SHIVAJI UNIVERSITY KOLHAPUR (M.S.)

CRITERIA-III

EVIDENCE(S) AS PER SOP

METRIC NO. 3.4.3	Number of Patents published /awarded during the last five years				
1. e-copies of the letters of awards and the current status					

Note: The evidences for the said matrix are partly uploaded on NAAC portal and partly on university web portal. The web link is provided in the said matrix.

Cathode material for secondary battery, method for preparing thereof and secondary battery comprising same

이차전지용 양극소재, 이의 제조방법 및 이를 포함하는 이차전지

Details Unexam. Full Text Publ. Full Text Registr. Details Administrative

Details <u>Biographical Information</u> Legal Status Claim Designated States Citation Family Patent

(71) Applicant

No.	Name	Country	Address
1	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY 한국과학기술연구원 (319980077518)	Korea	서울특별시 성북구 화랑로**길 * (하월곡동)

(72) Inventor

No.	Name	Country	Address
1	Chung, Kyung Yoon 정경윤	Republic of Korea	서울특별시 성북구
2	Nam, Kyung-Wan 남경완	Republic of Korea	경기도 성남시 분당구
3	Ghulam Ali 굴람알리	Pakistan	서울특별시 성북구 화랑로 **길 *
4	Bhange, Deu Soudagar 데우소우다거반지	India	서울특별시 중구 필동로*길 ** (필동*가)

(74) Agent

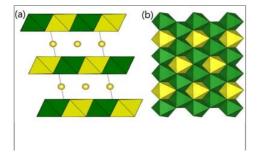
No.	Name	Country	Address
1	CHUNG HYUN PATENT&LAW FIRM 특허법인충현 (920101000219)	Korea	Bethellhall *F, Dongsanno **, Seocho-Gu, Seoul, Korea

Cathode material for secondary battery, method for preparing thereof and secondary battery comprising same

이차전지용 양극소재, 이의 제조방법 및 이를 포함하는 이차전지

Details Unexam. Full Text Pub	bl. Full Text Registr. Details Administrative
<u>Details</u> Biographical Information	n Legal Status Claim Designated States Citation Family Patent
	10/054(2013.01) C01D 13/00(2013.01) H01M 2220/20(2013.01) H01M
	2220/10(2013.01) Y02E 60/12(2013.01)
21) Application No.(Date)	1020160047401 (2016.04.19)
71) Applicant	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY
11) Registration No.(Date)	1017976610000 (2017.11.08)
65) Unex. Pub. No.(Date)	1020170119423 (2017.10.27)
11) Publication No.(Date)	(2017.11.15)
86) Int'l Application No.(Date)	2)
87) Int'l Unex. Pub. No.(Date))
30) Priority info. Country / No. / Date)	
egal Status	Registered
xamination Status	Decision to grant (General)
rial Info	
ind	Domestic Application / New Application
tight of Org. Application No. Date)	
Related Application No.	
Request for an examination(Da	ate) Y(2016.04.19)
umbor of overmination claims	

Number of examination claims 6







	Application Details
APPLICATION NUMBER	366/MUM/2015
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/02/2015
APPLICANT NAME	1 . MR. CHAVAN SHAMKUMAR BHIMRAO 2 . MR. CHAVAN MAHESHKUMAR SHRIKANT
TITLE OF INVENTION	FAULT TOLERANT FULL BRIDGE DC-DC CONVERTER FOR PHOTOVOLTAIC SYSTEM
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	sbc_tech@unishivaji.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	01/02/2016
PUBLICATION DATE (U/S 11A)	05/02/2016
FIRST EXAMINATION REPORT DATE	31/12/2018

Application Status					
APPLICATION STATUS	Application Examined (Fer Is	ssued)			
		View Documents			

1 of 1 4/16/2019, 5:12 PM





	Application Details
APPLICATION NUMBER	201721021855
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/06/2017
APPLICANT NAME	1 . MR. SHAMKUMAR BHIMRAO CHAVAN 2 . MR. CHAVAN MAHESH SRIKANT
TITLE OF INVENTION	GATE DRIVER WITH POWER SWITCH FAULT TOLERANCE COMPETENCE.
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	sbc_tech@unishivaji.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	22/06/2017
PUBLICATION DATE (U/S 11A)	07/07/2017

Application Status					
APPLICATION STATUS	Application Awaiting Examina	ation			
		View Documents			

