

Gondwana University Gadchiroli, Maharashtra, India

Patent Details for Verification_NIRF 2025										
<p>Note: Provide your Institution's Patent details (Only Utility Patents) Discipline-wise as applied for NIRF Ranking each in Separate List/Table (Only Published & Granted during 2021 – 2023 year-wise) strictly in this provided format, and clearly write/mention the Discipline & Institute ID above the List/Table as prescribed. Details of the Design, Trademarks, or Copyrights, and only Filed Patents must be avoided. Those details should not be entered or provided in the list below as those won't be considered for the ranking. Patent details must be submitted along with all the source proofs (attached) like screenshots, pdf, image file from databases like InPASS, WIPO, USPTO, Espacenet, Derwent Innovation, etc. and direct URL/Website links, etc.</p>										
Discipline Name applied for NIRF 2025 Ranking: e.g. IR_OVERALL / IR_ENGINEERING / IR_MEDICAL / IR_PHARMACY / IR_DENTAL									Institute ID: e.g. C-00000 / U-00000	
Provide below the Year-wise Count of Submitted Patent Data by the Institute (2021 to 2023) for NIRF2025 as applied in Discipline-specific:										
Discipline	Published_2022	Published_2023	Granted_2021	Granted_2022	Granted_2023	Total Published (2021-2023)	Total Granted (2021-2023)			
						0	0			
Patent Details with proofs (Attach screenshots, pdf, image file, etc.):										
Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/Website Links, etc.
1	202321028589	Published	Dr. Sunil Dadaraoji Bagde, Dr. Amrapali Pandurang Wasnik, Dr. Pramod Pradhan Khade	Computational Method for Solving Differential Equations and Numerical Analysis	Dr. Sunil Dadaraoji Bagde	19-04-2023	26-05-2023	N.A.	N.A.	
2	202341004270	Published	Dr. B. Pardha Saradhi, Dr. Sunil Dadaraoji Bagde, Dr. Rudra Ravi Kumar Palegari, Dr. S. Sridevi, Dr. V. Bhagyalakshmi, Mr. Nitin Sampat Abhale, Mr. Shivaji Sampat Pawar, Dr. Kotla Revathi, Dr. Bhagavathula Venkata Narayana Murthy, Mr. Keshav Kumar K	Accelerating Gaussian elimination using a vector matrix multiplication accelerator	Dr. Sunil Dadaraoji Bagde	21-01-2023	17-02-2023	N.A.	N.A.	
3	202221011332	Published	Mr. Manohar Golait, Mr. M. Suresh, Mr. Muthuraj K, Mr. V. R. Mani, Mr. D. Naveen Kumar, Mr. Bhaskarrao Yakkala, Mr. Vishal Gajghate, Mrs. J. Deepa, Mr. Bhaskar Komal Baishya, Dr. Sunil Dadaraoji Bagde	Artificial Intelligence and Big Data Techniques with Machine Learning using wireless sensor networks based secure Healthcare Framework for COVID-19	Dr. Sunil Dadaraoji Bagde	02-03-2022	22-07-2022	N.A.	N.A.	
4	413016-001	Granted	1.Dr. V. Vedanarayanan Prashant Shakuntala Ashok Sonawane Arora Soudamini Behera 2. 3.Arun 4.Dr. 5.Shiny. A	SOLAR ENERGY MANAGEMENT DEVICE	Prashant Shakuntala Ashok Sonawane		17-05-2024	170332	Controller General of Patent, Designs and Trade Mark	

5	358283-001	Granted	DR. PRASHANT ASHOK SONAWANE	SMART PROBLEM RESOLVING DEVICE FOR INSTITUTIONS	DR. PRASHANT ASHOK SONAWANE	09-02-2022	29-04-2022	112714	Controller General of Patents, Designs and Trade Marks	
6	399864-001	Granted	1. Dr. Prashant Ashok Sonawane 2. Dr. Madhuri Aggarwal 3. Dr. Vandana Madaan 4. Mr. Surinder Pal Singh 5. Dr. Anjali Singh	INVENTORY MANAGEMENT DEVICE FOR SUPERMARKET	DR. PRASHANT ASHOK SONAWANE	13-11-2023	11-01-2024	153290	Controller General of Patents, Designs and Trade Marks	
7	423288-001	Published	1. Dr. Prashant Ashok Sonawane 2. Dr. Leivon Mary Kom 3. Dr. N. Meerabai Devi 4. Dr. Paramveer Singh 5. Dr. Vinod Kumar	Behavioral Pattern Recognition Device For Workplace Dynamics	DR. PRASHANT ASHOK SONAWANE	16-07-2024	01-11-2024	44/2024	Controller General of Patents, Designs and Trade Marks	
8	6318265	Granted	Dr. Maneesh Vilas Deshpande, Dr. Diwakar Ramanuj Tripathi, Dr. Krishna Dinanath Karoo, Mr. Meghraj Manikrao Jogi, Mr. Vikas Atmaram Chitite	Portable Device to Identify Early Detection of Refilling of Gas Cylinder by Using	Dr. Maneesh Vilas Deshpande	11-10-2023	30-10-2023		Adam Williams, Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office	
9	6386466	Published	Dr. Diwakar Ramanuj Tripathi, Dr. Maneesh Vilas Deshpande, Dr. Vrushali Pramod Parkhi, Dr. Swapnil G Deshpande	Portable Tablet computer	Dr. Maneesh Vilas Deshpande	23-08-2024	03-09-2024		Adam Williams, Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office	
10	202413593	Granted	Dr. Diwakar Ramanuj Tripathi, Dr. Ashwini Ghogare and Dr. Maneesh Vilas Deshpande	Quantum Sensing Device for Environmental Monitoring	Dr. Maneesh Vilas Deshpande	01-06-2024	17-07-2024			
11	369634-001	Granted	Science And Technology Resource Centre, Gondwana University, Gadchiroli	BAMBOO LOTUS	Science And Technology Resource Centre, Gondwana University, Gadchiroli	23-08-2022	23-05-2023	137343	Controller General of Patents, Designs and Trade Marks	
12	369632-001	Granted	Science And Technology Resource Centre, Gondwana University, Gadchiroli	BAMBOO TROPHY	Science And Technology Resource Centre, Gondwana University, Gadchiroli	23-08-2022	10-04-2023	132788	Controller General of Patents, Designs and Trade Marks	
13	369636-001	Granted	Science And Technology Resource Centre, Gondwana University, Gadchiroli	BAMBOO SEED SPACER	Science And Technology Resource Centre, Gondwana University, Gadchiroli	23-08-2022	16-05-2023	135403	Controller General of Patents, Designs and Trade Marks	
14	369635-001	Granted	Science And Technology Resource Centre, Gondwana University, Gadchiroli	BAMBOO POULTRY SHED	Science And Technology Resource Centre, Gondwana University, Gadchiroli	23-08-2022	22-12-2022	120989	Controller General of Patents, Designs and Trade Marks	
15	369633-001	Granted	Science And Technology Resource Centre, Gondwana University, Gadchiroli	BAMBOO EARRINGS	Science And Technology Resource Centre, Gondwana University, Gadchiroli	23-08-2022	23-12-2022	121610	Controller General of Patents, Designs and Trade Marks	
16	2021105986	Granted	Manoj Shivkumar Tiwari	A Management information system for draglines employed in opencast coal mines	Manish Dattatraya Uttarwar	29/8/2021	11-10-2021	2021105986	Gondwana University, Gadchiroli, Maharashtra, India	

