

Patent number: 2021102961

The Commissioner of Patents has granted the above patent on 30 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Pijush Dutta of Assistant Professor & HoD, Department of ECE, Global Institute of Management and Tech. Palpara More,NH-34, Krishnanagar, Nadia, West Bengal 741102 India

Title of invention:

AN IOT BASED SYSTEM FOR TRACING AND RECOGNIZING AN OBJECT

Name of inventor(s):

Jaiswal, Sushma; Achanta, Sampath Dakshina Murthy; Ziya Gous, Mahmad; Kumar, K. Kranthi; Lalitha Kumari, Pilli; Nandikolla, Supriya; Madhusudhana Rao, G.; Jaiswal, Tarun; Rao, P. Sambasiva; Suneela, B.; Gudivada, Vijaya Kumar and Dutta, Pijush



Dated this 30th day of June 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021102581

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.

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Prakash Pralhad Sarwade of Assistant Professor and Head, Department, of Botany, Shikshan Maharshi Guruvarya R, G. Shinde Mahavidyalaya, Paranda Dist. Osmanabad Maharashtra 413 502 India

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Pavan Kumar Thimmaraju of Associate Professor, Dept. of Mechanical, Engineering, School of Engg.Nalla, Narasimha ReddyEducation Society's Group of Institutions, Choudariguda, Korremula Ghatkesar, Hyderabad 500088 India

Ahmed Mateen Buttar of Lecturer, Department of Computer Science, University of Agriculture Faisalabad 38000 Pakistan

Title of invention:

A NOVEL VLSI BASED ARCHITECTURE FOR STROKE DETECTION USING OPTIMIZED RESOURCE ALLOCATION

Name of inventor(s):

Sarwade, Prakash Pralhad; Jaiswal, Sushma; J., Praveen; Upadhyay, Mukesh; Yadav, Ruchi; Lakwal, Vijay Ramkisan; Rajput, Aishwarya Premsing; Ezhilselvi, R. Indra Mary; Kumar, Manish; Thimmaraju, Pavan Kumar and Buttar, Ahmed Mateen

Term of Patent:



Dated this 23rd day of June 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021102309

The Commissioner of Patents has granted the above patent on 16 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

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- S. Kalarani of Professor, Department of IT, St Joseph's Institute of Technology, Old Mamallapuram Road, Semmancheri Chennai, Tamil Nadu 600119 India
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- C. Bhuvaneswari of Assistant Professor, Department of Computer Science, Government Arts & Science College Thiruvennainallur, Villupuram District, Tamil Nadu 607203 India
- B Suneela of Associate Professor, Department of ECE, Lords Institute of Engg & Technology Hyderabad, Telangana 500091 India

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S. Selvakanmani of Associate Professor, Department of CSE, Velammal Institute of Technology Chennai, Tamil Nadu 601204 India

Title of invention:

AN EFFICIENT IRIS RECOGNITION SYSTEM WITH COMPLETE LOCAL TERNARY PATTERN FEATURE EXTRACTION AND CLASSIFICATION METHOD

Name of inventor(s):

Jaiswal, Tarun; Jaiswal, Sushma; Raghuram, K.S.; Sreenivasulu, Mude; Kumar, M.Anjan; Kalarani, S.; Sumaiya, Sk.; Mahalaxmi, U.S.B.K.; Bhuvaneswari, C.; Suneela, B; Ahmad, Shahnawaz and Selvakanmani, S.



Dated this 16th day of June 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021101904

The Commissioner of Patents has granted the above patent on 19 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

M. Akiful Haque of Associate Professor, Department of, Pharmaceutical Analysis, SchoolofPharmacy, Anurag University, Venkatapur Medchal Dist, Hyderabad Telangana India

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Maheswari. D of Sr AP, Department of ECE, Agni College of Technology Chennai Tamil Nadu India

S. Ohmshankar of AP, Department of ECE, Agni College of Technology Chennai Tamil Nadu India

Title of invention:

ARTIFICIAL NEURAL NETWORK BASED EARLY DIAGNOSIS OF DIABETES MELLITUS

Name of inventor(s):

Haque, M. Akiful; Jaiswal, Sushma; S., Prathik; Balachander, Bhuvaneswari; Kumar, T. C. H. Anil; Ranjani, R.; Srilalitha, Sapram; Sharma, Deepankar; D., Maheswari, and Ohmshankar, S.