1 of 1 4/18/2019, 12:33 PM

"FORM 1	"FORM 1 (FOR OFFICE USE ONLY)							
THE PATENTS ACT 1970 (39 of 1970) and								
THE PATENTS RULES, 2003								
APPLICA	APPLICATION FOR GRANT OF PATENT							
(See section	(See section 7, 54 and 135 and sub-rule (1) of							
rule 20)								
					Applicatio			
				n No.	n No. Filing date:			
				Amou				
				Fee pa				
				CBR N	lo:			
				Signati	ure:			
1. APPLI	CANT'S RE	FERENCE	/					
IDENTIF	TICATION N	O. (AS						
ALLOTT								
2. TYPE	OF APPLICA	ATION [Ple	ase ti	ck (□)	at th	e appro	opriate category]	
Ordinary (✔)		Convention ()			PCT-NP ()			
Divisional	Patent of	Divisional Patent		nt of	Divisional		Patent of Addition ()	
()	Addition ()	()	Addi	tion ()	n()()			
3A. APP	LICANT(S)							
Name in Fill Nationality				ntry of sidence	Address of the Applicant		ldress of the Applicant	
					Dagi	din a at	Department of Technology,	
					Residing at		Shivaji University	
1. Dr. S								
Akshaya								
2. Dr. R RahulChu	Ranveer idaman.	Indian	India		City		Kolhapur	
3. Mr. I	Bage Vaibhav							
Raju					State		Maharashtra	
					Cou	ntry	India	
					Pin code		416004	
an Garri	ECODY OF	A DDI TOAN		4•		7) . 4 41		
3B. CAT	EGUKY OF A	APPLICAN	I [PI	ease tic	K (L) at the	appropriate category]	
Natural Person (✓) Other than Natu				atural Person				

		Sı	Small Entity		Start-up (()	Others ()
4. IN	VENTOR(S	S) [Please tion	ck (<u></u>)	at the a	ppr	opriate ca	ategor	y]
same as	ne inventor(s) the applicant above?	<i>′</i>	Yes ✓ ()			No (()	
If "No",	furnish the	details of the	invent	or(s)				
Name in	Name in Full Nation		nality	Countr Reside	-	Address o	Address of the Inventor	
						House No).	8526
						Street		Eversham Rd
						City		Henrico
						State		Virginia
						Country		USA
						Pin code		23294
5. TITL	E OF THE	INVENTIO	N					
A JAGG	ERY BASE	D FIBER R	ІСН СІ	EREAL-	FRU	JIT-NUT (COMF	POSITION
		REGISTER	ED	IN/F	A N	lo.	2034	
PATENT AGENT					Name		Kavita Gupta	
AGENT					Mobile No.		9820845804	
7. ADD	RESS FOR	SERVICE	OF		Name		Katariya & Associates	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA					Address Ga		2. Sharada Apartments, Opp. Gate No. 5, Abhimanshree Society, Aundh, PUNE 411007	
				Tele	Telephone No.		NA	
				Mob	Mobile No.		9423035601	
				Fax	No.		NA	
				E-m	ail I	D	allisoı	n@katariyaassociates.com
								F APPLICATION ONVENTION
Country	Application	Filing date	Name		T	itle of		(as classified in the
	Number		tne	t 		the	CO	onvention country)
NA	NA	NA	NA		NA		NA	

International application number	International filing date
NA	NA
10. IN CASE OF DIVISIONAL APPI PARTICULARS OF	LICATION FILED UNDER SECTION 16,
Original (first) application No.	Date of filing of original (first) application
NA	NA
11. IN CASE OF PATENT OF ADD PARTICULARS OF MAIN	ITION FILED UNDER SECTION 54,
Main application/patent No.	Date of filing of main application
NA	NA
12. DECLARATIONS	
i. Declaration by the inventor(s)	
(In case the applicant is an assignee: the	ne inventor(s) may sign herein below or the applicant
• 1	e assignment with this application for patent or send
	smission duly authenticated within the prescribed
period).	
I, the above named inventor is the true	& first inventor for this Invention and
declare that the applicant herein is my ass	ignee or legal representative.
(a) Date:	
(b) Signature	

ii. Declaration by the applicant(s) in the convention country

(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

- (a) Date
- (b) Signature(s)
- (c) Name(s) of the signatory

iii. Declaration by the applicant(s)

We the applicant hereby declare that: -

- ✓ We are in possession of the above-mentioned invention.
- ✓ The complete specification relating to the invention is filed with this application.
- x The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.
- ✓ There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- \checkmark We are the true & first inventor(s).
- x We are the assignee or legal representative of true & first inventor(s).
- x The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).
- We claim the priority from the above-mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- x Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- x The application is divided out of our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.
- x The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

Item	Details	Fee	Remarks
Complete specification#	No. of pages: 11	Rs. 1600/-	

No. of Claim(s)	No. of claims: 7 and No. of pages: 2	00	
Abstract	No. of pages: 1	00	
No. of Drawing(s)	No. of drawings: 1 and No. of pages: 1	00	

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

- (a) Complete specification filed electronically
- (b) Sequence listing in electronic form
- (c) Drawings filed electronically.
- (d) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.
- (e) International Search Report and International Preliminary Report on Patentability.
- (f) Statement and Undertaking on Form 3
- (g) Declaration of Inventorship on Form 5
- (h) Power of Authority

(i)	Total fee ₹1600	.in Cash/	Banker's	Cheque	/Bank	Draft l	earing l	No
Date	on Bank pa	id electro	onically.					

We hereby declare that to the best of my/our knowledge, information and belief the fact and matters slated herein are correct and We request that a patent may be granted to us for the said invention.

