



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020101596

The Commissioner of Patents has granted the above patent on 26 August 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Balamurugan B of Professor, School of Computer Science & Engineering, Galgotias University Greater Noida Uttar Pradesh- 201310 India

Arvind Kumar of Associate Professor, Mechanical Engineering Department, Chandigarh Engineering College Landran, Mohali Punjab- 140307 India

Meenakshi Sharma of Professor, School of Computer Science & Engineering, Galgotias University Greater Noida Uttar Pradesh- 201310 India

Lakshmi Shankar of Assistant Professor, Department Mechanical Engineering, Punjabi University Patiala Punjab- 147002 India

Rajni Mohana of Associate Professor, Department of CSE Jaypee university of Information Technology, Waknaghat, Solan, Himachal Pradesh- 173212 India

Reecha Sharma of Assistant Professor, Department of ECE, Punjabi University Patiala Punjab- 147002 India

Gaurav Deep of Assistant Professor, Department of CSE, Punjabi University Patiala Punjab- 147002 India

Lakshmana Kumar R of Assistant Professor, Department of Computer Applications Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu- 641032 India

Suresh Kallam of 19-41-S5-1099, Jaya Nagar Tirupati Andhra Pradesh - 517501 India

Title of invention:

INDUSTRIAL DIGITAL ASSISTANTS (IDA): DESIGNING AND REORGANIZING THE WORKPLACE LAYOUT FOR THE INDUSTRIES THROUGH AI TECHNIQUES DURING LARGE SCALE PANDEMICS

Name of inventor(s):

B., Balamurugan; Kumar, Arvind; Sharma, Meenakshi; Shankar, Lakshmi; Mohana, Rajni; Sharma, Reecha; Deep, Gaurav; R., Lakshmana Kumar and Kallam, Suresh

Term of Patent:

Eight years from 31 July 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 26th day of August 2020

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.

This data, for application number 2020101596, is current as of 2021-02-28 21:00 AEST



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020101845

The Commissioner of Patents has granted the above patent on 9 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Manpreet Singh Manna of Associate Professor, Department of EIE, Sant Longowal Institute of Engg. & Tech (Deemed University by MHRD, GOI), Longowal, Sangrur, Punjab - 148106 India

Meenakshi Sharma of Professor, School of CSE, Galgotias University Greater Noida Uttar Pradesh- 201310 India

Arvind Kumar of Associate Professor, Mechanical Engineering Department, Chandigarh Engineering College Landran, Mohali Punjab- 140307 India

Reecha Sharma of Assistant Professor, Department of ECE, Punjabi University Patiala Punjab- 147002 India

Balamurugan Balusamy of Professor, School of CSE, Galgotias University Greater Noida Uttar Pradesh- 201310 India

Lakshmi Shankar of Assistant Professor, Department of Mechanical Engineering, Punjabi University Patiala Punjab- 147002 India

Sumit Chaudhary of HOD- CSE/ Associate Professor, Indrashil University, Rajpur Kadi, Dist. Mehsana Gujarat - 382740 India

Lakshmana Kumar R of Assistant Professor, Department of Computer Applications Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu- 641032 India

Suresh Kallam of 19-41-S5-1099, Jaya Nagar Tirupati Andhra Pradesh - 517501 India

Title of invention:

Customized Identity Management Systems (CIMS) for Smart City Infrastructure Platform through Blockchain

Name of inventor(s):

Manna, Manpreet Singh; Sharma, Meenakshi; Kumar, Arvind; Sharma, Reecha; Balusamy, Balamurugan; Shankar, Lakshmi; Chaudhary, Sumit; R., Lakshmana Kumar and Kallam, Suresh

Term of Patent:

Eight years from 15 August 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 9th day of September 2020

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

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103157

The Commissioner of Patents has granted the above patent on 16 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Anoop Kumar Chaturvedi of Lakshmi Narain College of Technology, Rajiv Gandhi Proudयोगiki Vishwavidyalaya, Bhopal Bhopal Madhya Pradesh 462022 India

R. Lakshmana Kumar of Department of Computer Applications, Hindusthan College of Engg. & Technology Coimbatore Tamil Nadu India

Saiful Islam of Department of Civil Engineering, College of Engineering, King Khalid University Abha 62529 Saudi Arabia

NADEEM AHMAD KHAN of Department of Civil Engineering, Mewat Engineering College NUH Haryana India

AFZAL HUSAIN KHAN of Department of Civil Engineering, Jazan University Jazan Saudi Arabia

