr. Sandeep Sahu	Professor, Department of Anaesthesia
Dr. Dharmendra Bhaduria	Additional Professor, Department of Nephrology
Dr. Uday Pratap Singh	Associate Professor, Department of Urology


We will be happy to bear the TA/DA & accommodation etc. for the Transplant Team during the period.

With warm regards,


(Dr. Sanjeev Misra)
Director

बासनी, फेस II, जोधपुर - 342005 (राजस्थान) फोन : 0291-2740535, फैक्स : 0291-2740531
Basni, Phase-II, Jodhpur-342005 (Rajasthan) Phone : 0291-2740535, Fax : 0291-2740531 Website : www.aiimsjodhpur.edu.in

The SGPGIMS Kidney Transplant Team was invited to AIIMS Jodhpur to support and setup kidney transplant programme in the Institute.


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

Technology Transfer

Transfer SOP for Procurement of Medicines and Surgical Consumables to IGIMS, Patna

 **INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES**

Prof. (Dr.) Bibhuti Prassan Sinha
MBBS, MS
Prof & Chief, Regional Institute of Ophthalmology
Director, IGIMS.

(An Autonomous Institute of Government of Bihar)
Statutory University Created by an Act State Legislature

Ref: 59/20 Date: 11/03/22

To,
The Director
SGPGI, Lucknow

Sub:- Regarding providing the rate contract of medicines and surgical consumables, procured at SGPGI, Lucknow.

Sir,

This is to say that IGIMS is a tertiary care center that provides Speciality and Superspeciality services, to patients not only from the state but adjoining states and countries too.

The Hospital Management Committee has decided to provide quality and affordable medicines as well as surgical consumables to the patients, receiving treatment at IGIMS, through Central Pharmacy.

We have tendered for various medicines/implants in past. However, the list is not complete in terms of basket to fulfill the needs of patient care. In this regard recent Hospital Management Committee meeting at IGIMS decided to procure the medicines and surgical consumables at the rate contract followed by your prestigious institute, till it gets its own rate contract.

Hence, it is my humble request, to provide us with the copy of the rate contract of all the medicines and surgical consumables at your institute.

Thanking You

Yours truly

Director, IGIMS

Sheikhpura, Patna-800 014, Bihar, INDIA, Ph. : EPBX :- 0612-2297631, 2297099
Ext. :- 0612-2296329 (Direct) (R), 2291722 (O), Fax : 6012-2297225, 09473191834 (M)
E-mail : director@igims.org



Technology Transfer

Self-Sustainable Low-Cost Model of Hospital Pharmacy

Low Cost Model of Hospital Pharmacy: A ray of HOPE !!!

Access to essential medicines, at affordable cost is part of the fulfillment of the right to the highest attainable standard of health, in short: the right to health. Unfortunately, millions of people across the globe go without the treatments they need. The price and unavailability of medicines are crucial factors. In India, almost all of the Govt. funded healthcare organizations entirely depend on Government budget for the procurement of basic medicines and consumables for the patients. There is no scope of extra budget to procure high cost medicines, Implants, IOL, Mesh, etc. Hence, all these items need to be bought by the patient from outside pharmacy at a very high and variable costs. Sometimes, due to the unavailability of these required items within stipulated time, many surgeries need to be postponed, increasing the length of stay at hospital, one of the major cause of developing the Hospital Induced Infections. These factors eventually increase the burden on patient's pocket. A low-cost model of Hospital Pharmacy deals with the procurement of Drugs and medicines, disinfectants, life-saving surgical goods, CSSD products and dressing materials, Implants, IOL, Vendor Managed Inventory (VMI), outsourcing of point of care services. First of all, it was designed and executed by SGPGIMS, Lucknow. It is a self-sustainable and unique model of its own type in the entire country and is now being adopted by many prestigious Government organizations like KGMU, Lucknow, Dr RMLIMS, Lucknow and KSSSCI & H, Lucknow, IGIMS, Patna & most recently at GIMS, Greater Noida.