Dated this 31st day of March 2017

Signature: For Dr. Sahoo Akshaya Kumar, Dr. Ranveer Rahul Chudaman,

Mr. Bage Vaibhav Raju

Kavita Gupta (Patent Agent for the Applicant)

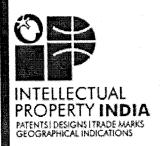
To,

The Controller of Patents

The Patent Office, at Mumbai

Note: -

- * Repeat boxes in case of more than one entry.
- * To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
- * Tick (er) * Cappdicable hohapplicable in declaration in paragraph-12.
- * Name of the inventor and applicant should be given in full, family name in the beginning.
- * Strike out the portion which is/are not applicable.
- * For fee: See First Schedule";





भारत ग्ररकार

GOVERNMENT OF INDIA

पेटेंट कार्यालय

THE PATENT OFFICE

पेटेंट प्रमाणपत्र

PATENT CERTIFICATE

(Rule 74 of The Patents Rules)

क्रमांक:

022101165

Sl. No.:



Patent No.

: 285412

Application No.

: 2941/MUM/2011

Date of Filing

: 19/10/2011

Patentee

: 1.SURWASE SHRIPAD 2.JADHAV JYOTI

It is hereby certified that a patent has been granted to the patentee for an invention entitled A PROCESS FOR INCREASED MELANIN PRODUCTION as disclosed in the above mentioned application for the term of 20 years from the 19th day of October 2011, in accordance with the provisions of the Patents Act, 1970.

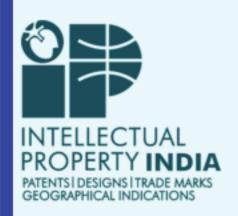


Date of Grant: 19/07/2017

UT 10-10-

Controller of Patents

Note.-The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 19th day of October 2013 and on the same day in every year thereafter.





भारत सरकार

GOVERNMENT OF INDIA

पेटेंट कार्यालय

THE PATENT OFFICE

पेटेंट प्रमाणपत्र

PATENT CERTIFICATE

(Rule 74 of The Patents Rules)

क्रमांक: Sl. No.: 022101165



Patent No. : 285412

Application No. : 2941/MUM/2011

Date of Filing : 19/10/2011

Patentee : 1.SURWASE SHRIPAD 2.JADHAV JYOTI

It is hereby certified that a patent has been granted to the patentee for an invention entitled A PROCESS FOR INCREASED MELANIN PRODUCTION as disclosed in the above mentioned application for the term of 20 years from the 19th day of October 2011, in accordance with the provisions of the Patents Act, 1970.



Date of Grant: 19/07/2017

Okryde

Controller of Patents

Note.-The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 19th day of October 2013 and on the same day in every year thereafter.





	Application Details
APPLICATION NUMBER	1390/MUM/2014
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/04/2014
APPLICANT NAME	1 . MR. RAHUL CHUDAMAN RANVEER 2 . PROF. (DR.) AKSHAYA KUMAR SAHOO
TITLE OF INVENTION	"DETAILED PROCESS FOR EXTRACTION OF ANTHOCYANIN FROM WASTE OF KOKAM (GARCINIA INDICA) PROCESSING INDUSTRY
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	17/04/2014
PUBLICATION DATE (U/S 11A)	02/05/2014
FIRST EXAMINATION REPORT DATE	13/12/2018

	Application Status	
APPLICATION STATUS	Application Examined (Fer	Issued)
		View Documents

1 of 1 4/16/2019, 5:10 PM





	Application Details
APPLICATION NUMBER	201821029775
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/08/2018
APPLICANT NAME	1 . DR. ABHIJEET ARUN GATADE 2 . DR. AKSHAYA KUMAR SAHOO
TITLE OF INVENTION	"HEALTHY AND NUTRIENT RICH LOW FAT QUICK COOKING AIR DRIED NOODLES SUPPLEMENTED WITH LEGUME AND LEAFY VEGETABLE AND ITS COOKING METHOD
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	amarpatil21@yahoo.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	08/08/2018
PUBLICATION DATE (U/S 11A)	31/08/2018

	Application Status	
APPLICATION STATUS	Application Awaiting Ex	kamination
		View Documents

1 of 1





	Application Details
APPLICATION NUMBER	366/MUM/2015
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/02/2015
APPLICANT NAME	1 . MR. CHAVAN SHAMKUMAR BHIMRAO 2 . MR. CHAVAN MAHESHKUMAR SHRIKANT
TITLE OF INVENTION	FAULT TOLERANT FULL BRIDGE DC-DC CONVERTER FOR PHOTOVOLTAIC SYSTEM
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	sbc_tech@unishivaji.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	01/02/2016
PUBLICATION DATE (U/S 11A)	05/02/2016
FIRST EXAMINATION REPORT DATE	31/12/2018
REPLY TO FER DATE	28/06/2019

Application Status			
APPLICATION STATUS	Application in A	mended stage	
		View Documents	





