



Australian Government
IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102643

The Commissioner of Patents has granted the above patent on 11 November 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

JAGANNATH JADHAV of KLECET CHIKODI, Belagavi Belagavi KARNATAKA 591201 India

SURAPUDI SRINIVASA RAO of MRCET, Maisammauda, Dhulapally, Kompally, Hyderabad Secunderabad
Telangana 500100 India

PRASAD B RAMPURE of KLECET, Chikodi Belagavi Karnataka 591201 India

PUNEET H CHAMAKERI of KLE S J N Medical College, Nehru Nagar Belagavi Karnataka 590010 India

ARATI PATIL of Hno 90-1 Zari Gali, Inamdar Peth Athani Belagavi Karnataka 591304 India

AMRUTA P SONAVALE of No 5, KLECET Staff Quaters, KLECET Chikodi Belagavi Karnataka 591201 India

RANJIT H D of Sudhama House, Balanja Post, Balanja Village, Belthangady Taluk Dakshina Kannada
Karnataka 574217 India

VEERA CHINNADURAI of Daniel Thomas Street, Palayamkottai Tirunelveli Tamilnadu India

RUBINA JAHANGIR KHAN of 7 Panjat Complex, 158/A Railway Lines Solapur Maharashtra India

Title of invention:

NLP-ARTIFICIAL INTELLIGENCE BASED AUTOMATIC DETECTION OF INFECTION RATE OF PANDEMIC
DISEASES (COVID-19)

Name of inventor(s):

JADHAV, JAGANNATH; RAO, SURAPUDI SRINIVASA; RAMPURE, PRASAD B; CHAMAKERI, PUNEET H;
PATIL, ARATI; SONAVALE, AMRUTA P.; H. D., RANJIT; CHINNADURAI, VEERA and KHAN, RUBINA
JAHANGIR

Term of Patent:

Eight years from 8 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 120A of the Patents Act 1990, set out on the reverse of this document.



Dated this 11th day of November 2020

Commissioner of Patents

PATENTS ACT 1990

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 unjustified; and
(b) an injunction against the continuance of the threats and

ATTESTED

Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041007572 A

(19) INDIA

(22) Date of filing of Application :21/02/2020

(43) Publication Date : 06/03/2020

(54) Title of the invention : A METHODOLOGY AND A DEVICE TO DETECT THE EFFICIENT VEIN FOR IV CANNULA INSERTION USING IMAGE PROCESSING

(51)

International Classification : A61B0005150000, A61M0005320000, A61M0039280000, G06K0009000000, A61M0005420000

(31)

Priority Document No : NA

(32)

Priority Date : NA

(33) Name of priority country

: NA

(86)

International Application No

(87)

International Publication No

(61) Patent of Addition to Application Number

: NA

Filing Date

(62)

Divisional Application Number

: NA

Filing Date

(61) Patent of Addition to Application Number

: NA

Filing Date

(62)

Divisional Application Number

: NA

Filing Date

(61) Patent of Addition to Application Number

: NA

Filing Date

(62)

Divisional Application Number

: NA

Filing Date

(57) Abstract :

A methodology and a device to detect the efficient vein for IV cannula insertion using image processing techniques is a user friendly technique to identify prominent veins and prick the particular vein painlessly. The proposed invention includes a local anesthesia that will be displaced on the pricking surface once the device identifies the prominent vein that supports the free flow of IV Fluids through the vein. It is tedious task for nurse or doctors to get the efficient vein when the patient is hospitalized and treated with IV Fluids. When the patient is dehydrated the veins will not be visible which will result in multiple painful pricks. The invention includes lights to image the veins and pattern recognition techniques will prick the vein and indicate the nurse through a green LED Light that the IV Cannula insertion procedure has been completed.

No. of Pages : 21 No. of Claims : 8

(71) Name of Applicant :

1) AMRUTA P SONAVALE

Address of Applicant : W/O

JAGANNATH K JADHAV, VITHAL

TEMPLE .

KANNOLLI, TQ: JAMAKHANDI, D: BAGAL

KOT KARNATAKA, INDIA Karnataka India

2) Dr. ARATI PATIL

3) Dr. PUNEET H CHAMAKERI

4) JAGANNATH K JADHAV

(72) Name of Inventor :

1) JAGANNATH K JADHAV

2) AMRUTA P SONAVALE

3) Dr. PUNEET H CHAMAKERI

4) Dr. ARATI PATIL

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 10/2020
ISSUE NO. 10/2020

शुक्रवार
FRIDAY

दिनांक: 06/03/2020
DATE: 06/03/2020

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal No. 10/2020 Dated 06/03/2020

12357

ATTESTED


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

6TH MARCH, 2020

The Patent Office Journal No. 10/2020 Dated 06/03/2020

12358

ATTESTED


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

CONTENTS

<i>SUBJECT</i>	<i>PAGE NUMBER</i>
JURISDICTION	: 12360 – 12361
SPECIAL NOTICE	: 12362 – 12363
EARLY PUBLICATION (DELHI)	: 12364 – 12412
EARLY PUBLICATION (MUMBAI)	: 12413 – 12449
EARLY PUBLICATION (CHENNAI)	: 12450 – 12512
PUBLICATION AFTER 18 MONTHS (DELHI)	: 12513 – 12895
PUBLICATION AFTER 18 MONTHS (MUMBAI)	: 12896 – 13028
PUBLICATION AFTER 18 MONTHS (CHENNAI)	: 13029 – 13305
PUBLICATION AFTER 18 MONTHS (KOLKATA)	: 13306 – 13329
WEEKLY ISSUED FER (DELHI)	: 13330 – 13404
WEEKLY ISSUED FER (MUMBAI)	: 13405 – 13447
WEEKLY ISSUED FER (CHENNAI)	: 13448 – 13534
WEEKLY ISSUED FER (KOLKATA)	: 13535 – 13555
PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)	: 13556
AMENDMENT UNDER SECTION 57(KOLKATA)	: 13557
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	: 13558 – 13580
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	: 13581 – 13594
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	: 13595 – 13616
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	: 13617 – 13630
INTRODUCTION TO DESIGN PUBLICATION	: 13631
THE DESIGNS ACT, 2000 SECTION 30 DESIGN ASSIGNMENT	: 13632
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000 & DESIGNS (AMENDMENT) RULES, 2008	: 13633
REGISTRATION OF DESIGNS	: 13634 - 13737

The Patent Office Journal No. 10/2020 Dated 06/03/2020

12359

ATTESTED


Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

THE PATENT OFFICE
KOLKATA, 06/03/2020

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1	Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in	4	The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli	5	The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in ❖ Rest of India
3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075 Phone: (91)(11) 25300200 & 28032253 Fax: (91)(11) 28034301 & 28034302 E-mail: delhi-patent@nic.in ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		

Website: www.ipindia.nic.in

www.patentoffice.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

The Patent Office Journal No. 10/2020 Dated 06/03/2020

12360

ATTESTED


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 01/01/2020

(21) Application
No. 202041000037 A

(43) Publication Date :
24/01/2020

(54) Title of the invention : BRAIDED STAINLESS STEEL TORQUING AUXILIARY AS A SUBSTITUTE TO FOUR SPUR TORQUING AUXILIARY IN BEGG TREATMENT

(51)
International : A61C0007000000, A61C0007120000, A61C0007140000, A61M0025090000, A61C0007040000
classification
(31) Priority
Document : NA
No
(32) Priority : NA
Date
(33) Name
of priority : NA
country
(86)
International
Application : NA
No : NA
Filing
Date
(87)
International
Publication : NA
No
(61) Patent
of Addition
to
Application : NA
Number : NA
Filing
Date
(62)
Divisional to
Application : NA
Number : NA
Filing
Date

(71) Name of Applicant
:
1) Dr. TEJASHRI
PRADHAN
Address of
Applicant
: DEPARTMENT OF
ORTHODONTICS,
KLE VK INSTITUTE
OF DENTAL
SCIENCES, KAHER,
BELAGAVI Karnataka
India
2) Dr VIJAY
JAYADE
(72) Name of Inventor :
1) Dr. TEJASHRI
PRADHAN
2) Dr VIJAY
JAYADE

(57) Abstract :

The present invention relates generally to the field of orthodontics. It particularly relates to the development of a braided stainless steel torquing auxiliary as a substitute to four spur torquing auxiliary in the refined Begg technique. More particularly, the invention relates to the development of method for fabrication torquing auxiliary as a substitute to four spur torquing auxiliary in Begg treatment. Rectangular sectional wire was cut from anterior part of preformed lower arch wire and with the curvature maintained in the original preformed arc. The wire was engaged before the base wire in the ribbon mode and is comparable to the four spur torquing auxiliary. This auxiliary is equivalent to the four spur torquing auxiliary which is used in modern refined Begg technique for torquing of the anterior teeth in the third stage of fixed orthodontic treatment. Ideal labio-lingual inclinations of the teeth at the finish of appliance therapy are very important for obtaining stable results. The Begg torquing auxiliary (usually having four spurs, sometimes two spurs) used in the III stage provides optimum force to improve the axial inclination of anterior teeth. The desired maxillary and mandibular incisor inclinations, through their inter incisal angle, not only increases the post treatment stability, but also enhances facial and dental esthetics.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 04/2020 Dated 24/01/2020

