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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103513

The Commissioner of Patents has granted the above patent on 13 January 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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BAVANILATHA MUTHIAH of Asso.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology Chennai TamilNadu- 600119 India

V. KANNAN of No.11/104, South Ull Veethi, Bhrama Theerthakarai, T.V. Koil Trichy TamilNadu- 620005 India

M. P. SENTHIL KUMAR of 223, Gandhi Nagar, 5th cross Dharmapuri TamilNadu- 636 701 India

Title of invention:

A NOVEL STICKER TO DETECT SPECIFIED MAXIMUM RANGE IN THE TEMPERATURE SENSITIVE PRODUCTS

Name of inventor(s):

SATHIYAVEL, C.; RANJITH KUMAR, M.; PRAKASH, M.; GAJENDIRAN, M.; PALANI, KUMARAN; MUTHIAH, BAVANILATHA; KANNAN, V. and SENTHIL KUMAR, M. P.

Term of Patent:

Eight years from 18 November 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 13th day of January 2021

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103940

The Commissioner of Patents has granted the above patent on 27 January 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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JAYSHREE NELLORE , of Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

SWETHA SUNKAR , of Asso.Professor, Dept.of Bioinformatics, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

RAMESH KUMAR.V , of Asso.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

BAVANILATHA MUTHIAH , of Asso.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

NARENDRAKUMAR.G , of Asst.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

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RENUGADEVI K , of Asst.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

THYAGARAJAN RAJENDIRAN , of Asst.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

Title of invention:

A METHOD TO PREPARE BIOCOMPATIBLE GOLD NANOPARTICLES LOADED POLY LYSINE FOR THE POTENTIAL ANTI-CANCER ACTIVITY AGAINST COLORECTAL CANCER LINE (HT 29)

Name of inventor(s):

KARTHICK RAJA NAMASIVAYAM.S; VALLI NACHIYAR.C; JAYSHREE NELLORE; SWETHA SUNKAR; RAMESH KUMAR.V; BAVANILATHA MUTHIAH; NARENDRAKUMAR.G; PRAKASH PANDURANGAN; RENUGADEVI K and THYAGARAJAN RAJENDIRAN

Term of Patent:

Eight years from 8 December 2020



Dated this 27th day of January 2021

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102741

The Commissioner of Patents has granted the above patent on 18 November 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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P.J.JANE CYPRIYANA of Department of Biotechnology, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai Chennai TamilNadu- 600119 India

Title of invention:

SYNTHESIS OF GOLD NANOPARTICLE USING HYLOCEREUS UNDATUS PEEL EXTRACT

Name of inventor(s):

MUTHIAH, BAVANILATHA; NACHIYAR, VALLI; M.SELVAM; KARTHIKEYAN.B; SAMROT, ANTONY V.; IYAPPAN, PETCHI; RENITTA.R, EMILIN; SAIGEETHA.S and J., JANE CYPRIYANA P.

Term of Patent:

Eight years from 15 October 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 18th day of November 2020

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103513

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Name and address of patentee(s):

HUMCEN CO of Research and Development Division, West Tambaram Chennai Tamil Nadu- 600045 India
C. SATHIYAVEL of Research Associate, R&D Division, HumCen Co Chennai TamilNadu- 600045 India
M. RANJITH KUMAR of Assistant Professor (Sr Gr.), Department of Mathematics, Amrita School of Engineering Chennai, TamiNadu, India
M. PRAKASH of Professor, Department of Computer Science and Engineering, Karpagam College of Engineering Coimbatore TamilNadu- 641032 India
M. GAJENDIRAN of New No.5, Old No.14, First cross, Minor Trustpuram, Choolaimedu Chennai TamilNadu- 600094 India
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V. KANNAN of No.11/104, South Ull Veethi, Bhrama Theerthakarai, T.V. Koil Trichy TamilNadu- 620005 India
M. P. SENTHIL KUMAR of 223, Gandhi Nagar, 5th cross Dharmapuri TamilNadu- 636 701 India

Title of invention:

A NOVEL STICKER TO DETECT SPECIFIED MAXIMUM RANGE IN THE TEMPERATURE SENSITIVE PRODUCTS

Name of inventor(s):

SATHIYAVEL, C.; RANJITH KUMAR, M.; PRAKASH, M.; GAJENDIRAN, M.; PALANI, KUMARAN; MUTHIAH, BAVANILATHA; KANNAN, V. and SENTHIL KUMAR, M. P.

Term of Patent:

Eight years from 18 November 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 13th day of January 2021

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021106882

The Commissioner of Patents has granted the above patent on 24 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

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SANJAY PREETH R of Sathyabama Institute of Science and Technology Chennai TamilNadu 600119 India

Title of invention:

METHOD TO REMOVE CHROMIUM BY SURFACE-ENGINEERED SUPER-PARAMAGNETIC IRON OXIDE
NANOPARTICLES

Name of inventor(s):

SAMROT, ANTONY V.; A., JENIFER SELVARANI; MUTHIAH, BAVANILATHA; S., ABIRAMI; S., DHIVA; N.,
SHOBANA; S., SAIGEETHA; XAVIER, SNEHA; D., RAJALAKSHMI; M., SATHIYA SREE; S., KRITHIKA SHREE
and R., SANJAY PREETH

Term of Patent:

Eight years from 24 August 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 24th day of November 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.

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



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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021107024

The Commissioner of Patents has granted the above patent on 1 December 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Title of invention:

A METHOD FOR PREPARATION OF Catharanthus Roseus PLANT EXTRACT AND ITS CHARACTERIZATION ASSAY

Name of inventor(s):

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Dated this 1st day of December 2021

Commissioner of Patents