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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021102314

The Commissioner of Patents has granted the above patent on 2 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Suraj Sharma of Assistant Professor Department of Computer Science IIIT Bhubaneswar India

Amit Kumar Dewangan of Assistant Professor, Department of Information Technology, Guru Ghasidas Vishwavidyala (A Central University) Bilaspur (Chhattisgarh) 495009 India

Ajay Kushwaha of Rungta College of Engineering, and Technology Bhilai Chhattisgarh India

Manoj Kumar Chande of Professor & Head, Department of Applied Mathematics, Shri Shankaracharya Institute of Professional Management and Technology Raipur, Chhattisgarh 492015 India

Neelabh Sao of Rungta college of Engineering, and Technology Bhilai Chhattisgarh India

Komati Sathish of Assistant Professor, CSE Department, Annamacharya institute of technology and science India

Rohit Raja of Associate Professor & Head, Department of Information Technology, SoS (E&T) Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur (Chhattisgarh) 495009 India

Sumit Srivastava of Assistant Professor, Dept. of Computer Science & Engineering Birla Institute of Technology, Mesra Ranchi, Jharkhand 835215 India

Title of invention:

AN INTERNET OF THINGS BASED SMART PARKING SYSTEM AND ITS METHOD THEREOF

Name of inventor(s):

Sharma, Suraj; Kushwaha, Ajay; Dewangan, Amit Kumar; Chande, Manoj Kumar; Sao, Neelabh; Sathish, Komati; Raja, Rohit and Srivastava, Sumit

Term of Patent:

Eight years from 1 May 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 2nd day of June 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.



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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021106885

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Arijit Ghosal of Associate Professor, Department of Information Technology, St. Thomas' College of Engineering & Technology Kolkata West Bengal India

Rohit Raja of Associate Professor, Department of Information Technology, Guru Ghasidas University, Bilaspur Chhattisgarh India

Ranjita Chowdhury of Assistant Professor, Department of Information Technology, St. Thomas' College of Engineering & Technology Kolkata West Bengal India

Suchibrota Dutta of Senior Lecturer, Department of Information Technology and Mathematics, Royal Thimphu College, Thimphu Bhutan India

Esha Nandi of Department of Information Technology, St. Thomas' College of Engineering & Technology Kolkata West Bengal India

Nikita Gupta of Department of Information Technology, St. Thomas' College of Engineering & Technology Kolkata West Bengal India

Harshita Somolu of Department of Information Technology, St. Thomas' College of Engineering & Technology Kolkata West Bengal India

Title of invention:

AN EMOTION DETECTION SYSTEM AND METHOD USING PATTERN RECOGNITION

Name of inventor(s):

Ghosal, Arijit; Raja, Rohit; Chowdhury, Ranjita; Dutta, Suchibrota; Nandi, Esha; Gupta, Nikita and Somolu, Harshita

Term of Patent:

Eight years from 24 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 17th 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.



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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

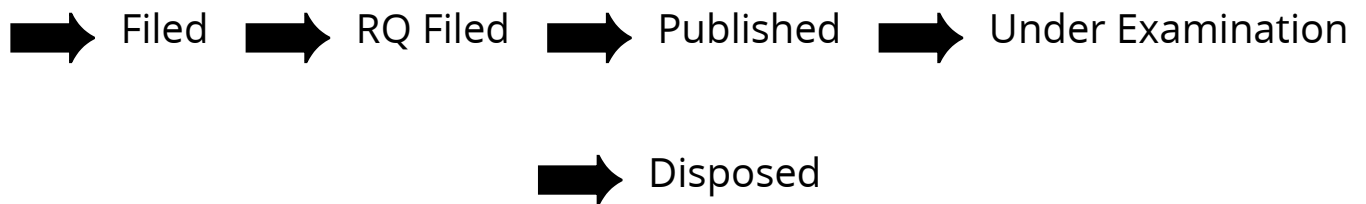


(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202031044344
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/10/2020
APPLICANT NAME	1 . Prof.Ramesh Chandra Panda 2 . Dr R.Subhashini 3 . Dr Lakshmi D 4 . Dr. AMRITA 5 . Dr.Ashwani Kumar 6 . Prof.shakti Shankar Pati 7 . Dr.Lokanatha Dhall Samanta 8 . Dr.V. Nagalakshmi 9 . Dr K Ram Chandra 10 . Dr CA Jyothirmayee 11 . Dr. Bijendra Kumar 12 . Dr N Gayatri Devi 13 . Dr Rohit Raja 14 . Dr M Rama 15 . Dr. Anil Kumar 16 . Dr P Karthigeyan
TITLE OF INVENTION	A NOVEL SMART CARBONLESS COOKING GASIFIER
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	ramesh.panda.mech@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ramesh.panda.mech@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	12/10/2020
PUBLICATION DATE (U/S 11A)	04/12/2020
REPLY TO FER DATE	09/03/2022