ATTESTED

4664

Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application
No.2019/1054451 A

(19) INDIA

(22) Date of filing of Application :20/12/2019

(43) Publication Date : 10/01/2020

(54) Title of the invention : GLYCYRRHIZA GLABRA GEL AS AN INTRA CANAL MEDICAMENT IN ENDO DONTIC TREATMENT OF PERMANENT TEETH

(51)
International Classification
No. NA
(11) Priority Document No. NA
(12) Priority Date NA
(13) Name of priority country NA
(55) International Application No. NA
Filing Date NA
(17) International Publication No. NA
(51) Patent of Addition No. NA
Filing Date NA
(52) Divisional Application Number NA
Filing Date NA

(71) Name of Applicant :
1)Dr. KSHIPRA TAMHANKAR
Address of Applicant
DEPARTMENT OF CONSERVATIVE DENTISTRY & ENDO DONTICS, KLE VISHWANATH KATTL INSTITUTE OF DENTAL SCIENCES, KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, NEHRU NAGAR, BELAGAVI - 590 010, KARNATAKA, INDIA. Karnataka India
2)Dr. NEHA S. DHADED
3)Dr. PREETI K. DODWAD
4)J.L.B. BOLMAL
5)SHARVARI TAMHANKAR
6)Dr. SUNIL V. DHADED
(72) Name of Inventor :
1)Dr. KSHIPRA TAMHANKAR
2)Dr. NEHA S. DHADED
3)Dr. PREETI K. DODWAD
4)J.L.B. BOLMAL
5)SHARVARI TAMHANKAR
6)Dr. SUNIL V. DHADED

(57) Abstract :
The present invention relates to the development of intracanal medication formulation with extract of root or plant by endodontic treatment of permanent teeth. It particularly relates to the development of gel formulation with 15% (w/w) powdered extract of Glycyrrhiza glabra/liquorice against antibiotic bacteria especially E. faecalis for endodontic treatment of adult permanent teeth. The invention also pertains to the development process for the preparation of gel formulation with carbonyl diethylacrylate for intracanal application in permanent teeth. The intracanal gel formulation of the present invention has good antibacterial action with minimal cytotoxicity effect in both *in vitro* and *in vivo* conditions. Glycyrrhiza glabra liquorice gel formulation has promising benefits and could be used as intracanal medication by overcoming the bacterial resistance with antibiotic agents for endodontic treatment of permanent teeth.

No. of Pages : 30 No. of Claims : 10

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act,1956)
Belagavi-590 010,Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941026095 A

(19) INDIA

(22) Date of filing of Application :30/06/2019

(43) Publication Date : 03/07/2020

(54) Title of the invention : ADVANCED AUTOMATED SYSTEM OR INSTRUMENT FOR THERAPEUTIC EMESIS

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000	(71)Name of Applicant : 1)Dr. B Sreenivasa Prasad Address of Applicant :KAHER™s Shri BMK Ayurveda Mahavidyalaya, Shahapur, Belagavi Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Dr. B Sreenivasa Prasad
(33) Name of priority country	:NA	2)Dr Basavraj Katageri
(86) International Application No	:NA	3)Dr Koralli Anil
Filing Date	:NA	4)Dr Rajashri Khanai
(87) International Publication No	: NA	5)Dr Sheela Kore
(61) Patent of Addition to Application Number	:NA	6)Ms. Swati Pai
Filing Date	:NA	7)Ms. Priya Shirahatti
(62) Divisional to Application Number	:NA	8)Mr. Chetan Patange
Filing Date	:NA	9)Mr. Santosh Hiremath

(57) Abstract :

ADVANCED AUTOMATED SYSTEM OR INSTRUMENT FOR THERAPEUTIC EMESIS Abstract: The present invention relates to the development of advanced automated system or instrument or apparatus or device or equipment for carrying out the Therapeutic Emesis (Vamana Karma) which will make the process of Vamana Karma effective and modernize the Ayurveda practices. More particularly, the invention relates to the development of advanced automated system or instrument or apparatus or device or equipment for carrying out the Therapeutic Emesis having the automatic height adjustable table along with hygienic modern sink along with the display of the required parameters such as weight, viscosity, pH and temperature of the vomitus values instantaneously. The invention also pertains to the development of method for practicing the use of advanced automated system or instrument or apparatus or device or equipment for carrying out the Therapeutic Emesis.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 27/2020 Dated 03/07/2020

ATTESTED

25011


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941026096 A

(19) INDIA

(22) Date of filing of Application :30/06/2019

(43) Publication Date : 03/07/2020

(54) Title of the invention : ADVANCED FLUID HANDLING SYSTEM FOR THERAPEUTIC EMESIS

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000	(71)Name of Applicant : 1)Dr. B Sreenivasa Prasad Address of Applicant :KAHER™s Shri BMK Ayurveda Mahavidyalaya, Shahapur, Belagavi Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Dr. B Sreenivasa Prasad
(33) Name of priority country	:NA	2)Dr Basavraj Katageri
(86) International Application No	:NA	3)Dr Koralli Anil
Filing Date	:NA	4)Dr Rajashri Khanai
(87) International Publication No	: NA	5)Dr Sheela Kore
(61) Patent of Addition to Application	:NA	6)Ms. Swati Pai
Number	:NA	7)Ms. Priya Shirahatti
Filing Date	:NA	8)Mr. Chetan Patange
(62) Divisional to Application Number	:NA	9)Mr. Santosh Hiremath
Filing Date	:NA	

(57) Abstract :

Abstract: The present invention relates to the development of advanced fluid handling system or sink for carrying out the Therapeutic Emesis (Vamana Karma) which will make the process of Vamana Karma hygienic, effective and modernize the Ayurveda practices. More particularly, the invention relates to the development of advanced fluid handling system in that vomitus must not rebound back and hygienic. The modern advanced fluid handling system or sink for carrying out the Therapeutic Emesis can be connected with the devices for analyzing the required parameters such as weight, viscosity, pH and temperature. The invention also pertains to the development of method for practicing the use of advanced fluid handling system or sink for carrying out the Therapeutic Emesis.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 27/2020 Dated 03/07/2020

ATTESTED

25012

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010,Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941026097 A

(19) INDIA

(22) Date of filing of Application :30/06/2019

(43) Publication Date : 03/07/2020

(54) Title of the invention : AUTOMATIC CLEANING SYSTEM FOR SINK IN THERAPEUTIC EMESIS

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000	(71)Name of Applicant : 1)Dr. B Sreenivasa Prasad Address of Applicant :KAHER™s Shri BMK Ayurveda Mahavidyalaya, Shahapur, Belagavi Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Dr. B Sreenivasa Prasad
(33) Name of priority country	:NA	2)Dr Basavraj Katageri
(86) International Application No	:NA	3)Dr Koralli Anil
Filing Date	:NA	4)Dr Rajashri Khanai
(87) International Publication No	: NA	5)Dr Sheela Kore
(61) Patent of Addition to Application	:NA	6)Ms. Swati Pai
Number	:NA	7)Ms. Priya Shirahatti
Filing Date	:NA	8)Mr. Chetan Patange
(62) Divisional to Application Number	:NA	9)Mr. Santosh Hiremath
Filing Date	:NA	

(57) Abstract :

AUTOMATIC CLEANING SYSTEM FOR SINK USED IN THERAPEUTIC EMESIS Abstract: The present invention relates to the development of automatic cleaning system for sink in carrying out the Therapeutic Emesis (Vamana Karma) which will make the process of Vamana Karma hygienic, effective and modernize the Ayurveda practices. More particularly, the invention relates to the development of automatic cleaning system for sink having a rotatory cleaning system which will clean the sink automatically. The modern advanced automatic cleaning system for sink in carrying out the Therapeutic Emesis is connected to the water pumping system, water oozing from these outlets will help in cleaning. The invention also pertains to the development of method for practicing the use of automatic cleaning system for sink in carrying out the Therapeutic Emesis process.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 27/2020 Dated 03/07/2020

ATTESTED

25013

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi 590 040 Karnataka

☎ : 0831-2488865

K.L.E. Society's

Fax : 0831-2424157

AYURVED PHARMACY

Uppar Galli, Khasbag, BELAGAVI - 590 004. (karnataka)

ಕೆ. ಎಲ್. ಇ. ಸಂಸ್ಥೆಯ

ಆಯುರ್ವೇದ ಫಾರ್ಮಸಿ

ಉಪ್ಪಾರ ಗಲ್ಲಿ, ಖಾಸಬಾಗ, ಬೆಳಗಾವಿ-590 004. (ಕರ್ನಾಟಕ)

Email :
klepharma@yahoo.com



Ref. No. KLE/AP/05/2020-21

Date: 26/06/2020.

To CRF/Dnward/136/2020-21

The Principal,

KAHER'S Shri. B. M. K. Ayurved Mahavidyalaya
Shahapur Belagavi

Sub: Commercialization of products reg..

Ref : i) College letter No.BMK/2020-21/193 dtd 01/06/2020.

ii) H.O letter No. PC/1062 dtd 06/06/2020.

