



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021103446

The Commissioner of Patents has granted the above patent on 22 September 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Satyanarayana Mummana of Associate Professor, Department of CSE, Raghu Engineering College  
Visakhapatnam Andhra Pradesh 531162 India

Suma T. of Associate Professor, Department of CSE, Sri Venkateshwara College of Engineering Bengaluru  
Karnataka 562157 India

V. Saveetha of Assistant Professor, Department of Information Technology, Dr.NGP Institute of Technology  
Coimbatore Tamil Nadu 641048 India

R. Kingsy Grace of Associate Professor, Department of CSE, Sri Ramakrishna Engineering College Coimbatore  
Tamil Nadu 641022 India

N. Lakshmipathi Anantha of Professor & Head, Department of Computer Science and Engg., Malla Reddy  
Engineering College Secunderabad Telangana 500100 India

P. Rajasekaran of Assistant Professor, Department of Information Technology, Dr.NGP Institute of Technology  
Coimbatore Tamil Nadu 641048 India

Rabinarayan Satpathy of Professor in CSE (FMS), Director VC Office, Sri Sri University Cuttack Odisha 754006  
India

T. Vijay Muni of Assistant Professor, Department of EEE, Koneru Lakshmaiah Education Foundation  
Vaddeswaram Andhra Pradesh 522502 India

Ashwini Sharma of Assistant Professor, Department of CSE, Government Engineering College Jhalawar  
Rajasthan 326023 India

N. L. Aravinda of Associate Professor, Department of ECE, CMR Engineering College Hyderabad Telangana  
500072 India

Tarun Jaiswal of Research Scholar, Department of Computer Application, National Institute of Technology  
(NITRR) Raipur Chhattisgarh 492010 India

Sushma Jaiswal of Assistant Professor, Department of CSIT, Guru Ghasidas Vishwavidyalaya Koni, Bilaspur  
Chhattisgarh 495009 India

**Title of invention:**

ENERGY EFFICIENT WIRELESS SENSOR NETWORK WITH OPTIMIZED CLUSTERING AND  
COMPRESSIVE SAMPLING

**Name of inventor(s):**

Mummana, Satyanarayana; T., Suma; Saveetha, V.; Grace, R. Kingsy; Anantha, N. Lakshmipathi; Rajasekaran,  
P.; Satpathy, Rabinarayan; Muni, T. Vijay; Sharma, Ashwini; Aravinda, N. L.; Jaiswal, Tarun and Jaiswal,  
Sushma



Dated this 22<sup>nd</sup> day of September 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

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021103446

**Term of Patent:**

Eight years from 18 June 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 22<sup>nd</sup> day of September 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