Application Status

APPLICATION STATUS

Reply Filed. Application in amended examination[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

FORM 5
THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
DECLARATION AS TO INVENTORSHIP
(See section 10(6) and rule 13(6))

1. APPLICANT(S)

NAME	NATIONALITY	ADDRESS
Rajkumar Banoth	IN	55-2-581/12, Bank Colony-2, Bheemaram, Hanamkonda, Warangal, Telangana, India - 506009
Aruna Kranthi Godishala	IN	55-2-581/12, Bank Colony-2, Bheemaram, Hanamkonda, Warangal, Telangana, India - 506009

hereby declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in pursuance of my application numbered dated

2. INVENTOR(S)

NAME	NATIONALITY	ADDRESS
Aruna Kranthi Godishala	IN	55-2-581/12, Bank Colony-2, Bheemaram, Hanamkonda, Warangal, Telangana, India - 506009
Rajkumar Banoth	IN	55-2-581/12, Bank Colony-2, Bheemaram, Hanamkonda, Warangal, Telangana, India - 506009
Sampath Korra	IN	H.No.6-15/1, Plot No-844, Budhanagar Colony, Peerzadiguda, Medipally Mandal, Medchal Dist, Telangana, India-500098
Rohit Raja	IN	G.G.V. (Central University), Bilaspur Chhattishgarh, India

Dated this **8th day of June 2020**



Vidya Bhaskar Singh Nandiyal
(IN/PA-2912)
Authorized Signatory

To,
The Controller of Patents
The Patent Office at Chennai



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GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 011142056
SL No :



पेटेंट सं. / Patent No. : 385681
आवेदन सं. / Application No. : 202111002128
फाइल करने की तारीख / Date of Filing : 17/01/2021
पेटेंटी / Patentee : 1.Mr. Sandeep Kumar (Research Scholar) 2.Dr. Sukhwinder Singh (Assistant Professor) 3.Dr. Jagdish Kumar (Professor) 4.Dr. Rohit Raja (Associate Professor & HOD) et al. et al.

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित FACE EMOTIONS RECOGNITION BASED ON DEEP LEARNING FOR SMART AND SECURED CHILD CARE TAKER. नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 17th day of January 2021 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 FACE EMOTIONS RECOGNITION BASED ON DEEP LEARNING FOR SMART AND SECURED CHILD CARE TAKER. as disclosed in the above mentioned application for the term of 20 years from the 17th day of January 2021 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 30/12/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 17th day of January 2023 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 17th day of January 2023 and on the same day in every year thereafter.



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THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 022116861
SL No :



पेटेंट सं. / Patent No. : 389902
आवेदन सं. / Application No. : 202121026466
फाइल करने की तारीख / Date of Filing : 14/06/2021
पेटेंटी / Patentee : 1.Dr. Rohit Raja 2.Dr. Suraj Sharma 3.Dr. Sharad Chandra
Srivastava 4.Dr. Sumit Srivastava et al. et al. et al. et al.
al. et al. et al. et al.

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SYSTEM AND METHOD FOR OBJECT DETECTION AND OBJECT TRACKING FOR TRAFFIC SURVEILLANCE नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 14th day of June 2021 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 SYSTEM AND METHOD FOR OBJECT DETECTION AND OBJECT TRACKING FOR TRAFFIC SURVEILLANCE as disclosed in the above mentioned application for the term of 20 years from the 14th day of June 2021 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 21/02/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 14th day of June 2023 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 14th day of June 2023 and on the same day in every year thereafter.