[illegible]



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105986

The Commissioner of Patents has granted the above patent on 10 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

MANISH DATTATRAYA UTTARWAR of SAIKRIPA, OPPOSITE DR MULAYS ANKUR HOSPITAL, BALAJI
WARD CHANDRAPUR MAHARASHTRA 442402 India

Title of invention:

A MANAGEMENT INFORMATION SYSTEM FOR DRAGLINES EMPLOYED IN OPENCAST COAL MINES

Name of inventor(s):

TIWARI, MANOJ SHIVKUMAR and UTTARWAR, MANISH DATTATRAYA

Term of Patent:

Eight years from 19 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 10th 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.

Extracts from the Patents Act, 1990

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

Sec 128 **Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

- (a) a declaration that the threats are unjustifiable; and
- (b) an injunction against the continuance of the threats; and
- (c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

(1) If:

(a) a person:

- (i) has applied for an innovation patent, but the application has not been determined; or
- (ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

- (54) Title
A MANAGEMENT INFORMATION SYSTEM FOR DRAGLINES EMPLOYED IN OPEN-CAST COAL MINES
- (51) International Patent Classification(s)
G06Q 10/06 (2012.01) **G06Q 50/02** (2012.01)
E02F 3/48 (2006.01)
- (21) Application No: **2021105986** (22) Date of Filing: **2021.08.19**
- (45) Publication Date: **2021.11.25**
(45) Publication Journal Date: **2021.11.25**
(45) Granted Journal Date: **2021.11.25**
- (71) Applicant(s)
MANISH DATTATRAYA UTTARWAR
- (72) Inventor(s)
TIWARI, MANOJ SHIVKUMAR;UTTARWAR, MANISH DATTATRAYA
- (74) Agent / Attorney
MANISH DATTATRAYA UTTARWAR, S92/460 Jones Street, Suite 125, Ultimo, NSW, 2007, AU

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT

[Section 30 (1)-Regulation 22]

The granting of a patent is hereby requested by the undermentioned applicant on the basis of the present application.

Official Application No.		Applicant's or Agent's Reference
21	01	2218LPS
2022/08575		

71	Full Name(s) of Applicant(s)
PAWADE, VIJAY B. DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India JANBANDHU, Kapil S. DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India YERPUDE, Atul N. DEPARTMENT OF PHYSICS, N. H. COLLEGE, BRAMHAPURI, MAHARASHTRA, 441206, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India	

54	Title of invention
SYNTHESIS PROCESS AND 808 NM LASER LIGHT EXCITED NOVEL BROADBAND EMITTING HO3+/YB3+/ND3+ CO DOPED KALF4UP CONVERTING PHOSPHOR FOR BIO IMAGING AND DISPLAY APPLICATIONS	

The applicant claims priority as set out on the accompanying Form P.2. The earliest priority claimed is		
COUNTRY:	NUMBER:	DATE:

This application is for a patent of addition to patent application No.:		
21	01	

This application is a fresh application in terms of section 37 and based on Application No.:		
21	01	

This application is accompanied by:		
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X	1.	A single copy of a complete specification of 8 pages.
X	2.	Drawings of 4 sheet(s).
X	3.	Publication particulars and abstract(Form P8)
X	4.	A copy of a figure of the drawing (if any) for the abstract
	5.	Assignment of invention
	6.	Certified priority document(s)
	7.	Translation(s) of the priority document(s)
	8.	Assignment of priority rights
	9.	A copy of the Form P.2 and the specification of S.A Patent Application (if applicable).
	10.	A declaration and power of attorney on Form P3
	11.	Statement on the use of indigenous Biological Resource, Genetic Resource, Traditional Knowledge or Use on Form P26
X	12.	
X	13.	Other Supporting Document

74	Address of Service:
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA	

Dated this 1st day of August 2022

Submitted online by : Wolmarans and Susan Inc.

.....

Signature of Applicant(s)

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Page 1 of 8

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Official Date Stamp
..... Registrar of Patents

This is returned to the applicant's
address for service as proof of lodging.

CONFIRMATION

REPUBLIC OF SOUTH AFRICA

REGISTER OF PATENTS

PATENTS ACT, 1978

Official application No.		Lodging date: Provisional		Acceptance date	
21	01	2022/08575		22	
International classification		Lodging date: Complete		Granted date	
51	G01N	23	2022/08/01		
71	Full name(s) of applicant(s)/Patentee(s):				
PAWADE, VIJAY B. DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India JANBANDHU, Kapil S. DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India YERPUDE, Atul N. DEPARTMENT OF PHYSICS, N. H. COLLEGE, BRAMHAPURI, MAHARASHTRA, 441206, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India					
71	Applicant substituted:			Date registered	
71	Assignee(s):			Date registered	
72	Full name(s) of inventor(s):				
PAWADE, VIJAY B. JANBANDHU, Kapil S. DHOBLE, Sanjay J. YERPUDE, Atul N. BOKARE, Prashant S.					
Priority claimed:		Country	Number	Date	
54	Title of invention				
SYNTHESIS PROCESS AND 808 NM LASER LIGHT EXCITED NOVEL BROADBAND EMITTING HO3+/YB3+/ND3+ CO DOPED KALF4UP CONVERTING PHOSPHOR FOR BIO IMAGING AND DISPLAY APPLICATIONS					
Address of applicant(s)/patentee(s):					
DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033 INDIA DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033 INDIA DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033 INDIA DEPARTMENT OF PHYSICS, N. H. COLLEGE, BRAMHAPURI, MAHARASHTRA, 441206 INDIA GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605 INDIA					
74	Address for service				
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA Reference No. 2218LPS					
61	Patent of addition No.			Date of any change	
This document has been generated by CIPC on this 2nd day of August 2022					
Fresh application based on.			Date of any change		

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
APPLICATION OR REQUEST TO THE REGISTRAR
(REGULATION 39)

OFFICIAL APPLICATION NO.		
21	01	2022/08575

AGENT REFERENCE
2218LPS

IN THE NAME OF:	
71	PAWADE, VIJAY B. JANBANDHU, Kapil S. DHOBLE, Sanjay J. YERPUDE, Atul N. BOKARE, Prashant S.