Dr R. Harsvardhan, Head, Dept. of Hospital Administration, SGPGIMS, Lucknow and Medical Superintendent, Kalyan Singh

Super Specialty Cancer Institute & Hospital (KSSSCI & H), was requested to establish this self-sustainable model of Drug distribution at GIMS on lines of SGPGIMS. Subsequent to a series of visits/ on-line meetings, over a period of 18 months, this Low Cost Model of Hospital Pharmacy was established and was dedicated for patients.

In order to assess its real time impact, a study was conducted from May 2021 to October 2021 by Dr. R. Harsvardhan with his team, comprising of **Dr. Ruchi Kushwaha, Brig. (Dr) Rakesh Gupta, Dr. Shikha Seth and Dr. Anurag Srivastava** and it was observed that, over the duration of only four months, revenue generated per month for the hospital pharmacy was between INR 8000/- to 14000/- but at the same time there was a remarkable reduction in out of pocket expenditure of patient, between INR 63000/- to 2 Lakhs resulting in greater satisfaction among patients.

The above stated study, titled '**Technology to Heal: Building Synergies and Affordable Healthcare**' was presented at the International Conference "SASH 2021" (Safe and Sustainable Hospital) organised by the Department of Hospital Administration, Amrita Institute of Medical Sciences & Research Centre, Kochi in association with Academy of Hospital Administration, New Delhi, India, on 4th and 5th December 2021. The study received an overwhelming response and secured **2nd Position in the Best Research Paper competition** under Faculty category.

Dr. R. Harsvardhan, Head, Department of Hospital Administration

SGPGIMS Lucknow, designed implemented this unique model of its own type in the entire country for the first time. The model is being now adopted by many prestigious Government organizations like KGMU Lucknow, DR RMLIMS Lucknow, KSSSCI & H Lucknow, IGIMS, Patna and GIMS, Greater Noida in December 2021



Technology Transfer

Standard Operating Procedures for Kidney Transplant



The Kidney Transplant Team of SGPGIMS comprising faculty members from Department of Urology, Nephrology and Anesthesiology transferred the SOPS for the kidney transplant and helped the set up and carry out successful kidney transplant

Varun Bajpai

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow





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(<http://ipindia.nic.in/index.htm>)

Patent Search

20-21

Invention Title LAB-IN-TUBE COLORIMETRIC ASSAY FOR VISUAL DETECTION OF COVID-19
 Publication Number 44/2021
 Publication Date 29/10/2021
 Publication Type INA
 Application Number 202011018132
 Application Filing Date 28/04/2020
 Priority Number
 Priority Country
 Priority Date
 Field Of Invention BIOTECHNOLOGY
 Classification (IPC) C12Q0001700000, G01N0021770000, G01N0033569000, G01N0021552000, G01N0021780000

Inventor

Name	Address	Country	Nationality
Swasti Tiwari	House No. Type IV/83 SGPGI Campus Street Raebareli Road City Lucknow State Uttar Pradesh Country India Pin code 226014	India	India
Vinod Kumar	House No. Near Scooter's India Crossing, Gauri Street Bijnour Road City Lucknow State Uttar Pradesh Country India Pin code 226008	India	India

Applicant

Name	Address	Country	Nationality
Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), India	Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Raebareli Road Lucknow	India	India

Abstract:

Varun Bajpai
 Lt Col Varun Bajpai VSM
 Executive Registrar
 SGPGIMS, Lucknow



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2019-20

Patent Search

Invention Title	A NON-INVASIVELY METHOD AND ESTIMATION OF KIDNEY-SPECIFIC INSULIN SENSITIVITY AND GLUCONEOGENESIS THERE OF		
Publication Number	02/2020		
Publication Date	10/01/2020		
Publication Type	INA		
Application Number	201811024910		
Application Filing Date	04/07/2018		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	MECHANICAL ENGINEERING		
Classification (IPC)	A61B 5/00		