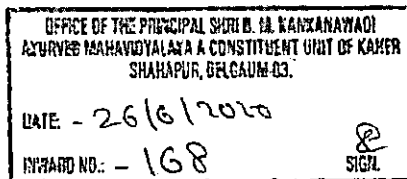
Dear Sir

We are highly thankful to considering our pharmacy for commercialization of the products developed by your institutional R & D activities. However we are please to inform you that our pharmacy has decided to procure the following three products against the amount shown below

SN	Activity	License obtained as	Year	Amount
1	Development of instant form of Tambulasevana yoga and its analytical study"	AYUSH STAR	2015	30,000/-
2	A Randomized Controlled trial to Evaluate the Lithotriptic action of Mutrala kashaya in Mootraashmari w.s.r. Urinary Calculi	Urolithonil powder & Kashaya	2017	30,000/-
3	A Randomized Clinical Trial to Evaluate Vranashodhana And Vranaropana Effect of Panchavalkaladi Kashaya Over 5% Povidone Iodine Solution in Postoperative Anorectal Wounds	Paentabark Kashaya	2018	40,000/-
Total				1,00,000/-

Please find the cheque bearing no 903851 dated 25/06/2020 for amount Rs.1,00,000/- in favor of The Principal KAHER'S BMK AYURVED MAHAVIDHYALAYA purchasing of above products IPR consultancy charges. Please acknowledge the same.

Thanking you.



Your truly

Ch
MEDICAL DIRECTOR
K.L.E. Society's
Ayurved Pharmacy
Khasbag, Belagavi - 4 ATTESTED

Dr. V.A.Kothiware
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act,1956)
Belagavi-590 010,Karnataka



CUBENTURE INNOTECH PVT LTD

CUBENTURE INNOTECH Pvt. Ltd. Plot no. 20, survey no. 3-15, Shri Ram Building, KLE Engineering College
Road, Udyambag, Belagavi, Karnataka - 590008
GSTIN: 29AAICC3870HIZE Ph no.: +91 9108032972
Email: cubenture.innotech@gmail.com

Ref: Cubenture/2019-20/004

Date: 22/2/2020

To,
The Principal,

KAHER Shri B M Kankanwadi,
Ayurvedic Mahavidyala,
Shahapur Belagavi, Karnataka.

Sub: Technology acceptance and Commercialization of Vamana Instrument with
Ref No: BMK/1795/2019-20 dated 20/2/2020.

Dear Sir,

We are grateful for considering Cubenture Innotech Pvt Ltd to be associated with you. We are also pleased to inform you that, we have accepted the transfer of Vamana Yantra technology, an instrument for Therapeutic Emesis (patent pending), developed by Dr. APJ Abdul Kalam Ayurtech Incubation Centre of your Institute and KLE's Dr M S Sheshigiri College of Engineering and Technology.

For commercialization we will be further developing the vamana yantra as per the current market requirements.

Note: The revenue sharing will be decided on the basis of the Sales of the Product with Mutual Consent.

Thanking you,

Yours Truly,

For, Cubenture Innotech Pvt. Ltd


Authorized Signatory

ATTESTED

Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

☎ 0831-2424157

K.L.E. Society's

Fax : 0831-2424157



AYURVED PHARMACY

Uppar Galli, Khasbag, BELGAVI-590 004. (Karnataka)

ಕೆ.ಎಲ್.ಇ. ಸಂಸ್ಥೆಯ

ಆಯುರ್ವೇದ ಫಾರ್ಮಸಿ

ಉಪ್ಪಾರ ಗಲ್ಲಿ, ಖಾಸಬಾಗ, ಬೆಳಗಾವಿ-590 004. (ಕರ್ನಾಟಕ)



Email: klephanna@yahoo.com

Ref. No. KLE/Ar/09/2020-21

Date: 29/06/2020

To.

The Principal

KAHER's Shri. B. M. K. Ayurved Mahanvidyalaya

Shahpur Belagavi

Sub: Consent for Commercialization of R & D activities reg..

Ref: BMK/ 2020-21/193 dated 01/06/2020

Dear Sir


We are highly thankful to considering our pharmacy for commercialization of the your institutional R & D activities. However we are pleased to inform you that our pharmacy has decided to undertake the following R & D activities for Commercialization.

1. Development of Suspension form of Vyoshadichurna and its analytical study.
2. Development of Antidandruff cream by Amrabejadilepa and its Physico- Chemical study.
3. Development of Manjisiha gel (M-Gel) and it's physico-chemical analysis.
4. Comparative physico-Chemical evaluation of Avipattikarachurna and its developed form of syrup

The revenue sharing will be decided on the basis of sales of products after licensing of products with mutual consent

Thanking you

Yours truly


MEDICAL DIRECTOR
K.L.E. Society's
Ayurved Pharmacy
(Khasbag, Belagavi)

ATTESTED


Dr. V.A. Kothiwale
Registrar

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2019/1043681 A

(19) INDIA

(22) Date of filing of Application :28/10/2019

(43) Publication Date : 15/11/2019

(54) Title of the invention : PHYTOPHARMACEUTICAL DENTURE CLEANSING FORMULATION

(51) International classification	:A01N65/44	(71)Name of Applicant : 1)Dr. RAGHUNATH PATIL Address of Applicant :DEPARTMENT OF PROSTHODONTICS ANDCROWN AND BRIDGE, KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH'S KLE V.K. INSTITUTE OF DENTAL SCIENCES, NEHRU NAGAR, JNMC CAMPUS, BELAGAVI Karnataka India 2)Dr. TEJASHREE R CHOUGULE 3)Mr.U.B.BOLMAL 4)Dr.Mrs. S.C.METGUD
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Dr. RAGHUNATH PATIL 2)Dr. TEJASHREE R CHOUGULE 3)Mr.U.B.BOLMAL 4)Dr.Mrs. S.C.METGUD
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract .

The present invention relates to the development of phytopharmaceutical denture cleansing formulation. It particularly relates to the development of phytopharmaceutical denture cleansing tablet formulation with extracts of Ocimum sanctum and Cymbopogon citratus and their dental applications. It specifically relates to the development of phytopharmaceutical denture cleansing tablet formulation against Candida albicans. The invention also pertains to the development of process for preparation of phytopharmaceutical tablet formulation with aqueous extracts for dental applications. Phytopharmaceutical denture cleansing formulation comprising effective amount of extracts of Ocimum sanctum and Cymbopogon citratus along with one or more excipients or carriers. Process for preparation of phytopharmaceutical denture cleansing formulation comprising mixing of effective amount of extracts of Ocimum sanctum and Cymbopogon citratus with one or more excipients or carriers to form the formulation.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 46/2019 Dated 15/11/2019

ATTESTED

53983

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941047544 A

(19) INDIA

(22) Date of filing of Application :21/11/2019

(43) Publication Date : 06/12/2019

(54) Title of the invention : NANO BIO GEL OF GARCINIA MANGOSTANA (MANGOSTEEN)

(51) International classification	:A01H1/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.PRASHANT A KARNI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PROSTHODONTICS ANDCROWN &BRIDGE, KLE
(86) International Application No	:NA	ACADEMY OF HIGHER EDUCATION AND RESEARCH'S
Filing Date	:NA	(KAHER) V.K. INSTITUTE OF DENTAL SCIENCES, NEHRU
(87) International Publication No	: NA	NAGAR, JNMC CAMPUS, BELAGAVI KARNATAKA-590010
(61) Patent of Addition to Application Number	:NA	Karnataka India
Filing Date	:NA	2)DR.AAYUSH K SHAH
(62) Divisional to Application Number	:NA	3)MR.U.B. BOLMAL
Filing Date	:NA	4)DR.(MRS)S.C.METGUD
		(72)Name of Inventor :
		1)DR.PRASHANT A KARNI
		2)DR.AAYUSH K SHAH
		3)MR.U.B. BOLMAL
		4)DR.(MRS)S.C.METGUD

(57) Abstract :

The present innovative invention relates to the development of Nano bio gel incorporated with Garcinia Mangostana (Mangosteen) in dental applications. It specifically relates to the development of Garcinia Mangostana (Mangosteen) incorporated Nano Bio Gel against Porphyromonas gingivalis and Staphylococcus aureus. The invention also pertains to the development of process for preparation of Garcinia Mangostana (Mangosteen) incorporated Nano Bio Gel for therapeutic and preventive purposes in dental applications. Nano biogel formulation for prevention and treatment of peri implantitis comprising effective amount of extract of nano bio particles of mangosteen and gelling agent or excipients or carriers along with preservatives.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 49/2019 Dated 06/12/2019

ATTESTED

57310

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act,1956)
Belagavi-590 010,Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941011167 A

(19) INDIA

(22) Date of filing of Application :22/03/2019

(43) Publication Date : 29/03/2019

(54) Title of the invention : CHITOSAN BASED SUSTAINED RELEASE GINGIVAL PATCH CONTAINING ACECLOFENAC AS A NOVEL LOCALIZED DRUG DELIVERY SYSTEM FOR PAIN MANAGEMENT POST PERIODONTAL SURGERY

(51) International classification :A61M37/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Dr. SHAILA KOTHIWALE

Address of Applicant :DEPARTMENT OF PERIODONTICS,
KLE V K INSTITUTE OF DENTAL SCIENCES, KLE
UNIVERSITY, NEHRU NAGAR, JNMC CAMPUS, BELGAVI
Karnataka India

2)Dr. MEGH MEHTA

3)Mr. BHASKAR KURANGI

(72)Name of Inventor :