In terms of the following section(s) 40 of the Act and/or regulation(s) 39 and 44 of the Patent Regulations, the applicant hereby request the following:

to expedite acceptance of the application.

Documents, if any, lodged in support of the request:

N/A

ADDRESS FOR SERVICE

74	Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA
----	---

1 August 2022

Submitted online by : Wolmarans and
Susan Inc.

Signature of Applicant

FOR OFFICIAL USE ONLY

The above application or request is hereby allowed/refused.

Reasons for refusal of conditions of allowance, if any:

OFFICIAL DATE STAMP

REGISTRAR OF PATENTS

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
COMPLETE SPECIFICATION
[Section 30(1) – Regulation 28]

OFFICIAL APPLICATION NO.

21	01	2022/08575
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LODGING DATE

22	2022/08/01
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INTERNATIONAL CLASSIFICATION

51	G01N
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FULL NAME(S) OF APPLICANT(S)

71	<p>PAWADE, VIJAY B. DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India JANBANDHU, Kapil S. DEPARTMENT OF APPLIED-PHYSICS, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India YERPUDE, Atul N. DEPARTMENT OF PHYSICS, N. H. COLLEGE, BRAMHAPURI, MAHARASHTRA, 441206, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India</p>
----	---

FULL NAME(S) OF INVENTORS(S)

72	<p>1. PAWADE, VIJAY B. 2. JANBANDHU, Kapil S. 3. DHOBLE, Sanjay J. 4. YERPUDE, Atul N. 5. BOKARE, Prashant S.</p>
----	---

TITLE OF INVENTION

54	SYNTHESIS PROCESS AND 808 NM LASER LIGHT EXCITED NOVEL BROADBAND EMITTING HO₃+YB₃+ND₃+ CO DOPED KALF₄UP CONVERTING PHOSPHOR FOR BIO IMAGING AND DISPLAY APPLICATIONS
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ADV. SWAPNIL GAWANDE
ADV. ASHUTOSH SWARNKAR



Office: R-9 Harshnil, Eknath Puram, Nr. Yogakshem Colony, Amravati (M.S.)-444607

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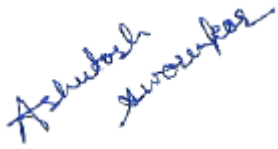
INVOICE

To,		
Gondwana University, Gadchiroli, Maharashtra	Date: 15/08/2022	Invoice No. 2022/0133

Ref. Title:
SYNTHESIS PROCESS AND 808 NM LASER LIGHT EXCITED NOVEL BROADBAND EMITTING HO3+/YB3+/ND3+ CO DOPED KALF4UP CONVERTING PHOSPHOR FOR BIO IMAGING AND DISPLAY APPLICATIONS
Inventors name: PAWADE, VIJAY B., JANBANDHU, Kapil S., DHOBLE, Sanjay J., YERPUDE, Atul N., BOKARE, Prashant S.
Ref. Application Number: 2022/08575

Sr. No.	Description	Quantity X Amount	Total Amount [INR]
1	South Africa Patent Applications Drafting, Filing and Prosecution fees	1 X 45000	45000
Final Total			45000 /-

In Words:- Forty Five Thousand Rupees Only

Term & Condition:	
<ul style="list-style-type: none">Subject to Amravati JurisdictionReceipt shall be issued on realization of amount	 Adv. Ashutosh Swarnkar (Regd. Patent Agent IN/PA 2440)
This is Computer Generated Invoice.	Under entry 3 of service by Advocate under reverse charge as approved by GST council, service charge (18%) is to be paid by service receiver (if applicable).
Account details are as follows;	
Name: Ashutosh Swarnkar Account No.: 33966028026 IFSC Code: SBIN0007364 Branch: SBI , Evening Branch, rajendra marg, Bhilwara-311001	

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT

[Section 30 (1)-Regulation 22]

The granting of a patent is hereby requested by the undermentioned applicant on the basis of the present application.

Official Application No.		Applicant's or Agent's Reference
21	01	2022/08577
		2220LPS

71	Full Name(s) of Applicant(s)
CHOPRA, Vibha P.G. DEPARTMENT OF PHYSICS & ELECTRONICS, DAV COLLEGE, AMRITSAR, PUNJAB, 143001, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India	

54	Title of invention
A LOW COST UVC BASED AIR PURIFIER	

The applicant claims priority as set out on the accompanying Form P.2. The earliest priority claimed is		
COUNTRY:	NUMBER:	DATE:

This application is for a patent of addition to patent application No.		
21	01	

This application is a fresh application in terms of section 37 and based on Application No.		
21	01	

This application is accompanied by:	
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X	1.	A single copy of a complete specification of 8 pages.
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X	3.	Publication particulars and abstract(Form P8)
X	4.	A copy of a figure of the drawing (if any) for the abstract
	5.	Assignment of invention
	6.	Certified priority document(s)
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	10.	A declaration and power of attorney on Form P3
	11.	Statement on the use of indigenous Biological Resource, Genetic Resource, Traditional Knowledge or Use on Form P26
X	12.	
X	13.	Other Supporting Document

74	Address of Service:
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA	

Dated this 1st day of August 2022

Submitted online by : Wolmarans and Susan Inc.

.....

Signature of Applicant(s)

This is returned to the applicant's
address for service as proof of lodging.

RECEIVED
Official Date Stamp
..... Registrar of Patents

REPUBLIC OF SOUTH AFRICA

REGISTER OF PATENTS

PATENTS ACT, 1978

Official application No.		Lodging date: Provisional		Acceptance date	
21	01	2022/08577		22	
International classification		Lodging date: Complete		Granted date	
51	A61L		23	2022/08/01	
71	Full name(s) of applicant(s)/Patentee(s):				
CHOPRA, Vibha P.G. DEPARTMENT OF PHYSICS & ELECTRONICS, DAV COLLEGE, AMRITSAR, PUNJAB, 143001, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India					
71	Applicant substituted:			Date registered	
71	Assignee(s):			Date registered	
72	Full name(s) of inventor(s):				
CHOPRA, Vibha DHOBLE, Sanjay J. BOKARE, Prashant S.					
Priority claimed:		Country	Number		Date
54	Title of invention				
A LOW COST UVC BASED AIR PURIFIER					
Address of applicant(s)/patentee(s):					
P.G. DEPARTMENT OF PHYSICS & ELECTRONICS, DAV COLLEGE, AMRITSAR, PUNJAB, 143001 INDIA DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033 INDIA GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605 INDIA					
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Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA Reference No. 2220LPS					
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APPLICATION OR REQUEST TO THE REGISTRAR
(REGULATION 39)

OFFICIAL APPLICATION NO.		
21	01	2022/08577

AGENT REFERENCE
2220LPS

IN THE NAME OF:	
71	CHOPRA, Vibha DHOBLE, Sanjay J. BOKARE, Prashant S.