Inventor

Name	Address	Country	Nationality
TIWARI SWASTI	TYPE IV/83 SGPGI CAMPUS RAEBARELI ROAD, LUCKNOW UTTAR PRADESH-226014, INDIA.	India	India
SHARMA RAJINI	TYPE II-A/247 SGPGI CAMPUS RAEBARELI ROAD, LUCKNOW UTTAR PRADESH-226014, INDIA.	India	India
Kumari Manju	49/266/3D,Gaspura Shanganj Near Kali Burzi, Agra,up,282010	India	India

Applicant

Name	Address	Country	Nationality
SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES (SGPGIMS), LUCKNOW, INDIA	RAEBARELI ROAD, LUCKNOW UTTAR PRADESH-226014, INDIA.	India	India

Abstract:


Lt Col Varun Bajpai VSM
 Executive Registrar
 SGPGIMS, Lucknow



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

[Skip to Main Content](#)

2010-2020

Patent Search

Invention Title	RNA PROFILE OF CIRCULATING PLACENTAL-DERIVED EXOSOMES FOR MONITORING PLACENTAL HEALTH
Publication Number	02/2020
Publication Date	10/01/2020
Publication Type	INA
Application Number	201811024901
Application Filing Date	04/07/2018
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06F 11/30

Inventor		Country	Nationality
Name	Address		
TIWARI SWASTI	TYPE IV/83 SGPGI CAMPUS RAEBARELI ROAD, LUCKNOW UTTAR PRADESH-226014, INDIA.	India	India
PRAVEEN ARSHIYA	255/211/1 KUNDRI RAKABGANJ LUCKNOW UTTAR PRADESH-226004, INDIA	India	India

Applicant		Country	Nationality
Name	Address		
SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES (SGPGIMS), LUCKNOW, INDIA	RAEBARELI ROAD, LUCKNOW UTTAR PRADESH-226014, INDIA.	India	India

Abstract:

Lt Col Varun Bajpai VSM
 Executive Registrar
 SGPGIMS, Lucknow

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 201811016906 A

(19) INDIA

(22) Date of Filing of Application : 04/05/2018

(43) Publication Date : 08/11/2019

19-20

(54) Title of the invention : AUTOMATED SUBGLOTTIC ASPIRATION DEVICE

(51) International classification

F16D65/02

(31) Priority Document No

NA

(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

(71) Name of Applicant :

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Address of Applicant : Dean, Research & Development, Room
Number 151, Faculty Building, Post Office: IIT Kanpur Kanpur
Uttar Pradesh India 208016 Uttar Pradesh India

2) SANJAY GANDHI POSTGRADUATE INSTITUTE OF
MEDICAL SCIENCES

(72) Name of Inventor :

1) KUMAR, Anil, Sudheendran

2) GUJAR, Mohan

3) ANAKARAJAN, Ramkumar

(57) Abstract :

An automated subglottic aspiration device comprising a stepper motor (9) adapted to drive a piston of a syringe (10) to create a suction for aspiration of subglottic secretions, by rotating an armature shaft by the stepper motor (9), to create a suction, according to pre-stored values in a memory the device or values given by a user via a keypad (2), a trap container (22) coupled to the syringe, to store the subglottic secretions; and a display unit (1) to display messages, wherein the stepper motor (9) is coupled to a plunger holder (7) and controls the drive of the piston of the syringe. The first one-way valve (18) is opened to facilitate storing of subglottic secretion into the trap container (22) during suction and remains closed during releasing air out of the syringe (10) to prevent the air or secretion from moving back into the respiratory tract.



No. of Pages : 19 No. of Claims : 6



क्रम सं/SL No :011193619



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.

501011

आवेदन सं. / Application No.