	Application Details
APPLICATION NUMBER	201721021855
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/06/2017
APPLICANT NAME	1 . MR. SHAMKUMAR BHIMRAO CHAVAN 2 . MR. CHAVAN MAHESH SRIKANT
TITLE OF INVENTION	GATE DRIVER WITH POWER SWITCH FAULT TOLERANCE COMPETENCE.
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	sbc_tech@unishivaji.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	22/06/2017
PUBLICATION DATE (U/S 11A)	07/07/2017
FIRST EXAMINATION REPORT DATE	29/08/2019

Application Status		
APPLICATION STATUS	Application Examined (Fer Issued)	
	View Documents	





	Application Details
APPLICATION NUMBER	1390/MUM/2014
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/04/2014
APPLICANT NAME	1 . MR. RAHUL CHUDAMAN RANVEER 2 . PROF. (DR.) AKSHAYA KUMAR SAHOO
TITLE OF INVENTION	"DETAILED PROCESS FOR EXTRACTION OF ANTHOCYANIN FROM WASTE OF KOKAM (GARCINIA INDICA) PROCESSING INDUSTRY
FIELD OF INVENTION	PHARMACEUTICALS '
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA .
REQUEST FOR EXAMINATION DATE	17/04/2014
PUBLICATION DATE (U/S 11A)	02/05/2014
FIRST EXAMINATION REPORT DATE	13/12/2018
REPLY TO FER DATE	12/06/2019
	······································

· Application Status		
APPLICATION STATUS	Application in A	mended stage
		View Documents





Application Details		
APPLICATION NUMBER 201821029775		
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	08/08/2018	
APPLICANT NAME	1 . DR. ABHIJEET ARUN GATADE 2 . DR. AKSHAYA KUMAR SAHOO	
TITLE OF INVENTION	"HEALTHY AND NUTRIENT RICH LOW FAT QUICK COOKING AIR DRIED NOODLES SUPPLEMENTED WITH LEGUME AND LEAFY VEGETABLE AND ITS COOKING METHOD	
FIELD OF INVENTION	FOOD	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	amarpatil21@yahoo.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	08/08/2018	
PUBLICATION DATE (U/S 11A)	31/08/2018	

	Application Status		
APPLICATION STATUS	Application Av	Application Awaiting Examination	
	:	View Documents	





Application Details		
APPLICATION NUMBER 201721011659		
APPLICATION TYPE `	ORDINARY APPLICATION	
DATE OF FILING	31/03/2017	
APPLICANT NAME	1 . Dr. Sahoo Akshaya Kumar 2 . Dr. Ranveer Rahul Chudaman 3 . Mr. Bage Vaibhav Raju	
TITLE OF INVENTION	A JAGGERY BASED FIBER RICH CEREAL-FRUIT-NUT COMPOSITION	
FIELD OF INVENTION	FOOD	
E-MAIL (As Per Record)	aksahoo183@gmail.com	
ADDITIONAL-EMAIL (As Per Record)	allison@katariyaassociates.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE		
PUBLICATION DATE (U/S 11A)	05/10/2018	

Application Status	
APPLICATION STATUS	Application Published

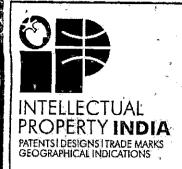
View Documents





Application Details		
APPLICATION NUMBER	3540/MUM/2013	
APPLICATION TYPE	ORDINARY APPLICATION	
DATÉ ÖF FILING	11/11/2013	
APPLICANT NAME	MR. ABHISHEK CHANDRAKANT LOKHANDE	
TITLE OF INVENTION	"IMPROVEMENT IN CORROSION RESISTANCE OF ELECTRODEPOSITED NI-CO ALLOY COATINGS"	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	abhi4502@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	19/10/2015	
PUBLICATION DATE (U/S 11A)	25/09/2015	
FIRST EXAMINATION REPORT DATE	23/05/2018	
Date Of Certificate Issue	25/02/2019	
POST GRANT JOURNAL DATE	01/03/2019	
REPLY TO FER DATE	14/12/2018	

Application Status		
Granted Application, Patent Number :307930		tion, Patent Number
E-Register		View Documents





भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules) क्रमांक : 022103958



पेटेंट सं. / Patent No.

307930

आवेदन सं. / Application No.

3540/MUM/2013

फाइल करने की तारीख / Date of Filing

11/11/2013

पेटेंटी / Patentee

MR. ABHISHEK CHANDRAKANT LOKHANDE

प्रमाणित किया जाता है कि पेटेंदी को उपरोक्त आवेदन में यथाप्रकटित "IMPROVEMENT IN CORROSION RESISTANCE OF ELECTRODEPOSITED NI-CO ALLOY COATINGS" नामक आविष्कार के लिए, पेटेंट अधिनियम, १६७० के उपबंधों के अनुसार आज तारीख 11th day of November 2013 से बीस वर्ष की अविध के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "IMPROVEMENT IN CORROSION RESISTANCE OF ELECTRODEPOSITED NI-CO ALLOY COATINGS" as disclosed in the above mentioned application for the term of 20 years from the 11th day of November 2013 in accordance with the provisions of the Patents Act,1970.