In terms of the following section(s) 40 of the Act and/or regulation(s) 39 and 44 of the Patent Regulations, the applicant hereby request the following:

to expedite acceptance of the application

Documents, if any, lodged in support of the request:

N/A

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74	Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA
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1 August 2022

Submitted online by : Wolmarans and
Susan Inc.

Signature of Applicant

FOR OFFICIAL USE ONLY

The above application or request is hereby allowed/refused.

Reasons for refusal of conditions of allowance, if any:

OFFICIAL DATE STAMP

REGISTRAR OF PATENTS

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
COMPLETE SPECIFICATION
[Section 30(1) – Regulation 28]

OFFICIAL APPLICATION NO.

21	01	2022/08577
----	----	-------------------

LODGING DATE

22	2022/08/01
----	------------

INTERNATIONAL CLASSIFICATION

51	A61L
----	------

FULL NAME(S) OF APPLICANT(S)

71	CHOPRA, Vibha P.G. DEPARTMENT OF PHYSICS & ELECTRONICS, DAV COLLEGE, AMRITSAR, PUNJAB, 143001, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India
----	---

FULL NAME(S) OF INVENTORS(S)

72	1. CHOPRA, Vibha 2. DHOBLE, Sanjay J. 3. BOKARE, Prashant S.
----	--

TITLE OF INVENTION

54	A LOW COST UVC BASED AIR PURIFIER
----	--

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
PUBLICATION PARTICULARS AND ABSTRACT
[Section 32(3)(a) – Regulation 2291)(g) AND 31]

OFFICIAL APPLICATION NO.		LODGING DATE	ACCEPTANCE DATE
21	01	22	2022/08/01
2022/08577			

INTERNATIONAL CLASSIFICATION	NOT FOR PUBLICATION
51	A61L
	CLASSIFIED BY: Wolmarans and Susan Inc.

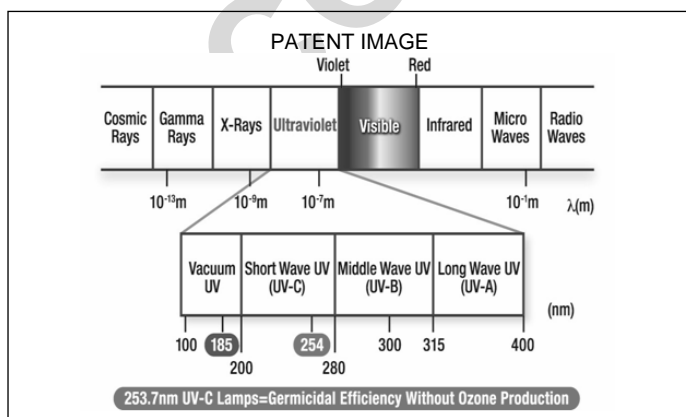
FULL NAME(S) OF APPLICANT(S)	
71	CHOPRA, Vibha P.G. DEPARTMENT OF PHYSICS & ELECTRONICS, DAV COLLEGE, AMRITSAR, PUNJAB, 143001, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India

FULL NAME(S) OF INVENTORS(S)	
72	1. CHOPRA, Vibha 2. DHOBLE, Sanjay J. 3. BOKARE, Prashant S.

COUNTRY	EARLIEST PRIORITY CLAIMED NUMBER	DATE
33	31	32

TITLE OF INVENTION	
54	A LOW COST UVC BASED AIR PURIFIER

57	There are lot of microorganisms that float freely within the air of a room. Now a days Corona virus has posed a global panic and challenge too. The only method to cope up with this challenge is disinfection of air and UVC Air disinfection is far more effective than the conventional means for disinfecting air. For cleaning the room air, low cost, simple and portable device should be designed that can leads to a substantial reduction of airborne organisms present in a room. The UVC air disinfection process involves the process of forcing air into the irradiated region of a UV disinfection device using natural convection that results into the killing of airborne microorganisms and making air healthy to breathe.
----	---



ADV. SWAPNIL GAWANDE
ADV. ASHUTOSH SWARNKAR



Office: R-9 Harshnil, Eknath Puram, Nr. Yogakshem Colony, Amravati (M.S.)-444607

Ph. 0721-2566861 Mob: 9890333567, 9214515937

E-Mail: sjgawande@gmail.com, patentconsult.ashu@gmail.com

www.bliconsultancy.co.in

INVOICE

To, Gondwana University, Gadchiroli, Maharashtra	Date: 15/08/2022	Invoice No. 2022/0131
--	------------------	-----------------------

Ref. Title: A LOW COST UVC BASED AIR PURIFIER Inventors name: CHOPRA, Vibha, DHOBLE, Sanjay J. and BOKARE, Prashant S. Ref. Application Number: 2022/08577

Sr. No.	Description	Quantity X Amount	Total Amount [INR]
1	South Africa Patent Applications Drafting, Filing and Prosecution fees	1 X 45000	45000

Final Total	45000 /-
--------------------	----------

In Words:- Forty Five Thousand Rupees Only

Term & Condition: <ul style="list-style-type: none">Subject to Amravati JurisdictionReceipt shall be issued on realization of amount	 Adv. Ashutosh Swarnkar (Regd. Patent Agent IN/PA 2440)
---	---

This is Computer Generated Invoice.	Under entry 3 of service by Advocate under reverse charge as approved by GST council, service charge (18%) is to be paid by service receiver (if applicable).
-------------------------------------	---

Account details are as follows; Name: Ashutosh Swarnkar Account No.: 33966028026 IFSC Code: SBIN0007364 Branch: SBI , Evening Branch, rajendra marg, Bhilwara-311001	
---	--

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT

[Section 30 (1)-Regulation 22]

The granting of a patent is hereby requested by the undermentioned applicant on the basis of the present application.