201811016906

फाइल करने की तारीख / Date of Filing

04/05/2018

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1. KUMAR, Amal, Sudheendran 2. GURJAR, Mohan
3. JANAKARAJAN, Ramkumar

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित **AUTOMATED SUBGLOTTIC ASPIRATION DEVICE** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मई 2018 के चौथे 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 **AUTOMATED SUBGLOTTIC ASPIRATION DEVICE** as disclosed in the above mentioned application for the term of 20 years from the 4th day of May 2018 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख

Date of Grant : 19/01/2024

[Signature]

Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मई 2020 के चौथे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 4th day of May 2020 and on the same day in every year thereafter.

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201811042160 A

(19) INDIA

(22) Date of filing of Application :08/11/2018

(43) Publication Date : 05/07/2019

2018-2019

(54) Title of the invention : A WIRELESS PRESSURE SENSOR NODE FOR AN INFLATABLE STRUCTURE

(51) International classification :B60C23/0408
(31) Priority Document No :NA
(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

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(72)Name of Inventor :

1)Aman Garg

2)Chinthulal V S

3)Bishakh Bhattacharya

4)Devendra Gupta

(57) Abstract :

A wireless pressure sensor node for inflatable structures is disclosed. The sensor node includes a first side, wherein the first side includes a pressure sensor configured to measure pressure of the inflatable structure. The first side also includes a port, wherein a first end of the port is coupled to the pressure sensor using a substrate and a second end of the port is configured to be coupled with the inflatable structure. The sensor node further includes a second side, wherein the second side includes a wireless transceiver chip configured to communicate measured pressure to a gateway device on a predefined frequency range by creating a meshing network.
FIG. 1

No. of Pages : 18 No. of Claims : 9



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पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 74)

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 481050

आवेदन सं. / Application No. : 201811042160

फाइल करने की तारीख / Date of Filing : 08/11/2018

पेटेंटी / Patentee : Indian Institute of Technology Kanpur

आविष्कारकों का नाम / Name of Inventor(s) : 1.Aman Garg 2.Chinthulal V S 3.Bishakh Bhattacharya
4.Devendra Gupta

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित **A WIRELESS PRESSURE SENSOR NODE FOR AN INFLATABLE STRUCTURE** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख नवम्बर 2018 के आठवें 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 **A WIRELESS PRESSURE SENSOR NODE FOR AN INFLATABLE STRUCTURE** as disclosed in the above mentioned application for the term of 20 years from the 8th day of November 2018 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 12/12/2023
Date of Grant :

पेटेंट नियंत्रक
Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, नवम्बर 2020 के आठवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 8th day of November 2020 and on the same day in every year thereafter.

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17

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201811009157 A

(19) INDIA

(22) Date of filing of Application :13/03/2018

(43) Publication Date : 15/03/2019

2018-19

(54) Title of the invention : A PATIENT TRANSFER SYSTEM

(51) International classification	:A61G7/1084	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :Dean, Research & Development, Room
(33) Name of priority country	:NA	Number 151, Faculty Building, Post Office: IIT Kanpur Kanpur
(86) International Application No	:PCT//	Uttar Pradesh India 208016 Uttar Pradesh India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)MOHANDAS, Asish
(61) Patent of Addition to Application Number	:NA	2)TIWARI, Nachiketa
Filing Date	:NA	3)BEHARI, Sanjay
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A patient transfer system for transferring patients from one location to another location, wherein the system comprises a stretcher assembly; a roller assembly comprising plurality of rollers (3); plurality of timing pulleys (8) and timing belts (14) disposed around the stretcher assembly configured to rotate with the rollers and also a 2-wayslider (13) adapted to facilitate the motion of the whole stretcher to move in both directions, wherein the slider (13) is disposed inside a casing (1) to form a link between the whole sliding bed assembly and the casing (1). Further the system discloses herein is configured to have a retrofit mechanism.

No. of Pages : 30 No. of Claims : 22



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