Term of Patent:

Eight years from 14 April 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 19th day of May 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021101744

The Commissioner of Patents has granted the above patent on 19 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Anurag Shrivastava of Laxminarain College of Tech & Science, Principal And Professor ECE Indore Madhya Pradesh 453111 India

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Ashwin Verma of Inst. of Technology, Nirma University, Dept. of Computer Science & Engineering, SG Highway Ahmedabad Gujarat 382481 India

Title of invention:

THE WASTE SEGREGATION METHOD USING MACHINE LEARNING TECHNIQUE

Name of inventor(s):

Shrivastava, Anurag; Singh, Ashutosh Kumar; Jaiswal, Sushma; Jain, Jay Kumar; Sharma, Amit Kumar; Bolukonda, Deepthi; Reddy, Kamasani Chandrasekhar; Chaurasia, Pawan Kumar; Ilyas, Md; Raghuvanshi, Rajeev and Verma, Ashwin

Term of Patent:

Eight years from 6 April 2021



Dated this 19th day of May 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021101660

The Commissioner of Patents has granted the above patent on 5 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Anurag Shrivastava of Laxminarain College of Tech & Science, Principal And Professor ECE Indore Madhya Pradesh 453111 India

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Naveen Mukati of Prestige Inst of Eng. Mang. & Research, Prestige Vihar, Scheme No. 74 C, Sector-D, Vijay Nagar INDORE Madhya Pradesh 452010 India

Title of invention:

A REAL-TIME SMART HOME AUTOMATION SYSTEM BASED ON LABVIEW PLATFORM

Name of inventor(s):

Shrivastava, Anurag; Jaiswal, Sushma; Sridevi, Ramachandiran; Jaiswal, Tarun; Singh, Ashutosh kumar; Shukla, Brahma Datta; Vatchala, Subbiah; Pawar, Santosh; Bata, Omprakash and Mukati, Naveen

Term of Patent:

Eight years from 31 March 2021



Dated this 5th day of May 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021101174

The Commissioner of Patents has granted the above patent on 21 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Avinash Kumar of Dean (Academic and Administration), EEE Department, GGSESTC Chas Bokaro Jharkhand India

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Geeta R. Bharamagoudar of Professor, Department of Computer, Science and Engineering, KLE Institute of Technology Hubballi Karnataka 580030 India

Title of invention:

SOLAR PV POWER INTEGRATED SMART GRID BASED ENERGY MANAGEMENT SYSTEM

Name of inventor(s):

Jaiswal, Sushma; Kamal, Neel; Misra, Anuranjan; Priyadharsini, M.; Kumar, Avinash; Chaudhari, Shrikant Ulhas; Patil, Mallikarjunagouda; Raghuvanshi, Rajeev; Krishnamoorthy, R. and Bharamagoudar, Geeta R.

Term of Patent:

Eight years from 5 March 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 21st day of April 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021101172

The Commissioner of Patents has granted the above patent on 21 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Shiv Raj Singh of Department of Mathematics, CCS University Meerut India

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Tarun Jaiswal of Department of Computer Applications, National Institute of Technology Raipur C.G India

Seema Agarwal of Department Of Mathematics, SRM Institute of Science and Technology, Delhi NCR Campus Ghaziabad U.P. India

- A. Sathish of Department of CS and Systems Engineering, Sree Vidyanikethan Engineering College Tirupati India
- S. Vatchala of Department of CS and Engineering, Sree Vidyanikethan Engineering College Tirupati India

Title of invention:

DESIGN AND IMPLEMENTATION OF CONVOLUTION NEURAL NETWORK ON EDGE COMPUTING SMART PHONE FOR HUMAN ACTIVITY RECOGNITION

Name of inventor(s):

Jaiswal, Sushma; R., Sridevi; TOOMULA, SRILATHA; Raj Singh, Shiv; Arora, Tarun Kumar; Kumar Chaubey, Pavan; Jaiswal, Tarun; Agarwal, Seema; Sathish, A. and Vatchala, S.

Term of Patent:

Eight years from 4 March 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 21st day of April 2021

Commissioner of Patents

PATENTS ACT 1990



Patent number: 2021100809

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.

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R. Krishnamoorthy of Sree Sastha Institute of Engg & Tech. Chennai Tamil Nadu India

M. Amina Begum of Sree Sastha Institute of Engg & Tech Chennai Tamil Nadu India

Title of invention:

IOT BASED OPTIMAL MANAGEMENT OF SMART FARMS USING WIND POWER SYSTEM

Name of inventor(s):

Kumar, M. Mathan; Jaiswal, Sushma; Gampala, Veerraju; V. S., Shaisundaram; Reddy, Challa Vijaya Bhaskar; R D, Sivakumar; Mistry, Snehalkumar H.; singh, Amandeep; Krishnamoorthy, R. and Begum, M. Amina

Term of Patent:

Eight years from 10 February 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 7th day of April 2021

Commissioner of Patents

PATENTS ACT 1990