Official Application No.		Applicant's or Agent's Reference
21	01	2022/08578
		2221LPS

71	Full Name(s) of Applicant(s)
TANWAR, Shruti DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India PARAUHA, Yatish R. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India THERE, Yogesh DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India	

54	Title of invention
CYMBOPOGON CITRATUSPLANT-MEDIATED SYNTHESIS PROCESS OF AL ₂ O ₃ :EU PHOSPHORS FOR ENHANCING WLEDs AND SOLAR CELL EFFICIENCY	

The applicant claims priority as set out on the accompanying Form P.2. The earliest priority claimed is		
COUNTRY:	NUMBER:	DATE:

This application is for a patent of addition to patent application No.		
---	--	--

21	01	
----	----	--

This application is a fresh application in terms of section 37 and based on Application No.		
--	--	--

21	01	
----	----	--

This application is accompanied by:		
X	1.	A single copy of a complete specification of 13 pages.
X	2.	Drawings of 3 sheet(s).
X	3.	Publication particulars and abstract(Form P8)
X	4.	A copy of a figure of the drawing (if any) for the abstract
	5.	Assignment of invention
	6.	Certified priority document(s)
	7.	Translation(s) of the priority document(s)
	8.	Assignment of priority rights
	9.	A copy of the Form P.2 and the specification of S.A Patent Application (if applicable).
	10.	A declaration and power of attorney on Form P3
	11.	Statement on the use of indigenous Biological Resource, Genetic Resource, Traditional Knowledge or Use on Form P26
X	12.	
X	13.	Other Supporting Document

74	Address of Service:
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA	

Dated this 1st day of August 2022

Submitted online by : Wolmarans and Susan Inc.

.....

Signature of Applicant(s)

This is returned to the applicant's
address for service as proof of lodging.

RECEIVED
Official Date Stamp
..... Registrar of Patents

REPUBLIC OF SOUTH AFRICA

REGISTER OF PATENTS

PATENTS ACT, 1978

Official application No.		Lodging date: Provisional		Acceptance date	
21	01	2022/08578		22	
International classification		Lodging date: Complete		Granted date	
51	H01M		23	2022/08/01	
71	Full name(s) of applicant(s)/Patentee(s):				
TANWAR, Shruti DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India PARAUHA, Yatish R. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India THERE, Yogesh DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India					
71	Applicant substituted:			Date registered	
71	Assignee(s):			Date registered	
72	Full name(s) of inventor(s):				
TANWAR, Shruti PARAUHA, Yatish R. THERE, Yogesh BOKARE, Prashant S. DHOBLE, Sanjay J.					
Priority claimed:		Country	Number		Date
54	Title of invention				
CYMOPOGON CITRATUSPLANT-MEDIATED SYNTHESIS PROCESS OF AL₂O₃:EU PHOSPHORS FOR ENHANCING WLEDs AND SOLAR CELL EFFICIENCY					
Address of applicant(s)/patentee(s):					
DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111 INDIA DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033 INDIA DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111 INDIA GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605 INDIA DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033 INDIA					
74	Address for service				
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA Reference No. 2221LPS					
61	Patent of addition No.			Date of any change	
Fresh application based on.			Date of any change		

This document has been generated by e-Patent on the 24 day of August 2022

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
APPLICATION OR REQUEST TO THE REGISTRAR
(REGULATION 39)

OFFICIAL APPLICATION NO.		
21	01	2022/08578

AGENT REFERENCE
2221LPS

IN THE NAME OF:	
71	TANWAR, Shruti PARAUHA, Yatish R. THERE, Yogesh BOKARE, Prashant S. DHOBLE, Sanjay J.

In terms of the following section(s) 40 of the Act and/or regulation(s) 39 and 44 of the Patent Regulations, the applicant hereby request the following:

to expedite acceptance of the application.

Documents, if any, lodged in support of the request:

N/A

ADDRESS FOR SERVICE

74	Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA
----	---

1 August 2022

Submitted online by : Wolmarans and
Susan Inc.

Signature of Applicant

FOR OFFICIAL USE ONLY

The above application or request is hereby allowed/refused.

Reasons for refusal of conditions of allowance, if any:

OFFICIAL DATE STAMP

REGISTRAR OF PATENTS

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
COMPLETE SPECIFICATION
[Section 30(1) – Regulation 28]

OFFICIAL APPLICATION NO.

21	01	2022/08578
----	----	-------------------

LODGING DATE

22	2022/08/01
----	------------

INTERNATIONAL CLASSIFICATION

51	H01M
----	------

FULL NAME(S) OF APPLICANT(S)

71	<p>TANWAR, Shruti DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India PARAUHA, Yatish R. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India THERE, Yogesh DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India</p>
----	--

FULL NAME(S) OF INVENTORS(S)

72	<p>1. TANWAR, Shruti 2. PARAUHA, Yatish R. 3. THERE, Yogesh 4. BOKARE, Prashant S. 5. DHOBLE, Sanjay J.</p>
----	---

TITLE OF INVENTION

54	CYMBOPOGON CITRATUS PLANT-MEDIATED SYNTHESIS PROCESS OF AL₂O₃:EU PHOSPHORS FOR ENHANCING WLEDs AND SOLAR CELL EFFICIENCY
----	---

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
PUBLICATION PARTICULARS AND ABSTRACT
[Section 32(3)(a) – Regulation 2291)(g) AND 31]

OFFICIAL APPLICATION NO.		LODGING DATE	ACCEPTANCE DATE
21	01	22	2022/08/01
2022/08578			

INTERNATIONAL CLASSIFICATION	NOT FOR PUBLICATION
51	H01M
	CLASSIFIED BY: Wolmarans and Susan Inc.

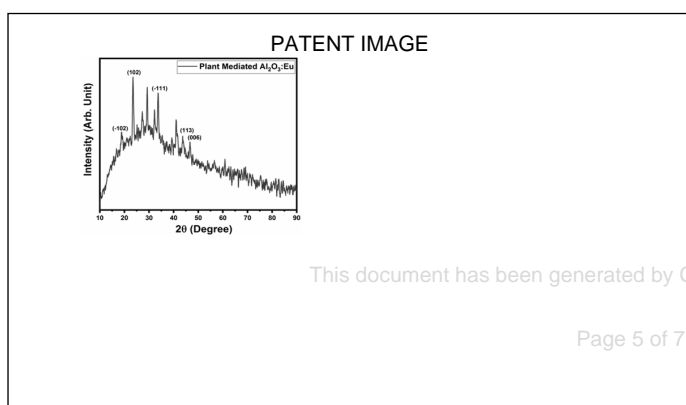
FULL NAME(S) OF APPLICANT(S)	
71	<p>TANWAR, Shruti DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India PARAUHA, Yatish R. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India THERE, Yogesh DEPARTMENT OF MICROBIOLOGY, TAYWADE COLLEGE, MAHADULA-KORADI, NAGPUR, MAHARASHTRA, 441111, India BOKARE, Prashant S. GONDWANA UNIVERSITY, GADCHIROLI, MAHARASHTRA, 442605, India DHOBLE, Sanjay J. DEPARTMENT OF PHYSICS, R.T.M. NAGPUR UNIVERSITY, NAGPUR, MAHARASHTRA, 440033, India</p>

