

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020101466

The Commissioner of Patents has granted the above patent on 12 August 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

KARTHIK S of Professor and Dean, Department of CSE, SNS College of Technology Coimbatore, Tamil Nadu - 641035 India

NIDHYA R of Assistant Professor, Department of CSE, Madanapalle Institute of Technology & Science Madanapalle Andhra Pradesh - 517325. India

KARTHIKEYAN N of Professor & Dean, Department of CSE, SNS College of Technology Coimbatore Tamil Nadu - 641107 India

ANAND PAUL of Associate Professor, The School of CSE Kyungpook National University Daegu 702-701 Republic of Korea

SHANTHINI J of Associate Professor, The School of Computing, SRM Institute of Science and Technology Kattangualathur Tamil Nadu - 603203 India

VIJAY SINGH RATHORE of Professor & Dean, Department of CS & IT, IIS University Jaipur Rajasthan - 312001 India

YUVARAJU B. N. of Professor, Department of CSE, National Institute of Engineering Mysuru Karnataka - 570008 India

SURENDIRAN B of Associate Dean, Department of CSE, National Institute of Technology (NIT) Puducherry, Karaikkal Puducherry - 609609 India

BHAVADHARINI R. M. of Associate Professor, Department of CSE, SRM Eswari Engineering College Chennai Tamil Nadu - 600089 India

Title of invention:

BLOCKCHAIN TECHNOLOGY BASED IOT CONSENSUS PROTOCOL FOR SMART HOME

Name of inventor(s):

S., KARTHIK; R., NIDHYA; N., KARTHIKEYAN; PAUL, ANAND; J., SHANTHINI; RATHORE, VIJAY SINGH; B. N., YUVARAJU; B., SURENDIRAN and R. M., BHAVADHARINI

Term of Patent:

Eight years from 24 July 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 12th day of August 2020

Commissioner of Patents

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