अनुवान की तारीख : 25/02/2019 Date of Grant : Okryst-

पेटेंट नियंत्रक Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए एखा जाना है, 11th day of November 2015को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।
Note, - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 11th day of November 2015 and on the same day in every year thereafter.





Application Details		
APPLICATION NUMBER	780/MUM/2013	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	14/03/2013	
APPLICANT NAME	PROF. CHANDRAKANT DNYANDEV LOKHANDE	
TITLE OF INVENTION	"BIOSYNTHESIS OF SILVER THIN FILMS"	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)	·	
ADDITIONAL-EMAIL (As Per Record)	1_chandrakant@yahoo.com	
E-MAIL (UPDATED Online)	·	
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	31/12/2015	
PUBLICATION DATE (U/S 11A)	23/01/2015	
FIRST EXAMINATION REPORT DATE	07/06/2018	
RÉPLY TO FER DATE	07/01/2019 ·	

Application Status		
Application in Amended stage		ended stage
		View Documents





Application Details		
APPLICATION NUMBER	201921053639	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	24/12/2019	
APPLICANT NAME	DR. BOMBALE UTTAM LAXMANRAO	
TITLE OF INVENTION	MICROWAVE DEVICE FOR MEASURING WATER CONTENT OF SOIL	
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	uttam_bombale@rediffmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	24/12/2019	
PUBLICATION DATE (U/S 11A)	03/01/2020	

Application Status		
APPLICATION STATUS	Application Awaiting Examination	
		View Documents





Application Details		
APPLICATION NUMBER	201921053638	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	24/12/2019	
APPLICANT NAME	PPLICANT NAME MRS. SMITA VISHAL KATKAR	
TITLE OF INVENTION	"A METHOD TO PREDICT EFFICIENCY OF TANDEM SILICON SOLAR CELL USING ARTIFICIAL NEURAL NETWORK (ANN)"	
FIELD OF INVENTION	ELECTRICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	smita6121988@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	24/12/2019	
PUBLICATION DATE (U/S 11A)	03/01/2020	

	Application Status	
APPLICATION STATUS	Application Awaiting Examination	
	View Documents	





Application Details		
APPLICATION NUMBER	201921053631	
APPLICATION TYPE	ORDINARY APPLICATION :	
DATE OF FILING	24/12/2019	
APPLICANT NAME	DR. SHEETAL SACHIN GAIKWAD	
TITLE OF INVENTION	SECURE ROUTING PROTOCOL FOR MOBILE AD-HOC NETWORK (MANET)	
FIELD OF INVENTION	COMPUTER SCIENCE	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	sheetal.zaltegaikwad@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	-	
PUBLICATION DATE (U/S 11A)	03/01/2020 :	

	Application Status	
APPLICATION STATUS	Application Published	•
		View Documents





Application Details		
APPLICATION NUMBER	201921053633	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	24/12/2019	
APPLICANT NAME	DR. MADHURI VASANT WALVEKAR	
TITLE OF INVENTION	NANOENCAPSULATION OF TRIGONELLINE: A NOVEL REMEDY TO TREAT TYPE 2 DIABETES MELLITUS IN MICE MODEL	
FIELD OF INVENTION	BIOTECHNOLOGY	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	mvw_zoo@unishivaji.ac.in	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	24/12/2019	
PUBLICATION DATE (U/S 11A)	03/01/2020	

	Application Status
APPLICATION STATUS	Application Awaiting Examination
	View Documents





Application Details		
APPLICATION NUMBER	201921053629	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	24/12/2019	
APPLICANT NAME	MR. KABIR GAJANAN KHARADE	
TITLE OF INVENTION	"ANN BASED METHOD FOR PREDICTION AND EFFICIENCY OF CZTS SOLAR CELLS"	
FIELD OF INVENTION	ELECTRICAL	
E-MAIL (As Per Record)	,	
ADDITIONAL-EMAIL (As Per Record)	kabirkharade@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	==	
PUBLICATION DATE (U/S 11A)	03/01/2020	

	Application Status	
 APPLICATION STATUS	Application Published	
		View Documents





Application Details		
APPLICATION NUMBER	201821009266	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	14/03/2018	
APPLICANT NAME	1 . RASHINKAR GAJANAN SHANKARRAO 2 . BANSODE PRAKASH ARUN	
TITLE OF INVENTION	FERROCENE APPENDED N-HETEROCYCLIC CARBENE COMPLEXES OF SILVER OR GOLD OR PLATINUM	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)	adv.prajaktasawant@gmail.com	
ADDITIONAL-EMAIL (As Per Record)		
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	14/03/2018	
PUBLICATION DATE (U/S 11A)	16/03/2018	
FIRST EXAMINATION REPORT DATE	26/06/2019	
REPLY TO FER DATE	20/12/2019	

	Application Status	
APPLICATION STATUS	Application in Ar	mended stage
		View Documents





Application Details		
APPLICATION NUMBER	201921051554	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	12/12/2019	
APPLICANT NAME	DR. SHIVAJI BABASO SADALE	
TITLE OF INVENTION	A NANOFLUID BASED HEAT EXCHANGER SYSTEM ADOPTED TO REGULATE AND UTILIZED WASTE HEAT IN THE FORM OF STEAM, HOT WATER, HOT AIR.	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	shivajisadale@yahoo.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	24/12/2019	
PUBLICATION DATE (U/S 11A)	03/01/2020	