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Government of India

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

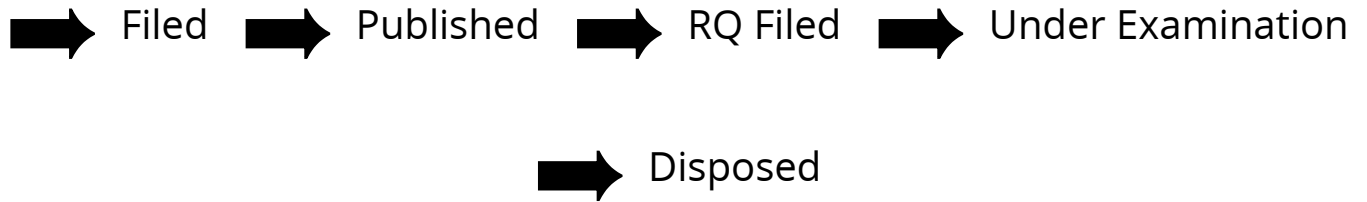
Application Details

APPLICATION NUMBER	202141002082
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/01/2021
APPLICANT NAME	1 . Dr. Sandeep Kumar (Professor and Dean R&D) 2 . Dr. Arpit Jain (Associate Professor) 3 . Dr. Rohit Raja (Associate Professor & HOD) 4 . Prof. Shilpa Rani (Assistant Professor) 5 . Dr. Mandeep Kumar (Assistant Professor) 6 . Dr. Kantipudi MVV Prasad (Associate Professor) 7 . Dr. Sanjay Kumar (Assistant Professor) 8 . Professor Rakesh Kumar Dwivedi (Director) 9 . Mrs. Puja Kumari (Assistant Professor) 10 . Dr. Vivek Sharma (Assistant Professor)
TITLE OF INVENTION	DEEP LEARNING BASED ROBOTIC JUDGE FOR RASH DRIVING CRIME
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	er.sandeepsahratia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	dr.jainarpit@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	26/03/2021
PUBLICATION DATE (U/S 11A)	22/01/2021
REPLY TO FER DATE	23/02/2022

Application Status

APPLICATION STATUS

Application Refused U/S 15

[Order\(s\)/Decision\(s\)](#)[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2021 103 650

Bezeichnung:

Verkehrsüberwachungssystem

IPC:

G08G 1/00

Inhaber/Inhaberin:

Chandan, Amit Kumar, Dr., Bilaspur, Chhattisgarh, IN
Chande, Manoj Kumar, Dr., Raipur, Chhattisgarh, IN
Choudhary, Minu, Bilai, Chhattisgarh, IN
Jharia, Bhavana, Dr., Jabalpur, Madhya Pradesh, IN
Kallepalli, Rohit Kumar, Vaddeswaram, Andhra Pradesh, IN
Raja, Hiral, Dr., Raipur, Chhattisgarh, IN
Raja, Rohit, Dr., Raipur, Chhattisgarh, IN
Sharma, Prakash Chandra, Dr., Jaipur, Rajasthan, IN
Sharma, Suraj, Dr., Bhubaneswar, Odisha, IN
Srivastava, Sharad Chandra, Dr., Prayagraj, Uttar Pradesh, IN
Srivastava, Sumit, Dr., Prayagraj, Uttar Pradesh, IN
Thakkar, Priyanka Bibay, Raipur, Chhattisgarh, IN

Tag der Anmeldung:

07.07.2021

Tag der Eintragung:

04.03.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 04.03.2022





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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100341

The Commissioner of Patents has granted the above patent on 31 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Subodh Panda of Professor, Electronics & Communication Engineering Pragati Engineering College Andhra Pradesh India

Sudarson Jena of Associate Professor, Computer Science & Engineering, SUIT, Sambalpur University Jyoti Vihar, Burla, Odisha 768019 India

PREMANSU SEKHARA RATH of Associate professor, Computer Science & Engineering, GIET UNIVERSITY Gunupur, At – Gobriguda, Po- Kharling Gunupur, Odisha 765022 India

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SANTOSH KUMAR MAJHI of Assistant Professor, Computer Science & Engineering, VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA, ODISHA India

MURALI KRISHNA SENAPATY of Assistant Professor, Computer Science & Engineering, GIET UNIVERSITY Gunupur, At – Gobriguda, Po- Kharling Gunupur, Odisha 765022 India

Amiya Bhusan Bagjadab of Research Scholar, Computer Science & Engineering, VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA, ODISHA India

MUKESH BATHRE of Research Scholar, Information Technology, VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA, ODISHA India

SANTOSH SONI of Assistant Professor, Information Technology, GURU GHASIDAS UNIVERSITY BILASPUR, CG India

SANJAY KUMAR GIRI of Asst. Professor, Computer Science & Engineering, RADHAKRISHNA INSTITUTE OF TECHNOLOGY AND ENGINEERING Jagannathpur, Khorda, Odisha 752057 India

Title of invention:

Health Related Crisis Ready Plan through Wireless Sensor Network and the Cloud Computing at Populated Spots

Name of inventor(s):

Panda, Subodh; Jena, Sudarson; RATH, PREMANSU SEKHARA; SETHI, NILAMBAR; MAJHI, SANTOSH KUMAR; SENAPATY, MURALI KRISHNA; Bagjadab, Amiya Bhusan; BATHRE, MUKESH; SONI, SANTOSH and GIRI, SANJAY KUMAR

Term of Patent:

Eight years from 19 January 2021



Dated this 31st day of March 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.



Australian Government

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100341

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 31st day of March 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.