1)Dr. SHAILA KOTHIWALE

2)Dr. MEGH MEHTA

3)Mr. BHASKAR KURANGI

(57) Abstract :

Periodontitis is a globally prevalent inflammatory disease characterized by periodontal tissue destruction. Periodontal disease continues to be one of the principle problems of mankind. Thus it is advocated to diagnose and treat the periodontal diseases in early stage. The main purpose of the periodontal therapy is to eliminate inflammatory processes in order to arrest the progression of the disease and keep the dentition in the state of health. Periodontal therapy includes surgical and nonsurgical approaches. The post-surgical therapy is followed with the prescription of systemic analgesics to eliminate the pain. Systemic administration of the analgesics leads to needless distribution to the other parts of the body. It also showcases the inability to maintain the therapeutic concentration of the analgesics in the gingival crevicular fluid, where the systemic administration can limit its effectiveness. Patient compliance is also a recognized drawback of the systemic administration. A few patients do have adverse effects with systemic analgesics like gastrointestinal adverse effects like bleeding, ulceration, and perforation. Over the last decade local drug delivery systems have been optimized in attempts to treat periodontal disease. Local application of the drugs increases the drug concentration at the site of application, increasing localized concentration, extends the time of drug delivery as well as the prevention of the systemic complication. Other advantages offered are patient compliance, ease of application, etc. Accordingly to the design, this innovative drug delivery system, improves patient compliance, favors a more intimate contact of the drug with the absorptive mucosa and plays a vital role in relieving pain. NSAIDs are the most commonly prescribed drugs in post-surgical procedures. Nonsteroidal anti-inflammatory drugs (NSAID) inhibit the synthesis of prostaglandins and reduce inflammatory reaction and nociceptive stimuli and thus contribute to the control of pain. Of the NSAID currently available, aceclofenac has a potent analgesic, antipyretic and anti-inflammatory action. It also inhibits PG synthesis & has short lasting antiplatelet action and is thus drug of choice. Aceclofenac (ACE) was developed by chemical modification to enhance the tolerability of diclofenac and decrease the common side effects. Hence, the study aims to formulate and evaluate the efficacy of the chitosan based sustained release gingival patch containing aceclofenac for pain management post periodontal surgical therapy. To minimize the fore mentioned adverse effects caused by the systemic analgesics the study was conducted to formulate the chitosan based sustained release gingival patch containing aceclofenac of which 1x1cm contained 10 mg of drug. The clinical study was conducted in 19 patients at bilateral sites considering inclusion and exclusion criterias. The study included test and control groups. In the test group post periodontal surgery the chitosan based sustained release patch was applied on the gingiva at the surgical site followed by the placement of the periodontal pack. Whereas in the control group only the periodontal pack was applied at the post-operative surgical site after periodontal surgery and they were prescribed the analgesic (aceclofenac 100mg) twice daily for 3 days once they experienced pain. The post-operative pain was assessed using Wong-Baker faces pain rating scale at varied time intervals for 24 hours. The results showed that the patients in the test group had no pain whereas the patient in the control group had mild pain owing they were prescribed oral analgesics (Aceclofenac 100mg) Thus it can be concluded that chitosan based sustained release gingival patch containing aceclofenac can be effectively used as local drug delivery agent at the surgical site to relieve the pain and discomfort post periodontal surgeries.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 13/2019 Dated 29/03/2019

14078

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
Deemed to be University u/s 3 of the UGC Act, 1956
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941047908 A

(19) INDIA

(22) Date of filing of Application :22/11/2019

(43) Publication Date : 13/12/2019

(54) Title of the invention : DENTAL VARNISH COMPOSITION, METHODS OF PREPARATION AND USE THEREOF

(51) International classification :C03C3/097
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Dr. Sankeshwari Roopali Manohar

Address of Applicant :Department of Public Health Dentistry,
KLE V.K. Institute of Dental Sciences, KLE Academy of Higher
Education and research, Nehru Nagar, JNMC Campus, Belagavi
Karnataka India

(72)Name of Inventor :

1)Dr. Kishore Bhat

2)Udaya Bolmal

3)Dr. Venakata Siva Naga Malleswara Rao Peram

4)Dr. Anil V Ankola

5)Dr. Sankeshwari Roopali Manohar

(57) Abstract :

Dental varnish composition, methods of preparation and use thereof Although the anti-cariogenic properties of Licorice have been suggested for over 30 years, it has not been tested in a dosage form that can be used in public health programs. Hence, the present invention presents the details of Licorice varnish, its preparation and its comparison with Fluoride varnish. A combination varnish may provide more benefits by suppressing the acidogenic bacteria in addition to accelerating the re-mineralization process of white spot lesions. Thus, the present invention also provides combination varnishes comprising Licorice varnish and Fluoride varnish.

No. of Pages : 32 No. of Claims : 10

The Patent Office Journal No. 50/2019 Dated 13/12/2019

59209

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act,1956)
Belagavi-590 010,Karnataka



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044125539
SL No :



पेटेंट सं. / Patent No. : 354405
आवेदन सं. / Application No. : 201941047908
फाइल करने की तारीख / Date of Filing : 22/11/2019
पेटेंटी / Patentee : Dr. Sankeshwari Roopali Manohar

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित DENTAL VARNISH COMPOSITION, METHODS OF PREPARATION AND USE THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 22nd day of November 2019 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled DENTAL VARNISH COMPOSITION, METHODS OF PREPARATION AND USE THEREOF as disclosed in the above mentioned application for the term of 20 years from the 22nd day of November 2019 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 23/12/2020
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 22nd day of November 2021 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note.- The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 22nd day of November 2021 and on the same day in every year thereafter.

ATTESTED

Dr. V.A. Kothwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka



(<http://ipindia.nic.in/index.htm>)

Patent Search

Invention Title: CISPLATIN NANOPARTICLE COMPOSITION AND METHOD FOR THE PREPARATION THEREOF
 Publication Number: 21/2019
 Publication Date: 24/05/2019
 Publication Type: INA
 Application Number: 2017E1041197
 Application Filing Date: 17/11/2017
 Priority Number:
 Priority Country:
 Priority Date:
 Field Of Invention: PHARMACEUTICALS
 Classification (IPC): A61K31/00; A61K9/00;

Inventor:

Name	Address	Country	Nat
Dr. Sarasya Suresh	Institute for Drug Delivery & Biomedical Research (IDBR), #443, 2nd Floor, West of Chord Road, II Stage, Mahalaxmipuram, Bangalore, Karnataka, India-560086.	India	INDIA
Dr. Vishal Uchala Shishir Rao	K301 Kasba Block, 2761 Raj Lakeview Apartments, 29th Main Road, NS Palya, BTM 2nd Stage, Bangalore, Karnataka, India-560076.	India	INDIA
Dr. H. N. Shivakumar	Institute for Drug Delivery & Biomedical Research (IDBR), #443, 2nd Floor, West of Chord Road, II Stage, Mahalaxmipuram, Bangalore, Karnataka, India-560086.	India	INDIA
Dr. S. Narasimha Murthy	Institute for Drug Delivery & Biomedical Research, 179, Triveni Road, Ramamurthy Nagar, Bangalore, Karnataka, India-560018.	India	INDIA

Applicant:

Name	Address	Country	Nat
Dr. Vishal Uchala Shishir Rao	K301 Kasba Block, 3761 Raj Lakeview Apartments, 29 th Main Road, NS Palya, BTM 2 nd Stage, Bangalore-560 076	India	INDIA
Dr. Sarasya Suresh	#916, Shivasri, 18th A Main, V th Block, Rajajinagar, Bangalore-560 010, Karnataka, India	India	INDIA

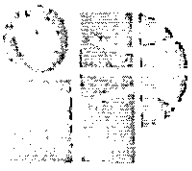
Abstract

[0046] Cisplatin nanoparticle composition and a method for the preparation thereof [0047] The present disclosure relates to cisplatin nanoparticle composition and a method for the preparation thereof. A phospholipid complex of cisplatin is prepared for increased absorption, followed by the phospholipid complex is converted into nano particles by choosing appropriate solvents, incorporation of lipids, stabilizers under optimum conditions of agitation, temperature and solvent evaporation under reduced pressure. The incorporation of lipids and stabilizers for the formulation of nanoparticles based cisplatin leads to the formation of micelles and mixed micelles that enhance the cisplatin absorption into systemic circulation because of the nano size and by lymphatic transport. The nanoparticle based composition of cisplatin that is administered orally is effective, convenient and affordable to the patient (FIG 1)

ATTESTED

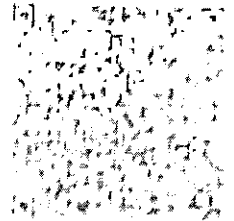
Dr. V. A. Kothiwale
 Registrar

KLE Academy of Higher Education and Research,
 (Deemed-to-be-University u/s 3 of the UGC Act, 1956)
 Belagavi-590 010, Karnataka



भारतीय
संपत्ति विभाग
भारत सरकार

आपत्ति संख्या 014112229
SL. No.

