

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021104394

The Commissioner of Patents has granted the above patent on 2 September 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

ADDANKI PURNA RAMESH of PROF, DEPT. OF ECE, SRI VASAVI INST OF ENGINEERING AND TECH, NANDAMURU, PEDANA KRISHNA DIST. ANDHRA PRADESH 521369 India

NARENDRA KUMAR CH. of ASSOC. PROF., DEPT. OF EEE, MALLA REDDY ENGINEERING COLLEGE (A) HYDERABAD TELANGANA 500100 India

PALLETI VENKATA KUSUMA of DEPT OF ECE, JNTUA COLLEGE OF ENGINEERING PULIVENDULA ANDHRA PRADESH 515002 India

SUMAN TENALI of D.NO.5-25-9/4, OPP DELITE HOMES APT, JAYA PRAKASH NAGAR, ITHANAGAR, TENALI GUNTUR DIST. ANDHRA PRADESH 522201 India

THAMMIREDDI V SUBHASHINI of FLAT NO:D2, 17-42/6/50/13, GAYTRI ENCLAVE, SIMHARI NAGAR, PENDURTHI VISAKHAPATNAM ANDHRA PRADESH 531173 India

SATYANARAYANA MURTHY of PROF., DEPT OF ECE, VIGNAN'S INST OF INFORMATION TECHNOGY, DUVVADA VISAKHAPATNAM ANDHRA PRADESH 530049 India

PRADEEP M of ASSOC. PROF., DEPT. OF ECE, SHRI VISHNU ENGR COLL FOR WOMEN(A), VISHNUPUR, BHIMAVARAM WEST GODAVARI DISTRICT ANDHRA PRADESH 534202 India

BALA KRISHNA KONDA of ASSOC. PROF., DEPT. OF ECE, ELURU COLLEGE OF ENGR AND TECH, ELURU WEST GODAVARI DISTRICT ANDHRA PRADESH 534004 India

RADHIKA DORA of PROF., DEPT OF EEE, GEETHANJALI COLLEGE OF ENGR AND TECH, CHEERYAL VILLAGE KEESARA MANDAL, HYDERABAD TELANGANA 501301 India

VENKATA BHARADWAJ N of ASST. PROF., DEPT OF EEE, GEETHANJALI COLLEGE OF ENGR AND TECH, CHEERYAL VILLAGE KEESARA MANDAL, HYDERABAD TELANGANA 501301 India

SAMRAJ LAWRENCE T of ASST. PROF., DEPT OF INFORMATION TECH, DAMBI DOLO UNIVERSITY DAMBI DOLO OROMIA REGION DEMBI Ethiopia

MENAKA D of ASSOC. PROF., DEPT OF ELEC AND INST ENGR, NOORUL ISLAM CENTRE FOR HIGHER EDUCATION KUMARACOIL TAMILNADU 629180 India

SARAVANAN V of ASST. PROF., DEPT OF COMPUTER SCIENCE, DAMBI DOLO UNIVERSITY DAMBI DOLO OROMIA REGION DEMBI Ethiopia

KESAVA VAMSI KRISHNA V of ASSOC PROF, DEPT OF PHYSICS, MALLA REDDY ENGINEERING COLLEGE (A) HYDERABAD TELANGANA 500100 India

ANNA PALAGAN C of PROF, DEPT OF ECE, TEEGALA KRISHNA REDDY ENGINEERING COLL, MEERPET HYDERABAD TELANGANA 500097 India

Title of invention:



Dated this 2nd day of September 2021

Commissioner of Patents



CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021104394

DESIGN OF SOLAR ENERGY SYSTEM WITH EFFECTIVE EXTRACTION WITH LAB VIEW ENVIRONMENT

Name of inventor(s):

RAMESH, ADDANKI PURNA; CH., NARENDRA KUMAR; KUSUMA, PALLETI VENKATA; TENALI, SUMAN; SUBHASHINI, THAMMIREDDI V.; MURTHY, SATYANARAYANA; M., PRADEEP; KONDA, BALA KRISHNA; DORA, RADHIKA; N., VENKATA BHARADWAJ; T., SAMRAJ LAWRENCE; D., MENAKA; V., SARAVANAN; V., KESAVA VAMSI KRISHNA and C., ANNA PALAGAN

Term of Patent:

Eight years from 21 July 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 2nd day of September 2021

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