FULL NAME(S) OF INVENTORS(S)	
72	<p>1. TANWAR, Shruti 2. PARAUHA, Yatish R. 3. THERE, Yogesh 4. BOKARE, Prashant S. 5. DHOBLE, Sanjay J.</p>

EARLIEST PRIORITY CLAIMED		
COUNTRY	NUMBER	DATE
33	31	32

TITLE OF INVENTION	
54	<p>CYMBOPOGON CITRATUS PLANT-MEDIATED SYNTHESIS PROCESS OF AL₂O₃:EU PHOSPHORS FOR ENHANCING WLEDs AND SOLAR CELL EFFICIENCY</p>

57	<p>The green synthesis of metal oxides nanoparticles being as quick and eco-friendly synthetic method is a prevailing research trend alternative to toxic chemical synthetic routes. The objective of designing this research work is to reduce the negative impacts of synthetic methods and to flourish environmentally benign synthetic route for the metallic nanoparticles' synthesis. The present study was carried out to bio-synthesize the Al₂O₃:Eu phosphor using a basic building block plant extract. The Al₂O₃:Eu phosphors were synthesized using aqueous Cymbopogon citratus (Lemon Grass) extract solution as capping agent. The green route synthesized Al₂O₃:Eu phosphors were used for morphological studies by SEM and EDAX, Structural studies were carried out by X-ray Diffraction (XRD) pattern and optical analysis by Photoluminescence (PL). The PL properties of the synthesized samples are recorded at different stages of the synthesis. The PL properties of synthesized samples suitable for WLEDs. In addition, synthesized samples were coated on the surface of blank solar cell using doctor blade method and I-V characteristics were recorded. The output of this investigation demonstrates that synthesized sample have good potential for WLEDs and enhancement of solar cell efficiency.</p>
----	---



ADV. SWAPNIL GAWANDE
ADV. ASHUTOSH SWARNKAR



Office: R-9 Harshnil, Eknath Puram, Nr. Yogakshem Colony, Amravati (M.S.)-444607

Ph. 0721-2566861 Mob: 9890333567, 9214515937

E-Mail: sjgawande@gmail.com, patentconsult.ashu@gmail.com

www.bliconsultancy.co.in

INVOICE

To,		
Gondwana University, Gadchiroli, Maharashtra	Date: 15/08/2022	Invoice No. 2022/0132

Ref. Title:
CYBBOGON CITRATUSPLANT-MEDIATED SYNTHESIS PROCESS OF AL ₂ O ₃ :EU PHOSPHORS FOR ENHANCING WLEDs AND SOLAR CELL EFFICIENCY
Inventors name: TANWAR, Shruti, PARAUHA, Yatish R., THERE, Yogesh, BOKARE, Prashant S., DHOBLE, Sanjay J.
Ref. Application Number: 2022/08578

Sr. No.	Description	Quantity X Amount	Total Amount [INR]
1	South Africa Patent Applications Drafting, Filing and Prosecution fees	1 X 45000	45000
Final Total			45000 /-

In Words:- Forty Five Thousand Rupees Only

Term & Condition:	
<ul style="list-style-type: none">Subject to Amravati JurisdictionReceipt shall be issued on realization of amount	 Adv. Ashutosh Swarnkar (Regd. Patent Agent IN/PA 2440)

This is Computer Generated Invoice.	Under entry 3 of service by Advocate under reverse charge as approved by GST council, service charge (18%) is to be paid by service receiver (if applicable).
-------------------------------------	---

Account details are as follows;	
Name: Ashutosh Swarnkar Account No.: 33966028026 IFSC Code: SBIN0007364 Branch: SBI, Evening Branch, rajendra marg, Bhilwara-311001	



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6318265

Grant date: 30 October 2023

Registration date: 11 October 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Maneesh Vilas Deshpande, Dr. Diwakar Ramanuj Tripathi, Dr. Krishna

Dinanath Karoo, Mr. Meghraj Manikrao Jogi, Mr. Vikas Atmaram Chitte

in respect of the application of such design to:

Portable Device to Identify Early Detection of Refilling of Gas Cylinder by Using

Pressure Based Sensor Technology

International Design Classification:

Version: 14-2023

Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING
INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS

Subclass: 04 OTHER MEASURING INSTRUMENTS, APPARATUS AND
DEVICES

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.





Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6386466

Grant date: 03 September 2024

Registration date: 23 August 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Diwakar Ramanuj Tripathi, Dr. Maneesh Vilas Deshpande, Dr. Vrushali

Pramod Parkhi, Dr. Swapnil G Deshpande

in respect of the application of such design to:

Portable Tablet computer

International Design Classification:

Version: 14-2023

Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING EQUIPMENT

Subclass: 02 DATA PROCESSING EQUIPMENT AS WELL AS PERIPHERAL APPARATUS AND DEVICES

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Intellectual Property Office is an operating name of the Patent Office

www.gov.uk/ipo



Australian Government

IP Australia

CERTIFICATE OF REGISTRATION DESIGN

Design number: 202413593

The Registrar of Designs has registered the design represented on this certificate and certifies that the following particulars have been entered in the Register of Designs.

Name and address of owner(s):

Dr. Diwakar Ramanuj Tripathi of Plot No 184 Kamgar Colony Subhash Nagar Hingna Road Nagpur India

Dr. Ashwini Ghogare of F1/5, Shubh Shree Woods, Kunal Icon Road, Pimple Saudagar Pune India

Dr. Maneesh Vilash Deshpande of Plot No 41, Sudarshan Nagar, Khadse Layout Wardha Maharashtra India

Product to which the design is registered:

Quantum Sensing Device for Environmental Monitoring

Name of designer(s):

Dr. Diwakar Ramanuj Tripathi, Dr. Ashwini Ghogare and Dr. Maneesh Vilas Deshpande

Date of filing:

1 June 2024

Date of registration:

17 July 2024

Term of initial registration:

Five years commencing on 1 June 2024

Statement of newness and distinctiveness:

NOTE: This Design Registration cannot be enforced unless and until it has been examined by the Registrar of Designs and a Certificate of Examination has been issued. See sections 73(3) and 77(3) of the Designs Act 2003, set out on the reverse of this document.