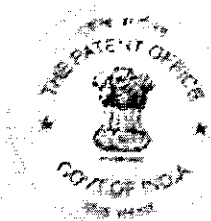


भारत सरकार
GOVERNMENT OF INDIA
संस्कृत विभाग
THE PATENT OFFICE
आपत्ति प्रमाणपत्र
PATENT CERTIFICATE
(अनु. 13(1)(b) के अन्तर्गत)

आपत्ति संख्या No. 310878
आपत्ति सं. आ. संख्या No. 2713/CHE/2012
आपत्ति प्रमाणपत्र दिनांक Date of Grant 04/07/2012
आपत्ति आवेदनकर्ता Patented By T INDIAN INSTITUTE OF SCIENCE & KLE ACADEMY OF HIGHER EDUCATION & RESEARCH COLLEGE OF PHARMACY

जनांकित किया जाता है कि पेटेन्टी को उपरोक्त आपत्ति में यथाप्रकृत "COMPOUNDS AS INHIBITOR OF DNA DOUBLE-STRAND BREAK REPAIR METHODS AND APPLICATIONS THEREOF" नामक आवेदन के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 4th day of July 2012 में पेटेंट प्रदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "COMPOUNDS AS INHIBITOR OF DNA DOUBLE-STRAND BREAK REPAIR METHODS AND APPLICATIONS THEREOF" as disclosed in the above mentioned application for the term of 20 years from the 4th day of July 2012 in accordance with the provisions of the Patents Act, 1970.



आपत्ति सं. संख्या 25/07/2012
Date of Grant

ATTESTED

Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

दिनांक: 4th day of July 2012



AYURVED PHARMACY

Upper Galli, Khasbag, BELGAVI-590 004. (Karnataka)

ಕೆ.ಎಲ್.ಇ. ಸಂಸ್ಥೆಯ

ಆಯುರ್ವೇದ ಕಠಮಠ

ಉಪ್ಪಾರ ಗಲ್ಲಿ, ಖಾಸಬಾಗ, ಬೆಳಗಾವಿ-590 004. (ಕರ್ನಾಟಕ)



Email :
klepharma@yahoo.com

Ref. No. KLE/AY/81/2019-20.

Date : 28/11/2019

To,

The Principal

KAHER's Shri. B. M. K. Ayurved Mahavidyalaya

Shahpur Belagavi

Sub: Consent for Commercialization of R & D activities reg..

Ref : BMK/Pharma/1264/2019-20/13/11/2019

Dear Sir

We are highly thankful to considering our pharmacy for commercialization of the your institutional R & D activities. However we are please to inform you that our pharmacy has decided to undertake the following R & D activities for Commercialization.

- 1.Modification , stability and antimicrobial study of vachadi kwath.
- 2.Development of UDM herbal tooth paste and it's analytical study.
- 3.Development of herbal lotion by kandughna mahakashaya and its physico-chemical Analysis
- 4.Development of triphala Aristaka

The revenue sharing will be decided on the basis of sales of products after licensing of products with mutual consent

Thanking you

Yours truly

Ch
MEDICAL DIRECTOR
K.L.E. Society's
Ayurved Pharmacy
Khasbag, Belagavi - 4

ATTESTED

✓
Dr. V.A.Kothiware
Registrar



VoLTE



4G



31% 5:13 p.m.



Find...

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201841042422 A

(19) INDIA

(22) Date of filing of Application :12/11/2018

(43) Publication Date : 16/11/2018

(54) Title of the invention : PROPOLIS GEL AS AN INTRACANAL MEDICAMENT IN ENDODONTIC TREATMENT OF PERMANENT TEETH

(51) International classification	:A61K 35/00	(71)Name of Applicant : 1)Dr.NEHA S.DHADED Address of Applicant:DEPARTMENT OF CONSERVATIVE DENTISTRY & ENDODONTICS, KLE VISHWANATHI KATTL INSTITUTE OF DENTAL SCIENCES, KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, NEHRU NAGAR, BELAGAVI - 590 010, KARNATAKA, INDIA, Karnataka India
(31) Priority Document No	:NA	2)Dr.KSHIPRA TAMHANKAR
(52) Priority Date	:NA	3)Dr.PREETI K. DODWAD
(33) Name of priority country	:NA	4)U.B BOLMAL
(86) International Application No	:NA	5)SHARVARI TAMHANKAR
Filing Date	:NA	6)Dr. SUNIL V.DHADED
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Dr.NEHA S.DHADED
Filing Date	:NA	2)Dr.KSHIPRA TAMHANKAR
(62) Divisional to Application Number	:NA	3)Dr.PREETI K. DODWAD
Filing Date	:NA	4)U.B BOLMAL
		5)SHARVARI TAMHANKAR
		6)Dr. SUNIL V.DHADED

(57) Abstract :

The present invention relates to the composition as an intracanal medicament in endodontic treatment of permanent teeth. It particularly relates to gel composition as an intracanal medicament in endodontic treatment of permanent teeth. More specifically, it relates to propolis gel as an intracanal medicament in endodontic treatment of permanent teeth. The invention also includes the process for preparation of propolis gel as an intracanal medicament in endodontic treatment of permanent teeth. Propolis powder was procured and authenticated after which it was subjected to MIC and MBC procedures. 25% propolis gel was prepared according to the MBC values as (a) preparation of carboxymethylcellulose solution (b) addition of effective amount of propolis powder to above prepared carboxymethylcellulose solution and (c) then addition of other suitable excipients to the above mixture to form the gel composition. A cytotoxicity test was done which concluded that propolis had a minimal cytotoxicity. In vitro tests were done which concluded that 25% propolis gel had a good antibacterial activity. In vivo test confirmed our in vivo results suggesting that propolis could be used as an intracanal medicament in endodontic treatment of permanent teeth.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 46/2018 Dated 16/11/2018

43320

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201841042607 A

(19) INDIA

(22) Date of filing of Application :13/11/2018

(43) Publication Date : 16/11/2018

Dr. V.A.Kothiwale
RegistrarKLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201841041192 A

(19) INDIA

(22) Date of filing of Application :31/10/2018

(43) Publication Date : 30/11/2018

(54) Title of the invention : POLYHERBAL GEL FORMULATION FOR MANAGEMENT OF TEETHING PROBLEMS

(51) International classification :G06Q
10/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DR. MUKTAI ABHAYDESHIPANDE

Address of Applicant :DEPARTMENT OF PEDODONTICS
AND PREVENTIVE DENTISTRY, KLE ACADEMY OF
HIGHER EDUCATION AND RESEARCH'S KLE V.K.
INSTITUTE OF DENTAL SCIENCES, NEHRU NAGAR,
JNMC CAMPUS BELAGAVI KARNATAKA 590010 INDIA
muktaideshpande96@gmail.com Karnataka India

2)DR.SHIVAYOGI M.HUGAR

3)U.B BOLMAM

4)DR. MADHURA V. MUNDADA

5)DR SANJAY K

6)DR. SHWETA SHIVAYOGI HUGAR

7)LAVANYA B. BHANDARI

8)DR. SANJANA SONETA

(72)Name of Inventor :

1)DR. MUKTAI ABHAYDESHIPANDE

2)DR.SHIVAYOGI M.HUGAR

3)U.B BOLMAM

4)DR. MADHURA V. MUNDADA

5)DR SANJAY K

6)DR. SHWETA SHIVAYOGI HUGAR

7)LAVANYA B. BHANDARI

8)DR. SANJANA SONETA

(57) Abstract :

The present invention relates to the development of polyherbal gel formulation with extracts of Azadirachta indica-neem, Ocimum tenuiflorum-tulsi, Glycyrrhiza glabra-liquorice, Stevia rebaudiana-stevia, combination of Emblica officinalis, Terminalia bellirica and Terminalia chebula triphala and essential oils-Syzygium aromaticum-clove oil and Mentha spicata-spearmint oil for medical and dental applications. It specifically relates to the development of gel formulation against the S. mutans, P. gingivalis, Lactobacilli, E. fecalis, Candida albicans and P. intermedia and as pulpotomy agent, healing gel, for ulcer and extracted wound, pericoronitis, as a local drug delivery after conventional scaling and root planning. The invention also pertains to the development of process for preparation of gel formulation with aqueous extracts for medical and dental applications. The polyherbal gel formulation of the present invention has beneficial effects in relieving teething problems faced by children and also can be used in treatment of oral diseases in children due to its antibacterial, anti-inflammatory, astringent, anti-fungal and healing properties. Aqueous extract of polyherbal gel has a significant inhibitory action against the various pathogens which indicates the presence of active compounds that can be incorporated into modern oral care systems for overcoming bacterial resistance with synthetic agents. We recommend that this developed gel is boon for managing oral diseases especially in children due to its multiple uses.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 48/2018 Dated 30/11/2018

45212

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka



VoLTE



4G



30% 10:39 p.m.



muktai

1 of 2...



(12) PATENT APPLICATION PUBLICATION

(21) Application No.201841042179 A

(19) INDIA

(22) Date of filing of Application :09/11/2018

(43) Publication Date : 16/11/2018

(54) Title of the invention : MULTIPURPOSE DEVICE FOR INFANT

(51) International classification

A61J
17/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DR. MUKTAI ABHAY DESHPANDE

Address of Applicant :DEPARTMENT OF PEDODONTICS

AND PREVENTIVE DENTISTRY, KLE ACADEMY OF

HIGHER EDUCATION AND RESEARCHS KLE V.K.

