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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101936

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):

Mohammed Ismail .B of Associate Professor, Department of Information Technology, Kannur University, Mangattuparamba campus Kannur, Kerala- 670567 India

Tulika Chakrabarti of Assistant Professor (Grade-A), Dept.of Chemistry, Sir Padampat Singhanian University Udaipur , Rajasthan- 313601 India

Ananda Shankar Hati of Assistant Professor, (Electrical Engineering), Dept. of Mining Machinery Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand- 826004 India

Mohan Awasthy of Principal and Professor, Electronics and Telecom Rungta College of Engineering and Technology, Bhilai, India

G. Jiji of Professor, Department of ECE Lord Jegannath College of Engineering and Technology, Ramanathichanputhooor, Nagercoil- 629402 India

T. Ajitha of Assistant Professor, Department of ECE St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil, Tamil Nadu- 629003 India

Sudharsan Jayabalan of Associate Professor, Department of ECE Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Telangana- 500090 India

Rakesh Rajendran of Assistant Professor, Department of ECE Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Thanjavur- 613403 India

Vivek Jaglan of Professor and Dean Research, Graphic Era Hill University Dehradun, Uttarakhand- 248002 India

Ajay Kumar Singh of Professor (CSE), B - 204, Faculty Residence, NH-58 Meerut Institute of Engineering & Technology, Meerut, Uttar Pradesh- 250005 India

Prasun Chakrabarti of Provost & Institute Endowed Distinguished, Senior Chair Professor, Techno India NJR Institute of Technology Udaipur, Rajasthan - 313003 India

Reddappa Hosur Nanji Reddy of Associate Professor, Department of Mechanical Engineering, Bangalore Institute of Technology K. R. Road, V. V. Pura, Bengaluru- 560 004 India

Title of invention:

Motion planning and control algorithm for obstacle avoidance for point mobile robots

Name of inventor(s):

B., Mohammed Ismail; Chakrabarti, Tulika; Hati, Ananda Shankar; Awasthy, Mohan; Jiji, G.; Ajitha, T.; Jayabalan, Sudharsan; Rajendran, Rakesh; Jaglan, Vivek; Singh, Ajay Kumar; Chakrabarti, Prasun and Reddy, Reddappa Hosur Nanji



Dated this 19th day of May 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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Term of Patent:

Eight years from 15 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

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Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (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.

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.

(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.

(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.

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