Dated this 17th day of July 2024

Registrar of Designs

DESIGNS ACT 2003

The Australian Designs Register is the official record and should be referred to for the full details pertaining to this IP Right.



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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



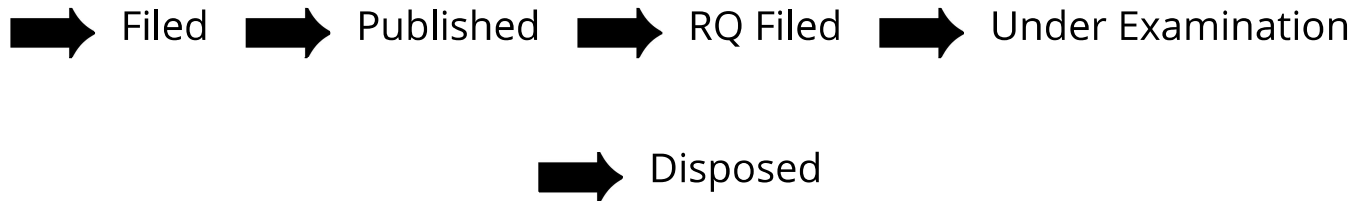
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221011332
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/03/2022
APPLICANT NAME	1 . Mr. Manohar Golait 2 . Mr.M.Suresh 3 . Mr.Muthuraj K 4 . Mr.V.R.Mani 5 . Mr.D Naveen Kumar 6 . Mr.Bhaskarrao Yakkala 7 . Mr. Vishal Gajghate 8 . Mrs.J.Deepa 9 . Mr.Bhaskar Kamal Baishya 10 . Dr. Sunil D. Bagde
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE AND BIG DATA TECHNIQUES WITH MACHINE LEARNING USING WIRELESS SENSOR NETWORKS BASED SECURE HEALTHCARE FRAMEWORK FOR COVID-19
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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



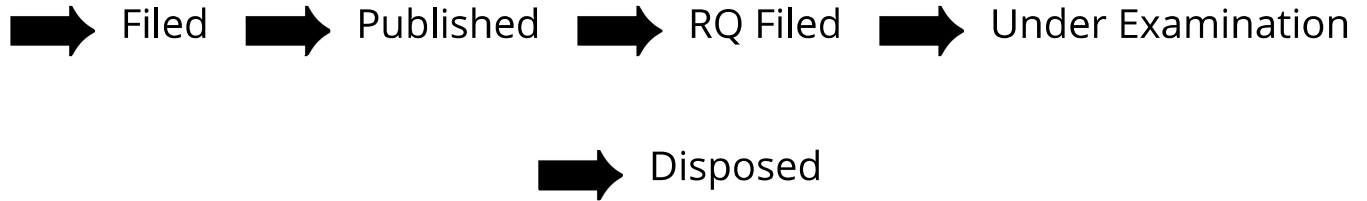
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202341004270
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/01/2023
APPLICANT NAME	1 . Dr. B. Pardha Saradhi 2 . Dr. Sunil D. Bagde 3 . Dr. Rudra Ravi Kumar Palegari 4 . Dr. S. Sridevi 5 . Dr. V. Bhagyalakshmi 6 . Mr. Nitin Sampat Abhale 7 . Mr. Shivaji Sampat Pawar 8 . Dr. Kotla Revathi 9 . Dr. Bhagavathula Venkata Narayana Murthy 10 . Mr. Keshav Kumar K
TITLE OF INVENTION	Accelerating Gaussian elimination using a vector matrix multiplication accelerator
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	03mrmanoj@gmail.com
ADDITIONAL-EMAIL (As Per Record)	03mrmanoj@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/02/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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



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

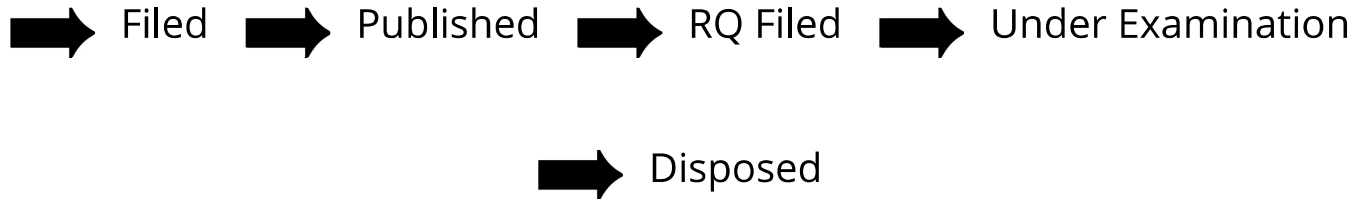
Application Details

APPLICATION NUMBER	202321028589
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/04/2023
APPLICANT NAME	1 . DR. SUNIL DADARAOJI BAGDE 2 . DR. AMRAPALI PANDURANG WASNIK 3 . DR. PRAMOD PRADHAN KHADE
TITLE OF INVENTION	COMPUTATIONAL METHODS FOR SOLVING DIFFERENTIAL EQUATIONS AND NUMERICAL ANALYSIS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	ssapatents@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sunilkumarbagde@rediffmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/05/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



ORIGINAL

मूल/No : 121610



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	369633-001
तारीख / Date	:	23/08/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BAMBOO EARRINGS** से संबंधित है, का पंजीकरण, श्रेणी **11-01** में Science And Technology Resource Centre, Gondwana University के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **11-01** in respect of the application of such design to **BAMBOO EARRINGS** in the name of Science And Technology Resource Centre, Gondwana University.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 23/12/2022

महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
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पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 135403



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पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	369636-001
तारीख / Date	:	23/08/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BAMBOO SEED SPACER** से संबंधित है, का पंजीकरण, श्रेणी **08-05** में Science And Technology Resource Centre, Gondwana University के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

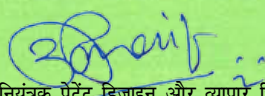
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **08-05** in respect of the application of such design to **BAMBOO SEED SPACER** in the name of Science And Technology Resource Centre, Gondwana University.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 16/05/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 132788



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	369632-001
तारीख / Date	:	23/08/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BAMBOO TROPHY** से संबंधित है, का पंजीकरण, श्रेणी **11-02** में Science And Technology Resource Centre, Gondwana University के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

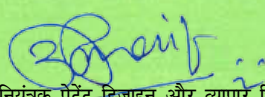
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **11-02** in respect of the application of such design to **BAMBOO TROPHY** in the name of Science And Technology Resource Centre, Gondwana University.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 10/04/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
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पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 137343



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	369634-001
तारीख / Date	:	23/08/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BAMBOO LOTUS** से संबंधित है, का पंजीकरण, श्रेणी **11-04** में Science And Technology Resource Centre, Gondwana University के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

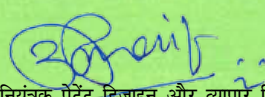
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **11-04** in respect of the application of such design to **BAMBOO LOTUS** in the name of Science And Technology Resource Centre, Gondwana University.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 23/05/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
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पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 120989



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पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	369635-001
तारीख / Date	:	23/08/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BAMBOO POULTRY SHED** से संबंधित है, का पंजीकरण, श्रेणी **25-03** में Science And Technology Resource Centre, Gondwana University के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

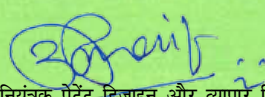
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **25-03** in respect of the application of such design to **BAMBOO POULTRY SHED** in the name of Science And Technology Resource Centre, Gondwana University.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 22/12/2022


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

क्रम सं/ Serial No.: 170332



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र

Certificate of Registration of Design

डिजाइन सं. / Design No.