INSTITUTE OF DENTAL SCIENCES, NEHRU NAGAR,

JNMC CAMPUS BELAGAVI 590010 Karnataka India

2)DR.SHIVAYOGI MJIUGAR

3)MS.RADHIKA NAIK

4)DR. MADHURA V.MUNDADA

5)DR.SANJANA SONETA

6)DR.SHREY G.MEHTA

7)DR.ANUSHKA A.PARAKH

(72)Name of Inventor :

1)DR. MUKTAI ABHAY DESHPANDE

2)DR.SHIVAYOGI MJIUGAR

3)MS.RADHIKA NAIK

4)DR. MADHURA V.MUNDADA

5)DR.SANJANA SONETA

6)DR.SHREY G.MEHTA

7)DR.ANUSHKA A.PARAKH

(57) Abstract :

The present invention relates to the development of the device or appliance to aid the caregivers for maintaining the oral hygiene of the infant. It particularly relates to the development of multipurpose or multifunctional pacifier to aid the caregivers for maintaining the oral hygiene of the infant. It specifically relates to development of a self-medicated pacifier to be used independently by the infants that will provide soothing effect to the gum pads by the silicone in the pacifier along with the pores in the membranes which slowly releases a gel that may be of medicinal value, oral hygiene enhancing or bitter to reduce digit sucking habit. The present also relates to the method of preparation of the multipurpose pacifier and method for using of the developed pacifier for oral hygiene of the infant. This invention has many advantages as pacifier can be used to reduce the digit sucking habit in infants, to administer medicines, it is Cost effective for mass distribution, can be used for maintenance of oral hygiene, effectively soothes the inflamed gingival during teething, We recommend that this pacifier is boon for managing oral diseases in children due to its multiple uses.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 46/2018 Dated 16/11/2018

43299

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741042399 A

(19) INDIA

(22) Date of filing of Application :27/11/2017

(43) Publication Date : 16/11/2018

(54) Title of the invention : DICAR DENTURE

ATTESTED

Dr. V.A.Kothiwa
RegistrarKLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act,1956)
Belagavi-590 010,Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201821015784 A

(19) INDIA

(22) Date of filing of Application :26/04/2018

(43) Publication Date : 22/06/2018

(54) Title of the invention : NANOSTRUCTURED LIPID CARRIERS (NLCs) BASED TRANSDERMAL PATCHES OF COLCHICINE

(51) International classification	:A61K31/353	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JOSHI SUMIT ASHOK
(32) Priority Date	:NA	Address of Applicant :AT. POST. PATIHARE, TALUKA
(33) Name of priority country	:NA	SINNAR, DIST. NASHIK-422 104, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)JALALPURE SUNIL SATYAPPA
(87) International Publication No	:NA	3)PANCHAL CHANDRAWADAN VISHWAMBIHAR
(61) Patent of Addition to Application Number	:NA	4)KEMPWADE AMOLKUMAR ASHOK
Filing Date	:NA	5)VENKATA SIVA NAGA MALLESWARA RAO PERAM
(62) Divisional to Application Number	:NA	6)PETIAKAR SIIRIRAM RAMESH
Filing Date	:NA	(72)Name of Inventor :
		1)JOSHI SUMIT ASHOK
		2)JALALPURE SUNIL SATYAPPA
		3)PANCHAL CHANDRAWADAN VISHWAMBIHAR
		4)KEMPWADE AMOLKUMAR ASHOK
		5)VENKATA SIVA NAGA MALLESWARA RAO PERAM
		6)PETIAKAR SIIRIRAM RAMESH

(57) Abstract :

The present invention relates to Nanostructured Lipid Carriers (NLCs) based transdermal patches of Colchicine and a process for preparation thereof.

No. of Pages : 20 No. of Claims : 10

The Patent Office Journal No. 25/2018 Dated 22/06/2018

22855

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act,1956)
Belagavi-590 010,Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741032328 A

(19) INDIA

(22) Date of filing of Application :13/09/2017

(43) Publication Date : 22/09/2017

(54) Title of the invention : ORAL CLEANING APPARATUS WITH AUDIO SIGNALS FOR ENHANCED ORAL HYGIENE

(51) International classification	:A46B15/00; A61C17/34;	(71)Name of Applicant : 1)DR. ANUSHKA PARAKH Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, KLE V.K. INSTITUTE OF DENTAL SCIENCES, KLE UNIVERSITY, NEHRU NAGAR, JNNMC CAMPUS, KARNATKA, INDIA - 590010 Karnataka India
(31) Priority Document No	:NA	2)DR.SHIVAYOGI M. HUGAR
(32) Priority Date	:NA	3)MR. VABHAV SRIVASTAVA
(33) Name of priority country	:NA	4)DR. VAIBHAV KUMAR
(86) International Application No	:NA	5)DR. ANIL PARAKH
Filing Date	:NA	6)DR. SHWETA SHIVAYOGI HUGAR
(87) International Publication No	:NA	7)DR. ALKA.D.KALE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. ANUSHKA PARAKH
(62) Divisional to Application Number	:NA	2)DR.SHIVAYOGI M. HUGAR
Filing Date	:NA	3)MR. VABHAV SRIVASTAVA
		4)DR. VAIBHAV KUMAR
		5)DR. ANIL PARAKH
		6)DR. SHWETA SHIVAYOGI HUGAR
		7)DR. ALKA.D.KALE

(57) Abstract :

Abstract:The present invention relates to the development of oral cleaning apparatus with audio signals for enhanced oral hygiene. It specifically relates to the development of oral cleaning apparatus with audio signals to identify the presence of a food debris, plaque or dirt on the teeth for visually impaired persons and children to maintain oral hygiene. More particularly, the invention relates to the development of toothbrush with audio signals to identify for presence of a food debris, plaque or dirt on the teeth for visually impaired persons and children to maintain oral hygiene. The invention also pertains to the development of method for practicing the use of oral cleaning apparatus with audio signals for visually impaired persons and children to maintain oral hygiene. In one of the embodiment, the Oral cleaning apparatus to maintain oral hygiene characterized in that having the toothbrush (1) for cleaning the teeth connected with light emitting diode (2) to make the light to fall on all the surfaces of the teeth in the oral cavity, when the light reflects of the surface of teeth with a food debris or plaque or dirt, then there is a huge variation in the intensity of the reflected light and that intensity of variations in the reflected light used as the sensing parameter and is recorded by Light Detector Resistor sensor (4) for continuously recording the intensity of variations in the reflected light and output of the intensity of variations in the reflected light is converted to audio signal by Arduino Board Resistor (5) and which is conveyed to the visually challenged person through the microphone (6) for the presence of a food debris or plaque or dirt on the teeth.


No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 38/2017 Dated 22/09/2017

32580

Page no - 62

ATTESTED


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741003970 A

(19) INDIA

(22) Date of filing of Application :03/02/2017

(43) Publication Date : 31/03/2017

(54) Title of the invention : IRRIGATING SOLUTION COMPOSITION WITH ETHANOLIC EXTRA^a OF CURCUMA LONGA

(51) International classification	:A61K31/045, A61K31/05	(71)Name of Applicant : 1)SHASHTKANT DHARIWAL Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY K.L.E. VISHWANATH KATTI INSTITUTE OF DENTAL SCIENCES, KLE UNIVERSITY, NEHRU NAGAR,BELAGAVI KARNATAKA, INDIA, 590010. Karnataka India
(31) Priority Document No	:NA	2)SHIVA YOGI M. HUGAR
(32) Priority Date	:NA	3)SHEETAL HARAKUNI
(33) Name of priority country	:NA	4)SUMASOGI
(86) International Application No	:NA	5)HARSHAG ASSUDANI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHASHTKANT DHARIWAL
(61) Patent of Addition to Application Number	:NA	2)SHIVA YOGI M. HUGAR
Filing Date	:NA	3)SHEETAL HARAKUNI
(62) Divisional to Application Number	:NA	4)SUMASOGI
Filing Date	:NA	5)HARSHAG ASSUDANI

(57) Abstract :

The present invention relates to the development of irrigating solutions with extracts of Curcuma longa against the anaerobic bacteria isolated from the root canals of infected primary teeth. It specifically relates to the development of irrigating solutions with ethanolic extracts of Curcuma longa against the anaerobic bacteria isolated from the root canals of infected primary teeth. The invention also pertains to the development of process for preparation of irrigating solutions with ethanolic extracts of Curcuma longa against the anaerobic bacteria isolated from the root canals of infected primary teeth. Patients were selected based on selected inclusion and exclusion criteria. Preoperative radiographs were taken. Rubber dam isolation and working length estimation was done, following which thirty samples were taken from the root canals of infected primary teeth using sterile absorbent paper points and transferred to tubes containing thioglycolate transport medium. The bacteria were then isolated using standard microbiological protocols and were subjected to antibiotic sensitivity testing using the three test irrigants. The most commonly isolated bacteria included Porphyromonas species, Bacteroides fragilis, Peptostreptococcus and Staphylococcus aureus. Sodium hypochlorite and Curcuma longa (turmeric) showed good antibacterial effect and were effective against most of the isolated bacteria. There was statistically significant difference in the antibacterial effect among the three tested groups ($P < 0.001$). The least effective was Camellia sinesis (green tea). The infected primary teeth almost always present with a polymicrobial structure with a wide variety of anaerobic bacteria. The chemo-mechanical preparation plays an important role in eradicating the population of predominant micro-organisms in treating these teeth with promising effects with the use of newer test irrigants while avoiding the side effects of sodium hypochlorite.