	Application Status	
APPLICATION STATUS	Application Awaiting Examination	
		View Documents





Application Details

	· · · · · · · · · · · · · · · · · · ·	
APPLICATION NUMBER	201921047451	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	21/11/2019	
APPLICANT NAME	1 . PROF. DATTATRAYA KRISHNA GAIKWAD 2 . MR. CHIRAG UMAJI NARAYANKAR 3 . MR. INDRAJEET ASHOK SAMANT 4 . MR. SUDARSHAN TANAJI CHARAPALE	
TITLE OF INVENTION	A TWO NEW COMPOSITE HERBAL FORMULATIONS WITH OPUNTIA AS AI INHIBITOR OF LEUKAEMIA CANCER CELL DEVELOPMENT	
FIELD OF INVENTION	BIOTECHNOLOGY	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)		
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA NA	
REQUEST FOR EXAMINATION DATE	21/11/2019	

Application Status

29/11/2019

APPLICATION STATUS

PUBLICATION DATE (U/S 11A)

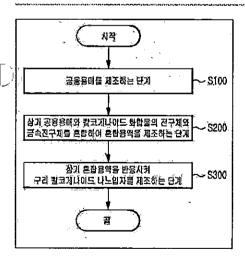
Application Awaiting Examination

View Documents

공융용매를 이용한 구리 칼코게나이드 화합물 제조방법

Manufacturing method of copper chalcogenide using deep eutectic solution

(51) Int. CL	C01G 30/00(2006.01.01)
(52) CPC (0	C01G 30/002(2013.01) C01P 2004/64(2013.01) C01P 2004/16(2013.01)
(21) Application No.(Date)	1020170036807 (2017.03,23)
(71) Applicant	INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY
(11) Registration No.(Date)	1018742380000 (2018,06,27)
(65) Unex. Pub. No.(Date)	
(11) Publication No.(Date)	(2018.07.03)
(86) Int'l Application No.(Date)	
(87) int'l Unex. Pub. No.(Date)	типосопоминенто по в поста
(30) Priority info. (Country / No. / Date)	
Legal Status	Registered
Examination Status	Decision to grant (General)
Trial Info	
Kind	Domestic Application / New Application
Right of Org. Application No. (Date)	
Related Application No.	
Request for an examination(Date)	Y(2017,03,23)
Number of examination claims	3



The present invention provides a method for manufacturing a copper chalcogenide compound using a eutectic solvent, and specifically, to a method for manufacturing a copper chalcogenide compound using a eutectic solvent, which is applied with a single port colloid composite method. According to the present invention, the method for manufacturing a copper chalcogenide compound using a eutectic solvent provides convenience of a process and is environmentally friendly using a nontoxic cheap reagent. Therefore, the method for manufacturing a copper chalcogenide compound using a eutectic solvent can reduce process costs. Also, the method for manufacturing a copper chalcogenide compound using a eutectic solvent uses the eutectic solvent stable to air and water and having a low transition temperature and manufactures the copper chalcogenide compound. Therefore, copper chalcogenide nanoparticles manufacturing a copper chalcogenide compound using a solar cell, hydrolysis, and photoelectricity. The method for manufacturing a copper chalcogenide compound using a eutectic solvent includes: a step of manufacturing the eutectic solvent: a step of manufacturing a mixed solution by mixing a metal precursor and a precursor of the chalcogenide compound and the eutectic solvent; and a step of manufacturing the copper chalcogenide nanoparticles by conducting reaction of the mixed solution. COPYRIGHT KIPO 2018

∫≱ (71) Applicant

No.	Name .	Country	Addréss
1	INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY 전남대학교산학협력단 (220040365775)	Korea	광주광역시 북구 용봉로 ** (용봉동) : .

(72) Inventor

	No.	Name	Country	Address
	1	KIM , Jin Hyeok 김진혁	Republic of Korea	대전광역시 유성구
,,,,,,	2	Uma V. Ghorpade 우마고파데	India	광주광역시 북구 용봉로 **, 공대*호관 ***호
	3	Sanjay S. Kolekar 산자이콜레카	India	인도 콜라푸 시바지대학교 화학과 화학분석재료연구실
	4	MOON, Jong Ha 문종하	Republic of Korea	광주광역시 북구
	5	GANG, Myeng Gil 강명길	Republic of Korea	광주광역시 남구
	6	Mahesh P. Suryawanshi 마헤쉬수리아완쉬	India	광주광역시 북구 용봉로 **, 공대*호관 ***호
	7	LEE, Ju Yeon 이주연	Republic of Korea	광주광역시 광산구

No.	Name	Country	Address
1	E-Sang Patent & Trademark Law Firm 특허법인이상 (920081000210)	Korea	*F.,Woodo Bidg., **-*, Yangjae-dong, Seocho-gu, Seoul, ***-***, Korea

