



Australian Government

IP Australia

## CERTIFICATE OF GRANT

# INNOVATION PATENT

Patent number: 2021100156

The Commissioner of Patents has granted the above patent on 24 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

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

Sobhana Mummaneni of Senior Assistant Professor, Department of Computer Science and Engg., V.R Siddhartha Engineering College Kanuru, Vijayawada, Andhra Pradesh 520007 India

Vivek Gehlot of Assistant Professor, Department of Computer Science & Engg, Mayurakshi Institute of Engineering & Technology, Mandalnath Chouraha Jodhpur, Rajasthan 342001 India

Sakthivel P. of Professor, Department of ECE, Anna University Chennai, Tamil Nadu 600025 India

Sriram V. P. of Associate Professor, Department of Management Studies, Acharya Bangalore B-School (ABBS), Bengaluru, Karnataka 560091 India

Dwarakanath B of Assistant Professor (selection Grade), Department of Information Technology, Hindustan Institute of Technology and Science, Kelambakkam, Chennai Tamil Nadu 603 103 India

USHA D. of Associate Professor, Department of Computing Science and Engg, Dr. M.G.R. Educational and Research Institute, Chennai, Tamil Nadu 600 095 India

Ajay Kumar Maurya of Research Scholar, Department of Electrical Engineering, IFTM University Moradabad, Uttar Pradesh 244102 India

Naariseti Srinivasa Rao of Lecturer, Engineering Department, University of Technology and Applied Sciences, IBRI Al Dhahirah 516 Oman

Subramani T. of Professor & Dean, Department of Civil Engineering, V.M.K.V. Engineering College VMRF (DU), Salem Tamilnadu 636 308 India

Ravikumar R N of Research Scholar, Department of Computer Science and Engg., Amity University, Jaipur, Rajasthan 302015 India

### Title of invention:

Artificial Intelligent System for Predicting the Hard Disk Failure

### Name of inventor(s):

Mummaneni, Sobhana; Gehlot, Vivek; P., Sakthivel; V. P., Sriram; B., Dwarakanath; D., USHA; Maurya, Ajay Kumar; Rao, Naariseti Srinivasa; T., Subramani and R.N, Ravikumar

### Term of Patent:

Eight years from 12 January 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 24<sup>th</sup> day of March 2021

Commissioner of Patents

PATENTS ACT 1990

This document is the property of IP Australia and should be returned to the Commissioner of Patents on request.

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 applicant 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