No. of Pages : 31 No. of Claims : 10

The Patent Office Journal 31/03/2017

ATTESTED

8117


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(54) Title of the invention : IRRIGATING SOLUTION COMPOSITION WITH EXTRACTS OF COCOS NUCIFERA

(51) International classification : A61P31/18, A61K36/62
 (31) Priority Document No : NA
 (32) Priority Date : NA
 (33) Name of priority country : NA
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :

1) DR. DIVYATA KOHLI

Address of Applicant : DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, KLE V.K. INSTITUTE OF DENTAL SCIENCES, KLE UNIVERSITY, NEHRU NAGAR, INMC CAMPUS, BELAGAVI, KARNATAKA, INDIA-590010, Karnataka India

2) DR. SHIVAYOGI M. HUGAR

3) DR. KANWAL RAJ

4) MR. U.B. BOLMAL

5) DR. SHWETA SHIVAYOGI HUGAR

6) DR. NIRAJ S. GOKHALE

7) DR. CHANDRASHEKHAR M. BADKAR

(72) Name of Inventor :

1) DR. DIVYATA KOHLI

2) DR. SHIVAYOGI M. HUGAR

3) DR. KANWAL RAJ

4) MR. U.B. BOLMAL

5) DR. SHWETA SHIVAYOGI HUGAR

6) DR. NIRAJ S. GOKHALE

7) DR. CHANDRASHEKHAR M. BADKAR

(57) Abstract :

The present invention relates to the development of irrigating solutions with extracts of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis. It specifically relates to the development of irrigating solutions with ethanolic extracts of husk of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis. The invention also pertains to the development of process for preparation of irrigating solutions with ethanolic extracts of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis. Process for preparation of irrigating solution composition with Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis comprising: a) drying of the husk of Cocos nucifera; b) grinding the dried husk of step (a) to prepare powdered form; c) then extracting the powdered form of step (b) with ethanol to obtain the ethanolic extract; d) ethanolic extract of step (c) is complexed with (2-Hydroxypropyl)-P-cyclodextrin; and e) complex formed at step (d) is then mixed with excipients to form the irrigating solution composition. Irrigating solution composition against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis comprising the effective concentration of extract of Cocos nucifera and other excipients.

No. of Pages : 30 No. of Claims : 10

ATTESTED

Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka



(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741044061 A

(19) INDIA

(22) Date of filing of Application :08/12/2017

(43) Publication Date : 15/12/2017

(54) Title of the invention : GREEN TEA EXTRACT CHIP FOR LOCAL DRUG DELIVERY SYSTEM AS AN ADJUNCT TO SCALING AND ROOT PLANING IN C

(51) International classification	:A61J7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RENUKA METGUD
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PERIODONTICS,
(33) Name of priority country	:NA	KLE V.K.INSTITUTE OF DENTAL SCIENCES, KLE
(86) International Application No	:NA	ACADEMY OF HIGHER EDUCATION AND RESEARCH,
Filing Date	:NA	NEHRU NAGAR, BELAGAVI-590010, KARNATAKA STATE,
(87) International Publication No	: NA	INDIA. Karnataka India
(61) Patent of Addition to Application Number	:NA	2)DR. RUCHI BHATIA
Filing Date	:NA	3)DR. SHWETA SHIVAYOGI HUGAR
(62) Divisional to Application Number	:NA	4)U.R.BOLMAL
Filing Date	:NA	(72)Name of Inventor :
		1)DR. RENUKA METGUD
		2)DR. RUCHI BHATIA
		3)DR. SHWETA SHIVAYOGI HUGAR
		4)U.R.BOLMAL


(57) Abstract :

Abstract: The present invention relates to the development of effective composition for local drug delivery system as an adjunct to scaling and root planing for treatment of chronic periodontitis.. It specifically relates to the development of effective composition with green tea extracts in the form of chips for local drug delivery system as an adjunct to scaling and root planing for treatment of chronic periodontitis. The invention also pertains to the development of process for preparation of effective composition with green tea extracts in the form of chips for local drug delivery system as an adjunct to scaling and root planing for treatment of chronic periodontitis. Periodontitis is an infection of the periodontium. Complex nature of the microbial biofilm in the subgingival environment requires thorough mechanical removal of plaque to improve periodontal health. Adjunctive chemotherapeutic agents along with non-surgical therapy enhance outcomes at sites not responsive to conventional treatment and achieve control of the disease. Green tea, apart from various health benefits has anti-inflammatory activity and is active against several perio-pathogens. The study is to assess the efficacy of locally delivered green tea extract as an adjunct to scaling and root planing in chronic periodontitis. 30 patients, both male and female with age range of 30- 55 years with probing depth 4-6 mm were selected. A split mouth design was followed. Treatment consisted of scaling and root planing and placement of green tea extract chips at the test site while no chip was placed at control site. Clinical parameters such as gingival index (GI), plaque index (PI), probing pocket depth and evaluation of the total microbial load (colony forming units / ml) were done at baseline and 21 days. Both the test and control groups showed statistically significant reduction in GI and PI, probing pocket depth after treatment ($p < 0.05$). There was greater reduction in all the parameters in the test group (SRP+ green tea extract chips) as compared to the control group (SRP alone). Intercomparison between microbial results showed significant reduction of microbial load in the test group. The green tea showed significant reduction in the clinical as well as microbial parameters in the test group as compared to the control group. Hence it can be concluded that green tea chips can be effectively used as local drug delivery as an adjunct to scaling and root planing

No. of Pages : 29 No. of Claims : 10

The Patent Office Journal No. 50/2017 Dated 15/12/2017 ATTESTED

48754


Dr. V.A.Kothiwale
Registrar
KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741004010 A

(19) INDIA

(22) Date of filing of Application :03/02/2017

(43) Publication Date : 07/04/2017

(54) Title of the invention : NOVEL MANDIBULAR ANTERIOR GUIDE FLANGE DEVISE FOR THE TREATMENT OF SLEEP APNEA

(51) International classification	:A61F 5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)santosh y nelogi
(32) Priority Date	:NA	Address of Applicant :flat no A14/13 , jnmc campus , belgaum
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)maheshwari nelogi
(87) International Publication No	: NA	2)santash y nelogi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT An intra-oral dental appliance for treatment of snoring and obstructive sleep apnea. The appliance keeps the user's lower jaw (mandible) in an anterior, protruded position to prevent obstruction of the pharyngeal airway. The appliance preferably consists of a lower anterior guide flange, without any connecting assembly. The appliance allows a lateral and vertical movement of the mandible relative to the upper jaw in the protruded position to prevent aggravation of the patient's muscles and ligaments and temporo mandibular joint. The present application relates to an intra-oral appliance designed to move the lower jaw down and forward relative to the immovable upper jaw, for the treatment of sleep apnea or snoring, without restricting the jaw movement .

No. of Pages : 34 No. of Claims : 10

The Patent Office Journal 07/04/2017

ATTESTED

9125


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741032339 A

(19) INDIA

(22) Date of filing of Application :13/09/2017

(43) Publication Date : 29/09/2017

(54) Title of the invention : GEL FORMULATION OF COCOS NUCIFERA HUSK EXTRACT

(51) International classification	:A61P31/18, A61K36/62	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. DIVYATA KOHLI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, KLE V.K. INSTITUTE OF DENTAL SCIENCES, KLE UNIVERSITY, NEHRU NAGAR, JNMC CAMPUS, BELAGAVI, KARNATAKA, INDIA-590010 Karnataka India
(33) Name of priority country	:NA	2)DR. SHTVAYOGI M. HUGAR
(86) International Application No	:NA	3)DR. KANWAL RAJ
Filing Date	:NA	4)MR. U. B BOLMAL
(87) International Publication No	: NA	5)DR. SHWETA SHIVAYOGI HUGAR
(61) Patent of Addition to Application Number	:NA	6)DR. VIDYAVATHI H. PATIL
Filing Date	:NA	7)DR. CHAITANYA R. UPPIN
(62) Divisional to Application Number	:NA	8)DR. MADHURA V.MUNDADA
Filing Date	:NA	(72)Name of Inventor :
		1)DR. DIVYATA KOHLI
		2)DR. SHTVAYOGI M. HUGAR
		3)DR. KANWAL RAJ
		4)MR. U. B BOLMAL
		5)DR. SHWETA SHIVAYOGI HUGAR
		6)DR. VIDYAVATHI H. PATIL
		7)DR. CHAITANYA R. UPPIN
		8)DR. MADHURA V.MUNDADA

(57) Abstract :

The present invention relates to the development of gel formulation with extracts of Cocos nucifera for medical and dental applications. It specifically relates to the development of gel formulation with ethanolic extracts of husk of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis and as pulpotomy agent, healing gel, for ulcer and extracted wound, as a local drug delivery after conventional scaling and root planning. The invention also pertains to the development of process for preparation of gel formulation with ethanolic extracts of Cocos nucifera for medical and dental applications. Gel formulation of Cocos nucifera for medical and dental applications comprising the effective concentration of extract of Cocos nucifera complexed with p- cyclodextrin and other excipients. Process for preparation of Gel formulation of Cocos nucifera for medical and dental applications comprising: a) preparation of ethanolic extract of husk of Cocos nucifera; b) ethanolic extract of step (a) is complexed with p-cyclodextrin; and c) complex formed at step (b) at effective concentration is then mixed with excipients to form the uniform gel formulation of Cocos nucifera.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 39/2017 Dated 29/09/2017