» Right holder(current)

Name	Country	Address
전남대학교산학협력단	KR	광주광역시 북구

Legal Status

No.	Document Title (Eng.)	Receipt/Delivery Date	Status	Receipt/Delivery No.
1	[Patent Application] Patent Application ([특허출원]특허출원서)	2017.03.23	수리 (Accepted)	112017028801168
.2	Request for Prior Art Search (선행기술조사의뢰서)	2017,10,13	수리 (Accepted)	919999999999999
3	Report of Prior Art Search (선행기술조사보고서)	2017.12.08	발송처리완료 (Completion of Transmission)	962017018099956 :
4	Notification of reason for refusal (의견제출통지서)	2017.12.13	발송처리완료 (Completion of Transmission)	952017087515628
5	[Amendment to Description, etc.] Amendment ([명세서등 보정]보정서)	2018.01.16	보정승인간주 (Regarded as an acceptance of amendment)	112018005027816
6	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substantiation) ([거절이유 등 통지에 따른 의견]의견(답변, 소명)서)	2018.01.16	수리 (Accepted)	112018005027760
7	Notification of change of applicant's information (출원인정보변경(경정)신고서)	2018.03.30	수리 (Accepted)	412018505646372
8	Decision to grant (등록결정서)	2018,06,20	발송처리완료 (Completion of Transmission)	952018041800682

No.	Content
	콜린 클로라이드와 에틸렌글리콜을 몰비율 1:2로 혼합하여 공융용매를 제조하는 단계;
	상기 공융용매에,
1	황(S), 셀레늄(Se) 및 텔루르(Te) 칼코게나이드로 이루어지는 군으로부터 선택된 하나 이상의 칼코게나이드 화합물의 전구 체와,
	구리(Cu), 안티모니(Sb), 철(fe), 니켈(Ni), 아연(Zn), 지르코늄(Zr) 및 은(Ag)으로 이루어지는 군으로부터 선택되는 하나 이상의 금속전구체를 첨가하고 75℃ 내지 85℃에서 혼합하여 혼합용액을 제조하는 단계; 및
	상기 혼합용액을 120℃ 내지 160℃에서 반응시켜 3원계 이상의 다원계 구리 칼코게나이드 나노 입자를 제조하는 단계를 포함하는 공융용매를 이용한 구리 칼코게나이드 나노 입자의 제조방법.
2	삭제
3	삭제
4	삭제
5	삭제
6	삭제
7	삭제
8	제1항에 있어서, 상기 구리 칼코게나이드 나노 입자의 크기는 2nm 내지 500nm인 것을 특징으로 하는 공융용매를 이용한 구리 칼코게나이드 나노 입자의 제조방법.
9	삭제
10	제1항에 있어서, 상기 구리 칼코게나이드 나노 입자는 나노디스크, 나노브릭, 나노로드 또는 나노링을 포함하는 것을 특징으로 하는 공융용매를 이용한 구리 칼코게나이트 나노 입자의 제조방법.

CDesignated States

Kind		Country	Association of the second of t	
	:: Empty ::			

x The information is based on the citation information attached to a Notification of reason for refusal by the examiner.

▶ Forward Citation

Citation

Country Pub. Date	"Pub. No	and the second s	Title	- IPC	
		:: Empty ::			

Backward Citation ■ Backward Citation ■

Citation

Application No Application Date		Tille] IPG
	:: Empty ::			
		,		
Patent Kind Codes				View Graph .
Family Patents				•
No Family No.	Country (code)	Countr	у	Туре
	::Empty::			
DOCDB Family info. 🗭				
Family Patents				
No. Family No.	Country(code)	Countr	ý	Туре
	::Empty::	: .		





	Application Details
APPLICATION NUMBER	201821032302
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/08/2018
APPLICANT NAME	1 . Sharadrao Anandrao Vanalakar 2 . Jin Hyeok Kim 3 . Patil Pramod Shankarrao
TITLE OF INVENTION .	METHOD OF MANUFACTURING MULTINARY CHALCOGENIDE SEMICONDUCTOR NANOPARTICLES VIA NON-TOXIC HYDROTHERMAL ROUTE FOR PHOTO-VOLTAIC AND PHOTO-CATALYTIC APPLICATIONS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	sharad.vanalakar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sharadrao.vhanalkar@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	12/04/2019

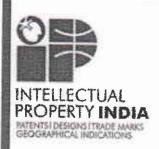
Application Status							
APPLICATION STATUS	Application Pub	olished					
		View Documents					





Application Details		
APPLICATION NUMBER	201921047450	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	21/11/2019	
APPLICANT NAME	1 . PROF. DATTATRAYA KRISHNA GAIKWAD 2 . MR. CHIRAG UMAJI NARAYANKAR 3 . MR. INDRAJEET ASHOK SAMANT 4 . MR. SUDARSHAN TANAJI CHARAPALE	
TITLE OF INVENTION	"SIMAROUBA GLAUCA A COMPOSITE NATURAL FORMULATIONS AS AN INHIBITOR OF BREAST CANCER CELL DEVELOPMENT	
FIELD OF INVENTION	BIOTECHNOLOGY	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	dkgaikwad88@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	21/11/2019	
PUBLICATION DATE (U/S 11A)	29/11/2019	

	Application Status	1 11/10/10/10/10/10/10/10/10/10/10/10/10/1
Application Awaiting Examination		ing Examination
		View Documents





भारत प्रस्कार

GOVERNMENT OF INDIA

पेटेंट कार्यालय

THE PATENT OFFICE

ਪੇਟੇਂਟ ਸ਼ਥਾਗਪੁਕ

PATENT CERTIFICATE

(Rule 74 of The Patenty Rules)

क्रमांक : Sl. No. :

022101165



Patent No.

