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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100930

The Commissioner of Patents has granted the above patent on 14 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Title of invention:

THE CONTROLLING IRRIGATION AND PESTICIDES IN AGRICULTURAL USING METHOD OF ARTIFICIAL
INTELLIGENCE

Name of inventor(s):

GEDAM, RAVI HEMRAJ; Daniel, D. Arul Pon; Toomula, Srilatha; Yadav, Ajay Singh; Sharma, Viresh; Kumar,
Sampath; Somasekhar, Todupunuri; Reddy, Pallela Naresh Kumar; Loganathan, Selvam and Perumal, Kavitha

Term of Patent:

Eight years from 19 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 14th day of April 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.



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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



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Application Type/No:	Invention 1/2021/050394	Filing Date:	24 August 2021 (24.08.2021)
Applicant:	SIVAKUMAR, Dr. Janaki (OM); DOSS, Dr. Amala Nirmal (IN); DESHMUKH, Radhika Gautamkumar (IN); DANIEL, Dr. D. Arul Pon (IN); JAISWAL, Dr. Sushma (IN); ILYAS, M D (IN); KANIEZHIL, Dr. R. (IN); KAVITHA, Dr. P. (IN); BHUJADE, Dr. Rakesh Kumar (IN) and TOOMULA, Srilatha (IN)		
Title:	THE SYSTEM AND APPARATUS FOR PRECISELY SMART FARMING.		
Division:	Administrative		

NOTICE OF PUBLICATION

This application has been published in the Intellectual Property Office e-Gazette **VOL 26 NO 29** released on **13 March 2023**.

The full text of this published application can be retrieved from the Intellectual Property Digital Library (IPDL) of the Intellectual Property Office of the Philippines (IPOP HL). Please visit the IPOP HL Website at www.ipophil.gov.ph.

REMINDERS:

1. Request for substantive examination must be filed, together with the payment of the corresponding fee within six (6) months from the aforementioned date of release. Otherwise, this application shall be deemed withdrawn in accordance with section 48 of RA 8293.

Request for substantive examination fee: Small entity: Php 2,010.00 + 1% Legal research fund (LRF); Big Entity: Php 4,200.00 + 1% legal research fund (LRF).

In case the request for substantive examination together with the payment thereof have already been filed, the requirements stated above should be disregarded.

2. The first annual fee shall be due and payable on **13 March 2027**. The second and subsequent annual fees shall be due and payable on **13 March** of each year starting **2028**.

Payment may be made within three (3) months before the due date. The obligation to pay the annual fees shall terminate should the application be withdrawn, refused or cancelled. (Rule 1100 of the Revised IRR).

3. If an annual fee is not paid within the prescribed time, a notice of non-payment shall be published in the IPOP HL E-gazette. After the publication, the notice shall also be immediately mailed to the patent owner, applicant, or the resident agent. (Rule 1102 of the Revised IRR).

4. Within a grace period of six (6) months from the publication of the notice of non-payment in the IPOP HL E-gazette, the annual fee plus the prescribed surcharge for the delayed payment and the publication fee must be paid in full. Upon failure to pay the annual fees, surcharges, and the publication fee within the grace period, a notice that the application is deemed withdrawn or that the patent is considered lapsed as of the date following the expiration of the original period within which the annual fee was due shall be issued and published in the IPOP HL E-gazette and recorded in the appropriate register of the Office. (Rule 1102 of the Revised IRR).

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If you have concerns regarding this application, you may contact us through the following:

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THE BUREAU OF PATENTS

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