ATTESTED

33309


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201741032340 A

(19) INDIA

(22) Date of filing of Application :13/09/2017

(43) Publication Date : 29/09/2017

(54) Title of the invention : IRRIGATING SOLUTION COMPOSITION WITH EXTRACTS OF COCOS NUCIFERA

(51) International classification	:A61P31/18, A61K36/62	(71)Name of Applicant : 1)DR. DIVYATA KOHLI Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY,KLE V.K. INSTITUTE OF DENTAL SCIENCES, KLE UNIVERSITY, NEHRU NAGAR, JNMC CAMPUS,BELAGAVI,KARNATAKA,INDIA-590010. Karnataka India
(31) Priority Document No	:NA	2)DR.SHIVAYOGI M. HUGAR
(32) Priority Date	:NA	3)DR.KANWAL RAJ
(33) Name of priority country	:NA	4)MR.U.B BOLMAL
(86) International Application No	:NA	5)DR.SHWETA SHIVAYOGI HUGAR
Filing Date	:NA	6)DR.NIRAJ S.GOKHALE
(87) International Publication No	: NA	7)DR.CHANDRASHEKHAR M.BADKAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. DIVYATA KOHLI
(62) Divisional to Application Number	:NA	2)DR.SHIVAYOGI M. HUGAR
Filing Date	:NA	3)DR.KANWAL RAJ
		4)MR.U.B BOLMAL
		5)DR.SHWETA SHIVAYOGI HUGAR
		6)DR.NIRAJ S.GOKHALE
		7)DR.CHANDRASHEKHAR M.BADKAR

(57) Abstract :

The present invention relates to the development of irrigating solutions with extracts of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis. It specifically relates to the development of irrigating solutions with ethanolic extracts of husk of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis. The invention also pertains to the development of process for preparation of irrigating solutions with ethanolic extracts of Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis. Process for preparation of irrigating solution composition with Cocos nucifera against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis comprising: a) drying of the husk of Cocos nucifera; b) grinding the dried husk of step (a) to prepare powdered form; c) then extracting the powdered form of step (b) with ethanol to obtain the ethanolic extract; d) ethanolic extract of step (c) is complexed with (2 - Hydroxypropyl)- β - cyclodextrin; and e) complex formed at step (d) is then mixed with excipients to form the irrigating solution composition. Irrigating solution composition against the Enterococcus faecalis, Prevotella intermedia and Porphyromonas gingivalis comprising the effective concentration of extract of Cocos nucifera and other excipients.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 39/2017 Dated 29/09/2017

ATTESTED

33310


Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2017

(21) Application No.201721004362 A

(43) Publication Date : 17/02/2017

(54) Title of the invention : AN IMPROVED METHOD FOR QUANTITATIVE DETERMINATION OF ADENOSINE IN ADENOSINE SOLUTION FOR INJECTION

(51) International classification :G01N30/36, C07D495/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHANDRAWADAN VISHWAMBHAR PANCHAL
Address of Applicant :MAHARASHTRA COLLEGE OF PHARMACY, NILANGA, MAHARASHTRA-413 521, INDIA.
Maharashtra India
2)BHAGWAT NIVRUTHIRAO POUL
3)IRSAHD ABDULSAMAD SHAIKH
4)SUNIL S.JALALPURE
5)AMOL YADAVRAO GHODKE
(72)Name of Inventor :
1)CHANDRAWADAN VISHWAMBHAR PANCHAL
2)BHAGWAT NIVRUTHIRAO POUL
3)IRSAHD ABDULSAMAD SHAIKH
4)SUNIL S.JALALPURE
5)AMOL YADAVRAO GHODKE

(57) Abstract :

Provided are an improved reversed-phase liquid chromatographic method for the quantitative determination of Adenosine and a stability indicating analytical method using the samples generated from forced degradation studies.

No. of Pages : 12 No. of Claims : 4

The Patent Office Journal 17/02/2017

3938

ATTESTED

Dr. V.A.Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed to be University u/s 3 of the UGC Act, 1956)
Belagavi-590 010,Karnataka

Patent Search

Invention Title: **Rapidly Dissolving Oral Nicotine Films for Tobacco Abstinence**
 Publication Number: **46/2017**
 Publication Date: **17/11/2017**
 Publication Type: **INA**
 Application Number: **70537/CHE/2015**
 Application Filing Date: **30/12/2015**
 Priority Number:
 Priority Country:
 Priority Date:
 Field Of Invention: **PHARMACEUTICALS**
 Classification (IPC): **A61K 31/00**

Inventor

Name	Address	Country	Nat
Sujatha S	No 10, 9th K Main, Vijaynagar, Bangalore - 560040, Karnataka, India.	India	Ind
Narasimha Murthy S	# 179, Triveni Road, Ramamurthy Nagar, Bangalore - 560 016, Karnataka, India.	India	Ind
Shivakumar H.N	# 18, 7th Cross, J.S Nagar, Nandini Layout, Bangalore - 560 096, Karnataka, India.	India	Ind

Applicant

Name	Address	Country
M.S Ramaiah University of Applied Sciences	University House, Gnanaganagotri Campus, New BEL Road, M S R Nagar, Bangalore - 560 054, Karnataka, India.	India

Abstract:

ABSTRACT A chewing gum comprising 1-10% of a hydrophilic polymer, 0.1-5% of a surfactant to stabilize the formulated solution, a plasticizer of 10-50% (w/w) of the polymer, wherein the hydrophilic polymer, the surfactant and the plasticizer forms a thin film and 1-4 % of nicotine as an active drug component that forms an aqueous suspension within the thin film, wherein the nicotine rapidly permeates through a buccal mucosal membrane leading to a rapid surge in blood and brain levels of the nicotine which suppresses craving for consumption of tobacco products. The hydrophilic polymer comprises hydroxy propyl methyl cellulose (HPMC) which controls the release of nicotine into the digestive tract and helps in increased bioavailability of the nicotine. The surfactant comprises Tween 80 as a stabilizer and/or an emulsifier whereas the plasticizer comprises poly ethyl glycol (PEG-400) that makes the hydrophilic polymer more pliable and soft.

Complete Specification

DESC Form 2
 The Patent Act 1970
 (19 of 1970)
 AND
 Patent Rules 2003
 Complete Specification
 (Part 19 and Rule 15)

Title: **Rapidly Dissolving Oral Nicotine Films for Tobacco Abstinence**
 Applicant: **M S Ramaiah University of Applied Sciences**
 Applicant's Address: **India**
 Applicant's Address: **University House, Gnanaganagotri Campus, New BEL Road, M S R Nagar, Bangalore - 560 054, Karnataka, India.**

The following specification particularly describes the invention and the manner in which it is to be performed.

[View Application Status](#)

ATTESTED

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 201641014968 A

(19) INDIA

(22) Date of filing of Application : 29/04/2016

(43) Publication Date : 03/11/2017

(54) Title of the invention : NOVEL INHIBITORS OF ANTIAPOPTOTIC BCL-2 PROTEIN

(51) International classification	: A61K31/00	(71) Name of Applicant :
(31) Priority Document No	: NA	1) Indian Institute Of Science
(32) Priority Date	: NA	Address of Applicant : C. V. Raman Avenue, Bangalore -
(33) Name of priority country	: NA	560012, Karnataka, India, Karnataka India
(86) International Application No	: NA	(72) Name of Inventor :
Filing Date	: NA	1) Dr. Sathees C. Raghavan
(87) International Publication No	: NA	2) Dr. Subhas S. Karki
(61) Patent of Addition to Application Number	: NA	3) Dr. Bibha Choudhary
Filing Date	: NA	4) Prof. Avadhesh Suroliya
(62) Divisional to Application Number	: NA	5) Supriya Vartak
Filing Date	: NA	6) Divyaanka Iyer
		7) Gunaseelan Goldsmith

(57) Abstract :

The invention provides a method of synthesis of a compound for inhibiting BCL-2 function. The method includes selecting a concentration of an indolin-2-one dissolved in alcohol. The indolin-2-one dissolved in alcohol is then treated with an aldehyde derivative in the presence of piperidine to obtain a reaction mixture. The reaction mixture is refluxed and then cooled under reduced pressure to obtain a precipitate. The precipitate is subsequently purified to obtain the compound and derivatives thereof. The invention provides a compound for inhibiting BCL-2 function. The invention further provides a pharmaceutical composition including the compound for inhibiting BCL-2 function. A method of managing at least one condition associated with increased expression of BCL-2. A kit for inducing apoptosis or managing at least one condition associated with over expression of BCL-2 is also provided.

No. of Pages : 30 No. of Claims : 16

The Patent Office Journal No. 44/2017 Dated 03/11/2017

39179

ATTESTED

Scanned by CamScanner
Dr. V.A. Kothiwale
Registrar

KLE Academy of Higher Education and Research,
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Belagavi-590 010, Karnataka