: 285412

Application No.

: 2941/MUM/2011

Date of Filing

: 19/10/2011

Patentee

: 1.SURWASE SHRIPAD 2.JADHAV JYOTI

It is hereby certified that a patent has been granted to the patentee for an invention entitled A PROCESS FOR INCREASED MELANIN PRODUCTION as disclosed in the above mentioned application for the term of 20 years from the 19th day of October 2011, in accordance with the provisions of the Patents Act, 1970.



Date of Grant 19/07/2017

Okryli-

Controller of Patents

Note. The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 19th day of October 2013 and on the same day in every year thereafter.

Welcome KAVITA PURUSHOTTAM GUPTA Sign out

Controller General of Patents, Designs & Trade Marks S.M.Road,Antop Hill, Mumbal-400037 Tel No. (091)(022) 241377010,24141026 Fax No. 022 24130387 E-mall: mumbal-patent@nic.in Web Site: www.ipindia.gov.in





ACKNOWLEDGEMENT SLIP

Acknowledgement Receipt Date 31/03/2017

Userld: Kavita24

To KAVITA PURUSHOTTAM GUPTA

Katariya & Associates 2, Sharada Apartments, Opp. Gate No. 5 of Abhimanshree society, S. No. 108/1A/2 Aundh, Pune 411 007.

Details of Paid Forms

Sr. No.	TempNum	FormName	Fee
1	TEMP/E-1/11827/2017-MUM	FORM 1	1600

TransactionID	Challan Identification Number	Amount Paid	Remarks
N-0000257051	02806343103201750307	1600.00	

Received from KAVITA PURUSHOTTAM GUPTA the sum of ₹ 1600.00 on account of Payment of fee for above mentioned Application/Forms.

Amount in Words: Rupees One Thousand Six Hundred Only

Payment SuccessFull

- 1. Receipt Would Be available after 2(Two) Working Days Subject To Realisation of Amount.
- ${\bf 2.\ Please\ Check\ the\ Status\ in\ Generate\ Permanent\ Number\ Tab}$

Print

Home About Us Contact Us





Application Details		
APPLICATION NUMBER	3540/MUM/2013	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	11/11/2013	
APPLICANT NAME	MR. ABHISHEK CHANDRAKANT LOKHANDE	
TITLE OF INVENTION	"IMPROVEMENT IN CORROSION RESISTANCE OF ELECTRODEPOSITED NI-CO ALLOY COATINGS"	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	abhi4502@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	19/10/2015	
PUBLICATION DATE (U/S 11A)	25/09/2015	
FIRST EXAMINATION REPORT DATE	23/05/2018	
Date Of Certificate Issue	25/02/2019	
POST GRANT JOURNAL DATE	01/03/2019	
REPLY TO FER DATE	14/12/2018	

Application Status		
APPLICATION STATUS	Granted Application, Patent Number :307930	
E-Register		View Documents

1 of 1 4/18/2019, 12:21 PM





Application Details		
APPLICATION NUMBER	36/MUM/2014	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	06/01/2014	
APPLICANT NAME	MR. ABHISHEK CHANDRAKANT LOKHANDE	
TITLE OF INVENTION	"A METHOD FOR IMPROVEMENT IN CORROSION RESISTANCE OF ELECTRODEPOSITED NI-ZN ALLOY COATINGS"	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	abhi4502@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	19/10/2015	
PUBLICATION DATE (U/S 11A)	21/08/2015	
FIRST EXAMINATION REPORT DATE	26/10/2018	

Application Status		
Application Examined (Fer Issued)		
		View Documents

1 of 1 4/18/2019, 12:25 PM





Application Details		
APPLICATION NUMBER	780/MUM/2013	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	14/03/2013	
APPLICANT NAME	PROF. CHANDRAKANT DNYANDEV LOKHANDE	
TITLE OF INVENTION	"BIOSYNTHESIS OF SILVER THIN FILMS"	
FIELD OF INVENTION	CHEMICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	1_chandrakant@yahoo.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE	NA	
REQUEST FOR EXAMINATION DATE	31/12/2015	
PUBLICATION DATE (U/S 11A)	23/01/2015	
FIRST EXAMINATION REPORT DATE	07/06/2018	
REPLY TO FER DATE	07/01/2019	

Application Status			
Application in Amended stage			
		View Documents	

1 of 1 4/18/2019, 12:30 PM