T. C. Manjunath of Electronics & Communication Engg Dept., Dayananda Sagar College of Engg., DSCE Bangalore Karnataka 560078 India

Pavithra G. of Dept. of Electronics & Comm., ECE, RRC, Visvesvaraya Technological University Belagavi Karnataka 590018 India

Kailash Kumar of College of Computing & Informatics, Saudi Electronic University Riyadh Saudi Arabia

K. Veerakumar of Nallamuthu Gounder Mahalingam College Pollachi Tamilnadu 642001 India

Kamal Gulati of Quality Support Coordinator - IQAC, Amity University Noida Uttar Pradesh 201303 India

Narinder Kumar Bhasin of Amity University Noida Uttar Pradesh 201301 India

Pankaj Dadheech of Dept. of Computer Sci. & Engg., Swami Keshvanand Institute of Technology Management & Gramothan(SKIT), Ramnagar Jaipur, Rajasthan 302017 India

R. Sankeerthana of Sri Padmavati Mahila Visvavidyalayam, Padmavathi Nagar Tirupati Andhra Pradesh 517502 India

Srinivasa L. Chakravarthy of GITAM University, (Deemed to be University) Gandhi Nagar Rushikonda, Visakhapatnam Andhra Pradesh 530045 India

Anil Kumar Ghadiyaram of Department of ECE, Vignana Bharathi Institute of Technology Hyderabad Telangana 501301 India

Bharathi Panduri of Gokaraju Rangaraju Inst. of Engg. & Tech Hyderabad Telangana India

Title of invention:

AN ARTIFICIAL INTELLIGENCE BASED AUTOMATIC CLEANLINESS SYSTEM FOR PHYSICALLY HANDICAPPED PERSONS

Name of inventor(s):



Dated this 16th day of December 2020

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

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021102333

The Commissioner of Patents has granted the above patent on 23 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Ranjana Tewari of Associate Professor Sanskriti University Mathura Uttar Pradesh India

Rana Singh of Professor, Sanskriti University, Chatta Mathura Uttar Pradesh India

Hansaraj Shalikram Wankhede of KG Reddy college of Engg. & Technology Hyderabad India

Piyush Kumar Shukla of Associate Professor, Dept. of Computer Science & Engg., University Institute of Technology Rajiv Gandhi Proudlyogiki Vishwavidyalaya Bhopal, Madhya Pradesh India

Hemambika Sadasivuni of Professor in Chemistry, Dept of Science and Humanities, St. Martin's Engineering College Hyderabad India

Prashant Kumar Shukla of Research Coordinator & Asst. Prof.(SG), Dept. of Computer Science & Engg., School of Engineering and Technology Jagran Lakecity University Bhopal, Madhya Pradesh India

Deepa Jose of Associate Professor, KCG College of Technology, Karapakkam Chennai Tamil Nadu 600097 India

Pooja Shukla of Associate Professor, Department of Management, Lakshmi Narain College of Technology Bhopal Madhya Pradesh 462022 India

Prafull Kumar of Assistant Professor, Sanskriti University, Chhata Mathura Uttar Pradesh India

Ankita Trivedi of Academic Support Specialist, Biotecnika Info Labs, E-4, Block E, Sector 3, Noida Uttar Pradesh India

Diwan Sher of CMD, Shodh Sagar Jind Haryana 126102 India

Pavithra G. of Associate Professor, Electronics & Communication Engg Dept, Dayananda Sagar College of Engg., DSCE Shavige Malleshwara Hills, Bengaluru Karnataka 560078 India

T. C. Manjunath of Professor & HOD, Electronics & Communication Engg Dept, Dayananda Sagar College of Engg., DSCE Shavige Malleshwara Hills Bengaluru, Karnataka 560078 India

R. Ranjani of Assistant Professor, Dept of Virology, S V university Tirupati Andhra Pradesh 517502 India

Biswarup Neogi of Associate Professor & HoD, ECE Dept. JIS College of Engineering Kalyani W.B. 741235 India

R. Lakshmana Kumar of Assistant Professor, Department of Computer Applications, Hindusthan College of Engg. & Tech. Coimbatore India

Gagan Kant Tripathi of Assistant Professor, School of Nanotechnology (SONT), Rajiv Gandhi Proudlyogiki Vishwavidyalaya Bhopal Madhya Pradesh 462033 India

Title of invention:



Dated this 23rd 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.