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पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044124198
SL No :



पेटेंट सं. / Patent No. : 350637
आवेदन सं. / Application No. : 201941034109
फाइल करने की तारीख / Date of Filing : 23/08/2019
पेटेंटी / Patentee : 1.Dr. Rohit Raja 2.Dr. Md Rashid Mahmood 3.Dr. Sandeep Kumar 4.Shilpa Rani et al. et al. et al. et al. et al.

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित AN APPARATUS AND METHOD FOR REMOTELY MONITORING AN AQUATIC ANIMAL AND CLASSIFICATION THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 23rd day of August 2019 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 AN APPARATUS AND METHOD FOR REMOTELY MONITORING AN AQUATIC ANIMAL AND CLASSIFICATION THEREOF as disclosed in the above mentioned application for the term of 20 years from the 23rd day of August 2019 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 02/11/2020
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

OKSupta

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 23rd day of August 2021 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 23rd day of August 2021 and on the same day in every year thereafter.



Australian Government

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103853

The Commissioner of Patents has granted the above patent on 27 January 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Deepak. Ch of School of Electronics Engineering, VIT- AP University Near Vijayawada Andhra Pradesh 522237 India

Arjun Choudhary of Sardar Patel University of Police, Security and Criminal Justice, Near Lordi pundit ji Village Opp Vigyan Nagar Scheme Jodhpur Rajasthan 342037 India

Abhishek Sharma of LNMIIT Studio Apartment 202 Rupa Ki Nangal via Jamdoli Jaipur RJ 302031 India

Arun Kumar Sinha of Room no 328d, SENSE department, VIT-AP university Gunter Andhra Pradesh India

Sulabh Bansal of School of Computing and Information Technology, Manipal University Jaipur, Dehmi Kalan Jaipur Ajmer Expressway Jaipur, Rajasthan 303007 India

Prakash Chandra Sharma of Department of Information Technology Manipal University Jaipur India

Varun Bajaj of Faculty of Electronics and Communication, Engineering PDPM Indian Institute of Information Technology Design & Manufacturing (IIITDM) Jabalpur India

Sanjiv Sharma of Department of CSE & IT MITS Gwalior India

Rohit Raja of Department of Information Technology, Guru Ghasidas Vishwavidyalaya (Central University) Bilaspur India

Title of invention:

DYNAMIC DIGITAL TWIN SYSTEM AND A METHOD OF OPERATING THEREOF

Name of inventor(s):

C. H., Deepak.; Choudhary, Arjun; Sharma, Abhishek; Kumar Sinha, Arun; Bansal, Sulabh; Chandra Sharma, Prakash; Bajaj, Varun; Sharma, Sanjiv and Raja, Rohit

Term of Patent:

Eight years from 2 December 2020

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 27th day of January 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

Sec 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



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100285

The Commissioner of Patents has granted the above patent on 7 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Ramesh Chandra Panda of Dean, Research & Development Cell, Synergy Institute of Engg & Technology Dhenkanal Orissa 759001 India

Rohit Raja of Department of Information Technology, SoS (E&T), Guru Ghasidas Vishwavidyalaya, (A Central University) Bilaspur Chhattisgarh 495009 India

Somnath B. Thigale of Department of CSE, SVERIs College of Engineering Pandharpur India

Dinesh Kumar of Lingaya's Vidyapeeth Faridabad Haryana 121002 India

Bijendra Kumar of Department of Civil Engineering, Bakhtiyarpur College of Engineering, Dedaur Bakhtiyarpur Patna 803212 India

Krishna Mohan Agarwal of Mechanical Engineering Department, Amity University Noida Uttar Pradesh 201303 India

Aditya Sinha of Department of CSE, Manipal University Jaipur Rajasthan India

Apoorva Parashar of Department of CSE, Maharshi Dayanand University Rohtak Haryana India

Monalisa Pattanayak of Assistant Professor, MITS Rayagada Odisha 765017 India

Sharad Chandra Srivastava of Industrial & Production Engineering, Guru Ghasidas Vishwavidyalaya, (A Central University) Bilaspur Chhattisgarh 495009 India

Aakanksha Sharaff of Department of CSE, National Institute of Technology Raipur Chhattisgarh India

S. K. Saritha of Department of CSE, Maulana Azad, National Institute of Technology (MANIT) Bhopal Madhya Pradesh 462003 India

D. Kishan of Department of Civil Engineering, Maulana Azad, National Institute of Technology (MANIT) Bhopal Madhya Pradesh 462003 India

Suraj Sharma of Department of Computer Science, IIIT Bhubaneswar Bhubaneswar Odisha India

Title of invention:

NOVEL 3D PRINTED BIONIC PROSTHETIC LEG

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Term of Patent:



Dated this 7th day of April 2021

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100285

Eight years from 17 January 2021

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