413016-001

तारीख / Date

09/04/2024

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **SOLAR ENERGY MANAGEMENT DEVICE** से संबंधित है, का पंजीकरण, श्रेणी 13-04 में 1.Dr. V. Vedanarayanan 2. Prashant Shakuntala Ashok Sonawane 3.Arun Arora 4.Dr. Soudamini Behera 5.Shiny. A के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 13-04 in respect of the application of such design to **SOLAR ENERGY MANAGEMENT DEVICE** in the name of 1.Dr. V. Vedanarayanan 2. Prashant Shakuntala Ashok Sonawane 3.Arun Arora 4.Dr. Soudamini Behera 5.Shiny. A.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अधधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि :

Date of Issue

17/05/2024



कुलत की संस्थिति

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

No. 112714

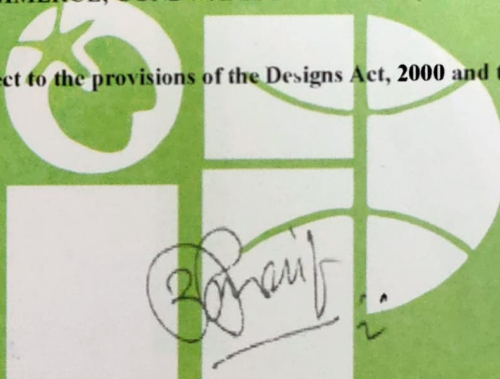
भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 358283-001
Date 09/02/2022 20:08:45
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 14-02 in respect of the application of such design to SMART PROBLEM RESOLVING DEVICE FOR INSTITUTIONS in the name of DR. PRASHANT ASHOK SONAWANE, ASSISTANT PROFESSOR, POST GRADUATE TEACHING, DEPARTMENT OF COMMERCE, GONDWANA UNIVERSITY, GADCHIROLI

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.



Controller General of Patents, Designs and Trade Marks

*The reciprocity date (if any) which has been allowed and the name of the country.

Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.

This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. PRASHANT ASHOK SONAWANE ASSISTANT
PROFESSOR,
POST GRADUATE TEACHING DEPARTMENT OF
COMMERCE, GONDWANA UNIVERSITY, MIDC RD,
COMPLEX, GADCHIROLI, MAHARASHTRA 442605

Date of Issue 29/04/2022 16:33:03



ORIGINAL

क्रम सं/ Serial No.: 153290



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र

Certificate of Registration of Design

डिजाइन सं. / Design No.

399864-001

तारीख / Date

13/11/2023

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **INVENTORY MANAGEMENT DEVICE FOR SUPERMARKET** से संबंधित है, का पंजीकरण, श्रेणी 14-02 में 1.Dr. Prashant Ashok Sonawane 2. Dr. Madhuri Aggarwal 3.Dr. Vandana Madaan 4.Mr.Surinder Pal Singh 5.Dr Anjali Singh के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 14-02 in respect of the application of such design to **INVENTORY MANAGEMENT DEVICE FOR SUPERMARKET** in the name of 1.Dr. Prashant Ashok Sonawane 2. Dr. Madhuri Aggarwal 3.Dr. Vandana Madaan 4.Mr.Surinder Pal Singh 5.Dr Anjali Singh.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अधधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 11/01/2024
Date of Issue



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Applicant Name:

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Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
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Application Details

APPLICATION NUMBER	202221028967
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/05/2022
APPLICANT NAME	1 . GONDWANA UNIVERSITY 2 . DR. JAGDISH W. GABHANE 3 . DR. JAGDISH W. GABHANE MR. UMESH K. WARGHANE
TITLE OF INVENTION	"A PROCESS FOR PREPARING MUNICIPAL SOLID WASTE BASED STABLE COMPOST WITH REDUCED MATURITY PERIOD AND PHYSICO-CHEMICAL PROPERTIES"
FIELD OF INVENTION	CHEMICAL
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E-MAIL (UPDATED Online)	
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Application Status

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शासकीय जर्नल

**OFFICIAL JOURNAL
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PUBLICATION OF THE PATENT OFFICE

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.

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(57) Abstract :

Disclosed is a process for preparing municipal soil waste based stable compost with reduced maturity period and optimal physical-chemical properties wherein the pH of the compost is 6.5-7.5; and wherein the C/N ratio is15-20. Fig. 1

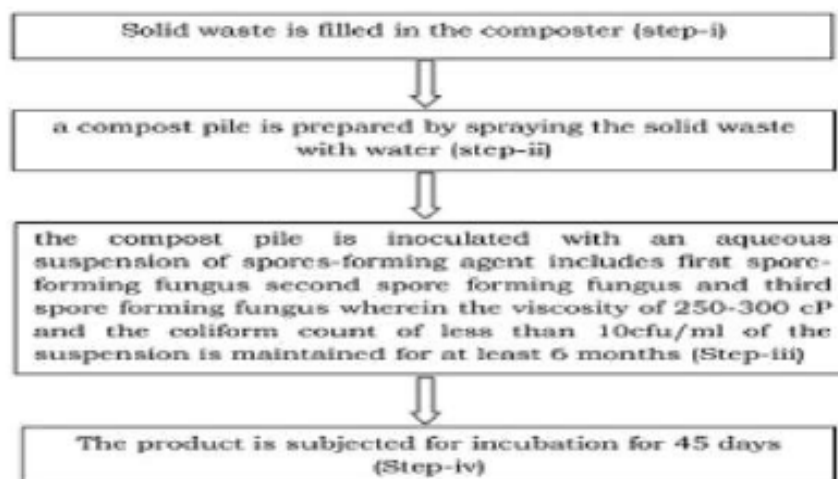


Figure 1

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