

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020104385

The Commissioner of Patents has granted the above patent on 3 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Latika Pinjarkar of 23/7, Nehru Nagar (east) Bhilai 490020 India

Padma Bonde of B-4, Ralas Enclave, Near Gayatri Hospital, Dagania Raipur Chhattisgarh 492013 India

Md. Khaja Mohiddin of Senior Assistant Professor, Department of Electronics and, Telecommunication Engg Bhilai Institute of Technology Abhanpur Road, Atal Nagar Raipur Chhattisgarh 493661 India

Kapil Kumar Nagwanshi of ASET Amity University Rajesthan Jaipur India

Upendra Verma of MPSTME Shirpur, SVKM's NMIMS Mumbai India

Shilpa Rani of Flat 101, Geetika Tower's Kundanbagh Begum pet Hyderabad 500016 India

Sandeep Kumar of Professor, ECE Department, Sreyas Institute of Engineering &, Technology, Beside Indu Aranya GSI, Bandlaguda Nagole, Hyderabad, Telangana 500068 India

Anil Kumar Soni of Assistant Professor, ECE Department, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur (Chhattisgarh) 495009 India

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

Alok Kumar Singh Kushwaha of Associate Professor & Head, Department of CSE, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur (Chhattisgarh) 495009 India

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

Title of invention:

A SYSTEM AND A METHOD FOR AUTOMATED IRRIGATION USING INTERNET OF THINGS

Name of inventor(s):

Pinjarkar, Latika; Bonde, Padma; Mohiddin, Md. Khaja; Kumar Nagwanshi, Kapil; Verma, Upendra; Rani, Shilpa; Kumar, Sandeep; Kumar Soni, Anil; Raja, Rohit; Singh Kushwaha, Alok Kumar and Chandra Srivastava, Sharad

Term of Patent:

Eight years from 29 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 3rd 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.

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 paragraph101E(e) in respect of the patent