504190056 01/23/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4236731

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMAVATAR MEENA	11/07/2016
NARESH DHARMASHIBHAI SANANDIYA	11/07/2016
JAI PRAKASH CHAUDHARY	11/07/2016
DIBYENDU MONDAL	11/07/2016
NATARAJ SANNA KOTRAPPANAVAR	11/07/2016

RECEIVING PARTY DATA

Name:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Street Address:	ANUSANDHAN BHAWAN, RAFI MARG
City:	NEW DELHI
State/Country:	INDIA
Postal Code:	110001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15029962

CORRESPONDENCE DATA

Fax Number: (512)536-4598

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 512 536 3045

Email: aoipdocket@nortonrosefulbright.com **Correspondent Name:** NORTON ROSE FULBRIGHT US LLP

98 SAN JACINTO BLVD Address Line 1:

STE 1100 Address Line 2:

Address Line 4: AUSTIN, TEXAS 78701

NAME OF SUBMITTER: MARK B. WILSON SIGNATURE: /Mark B. Wilson/	
SIGNATURE: /Mark B. Wilson/	
//wark B. Wilcom	
DATE SIGNED: 01/23/2017	

Total Attachments: 3

PATENT REEL: 041041 FRAME: 0706 source=0157NF2013_US executed Assignment#page1.tif source=0157NF2013_US executed Assignment#page2.tif source=0157NF2013_US executed Assignment#page3.tif

PATENT REEL: 041041 FRAME: 0707 PATENT

FILE NO. LALL.P0035US/11605431

ASSIGNMENT

WHEREAS, the undersigned (individually "ASSIGNOR" and collectively "ASSIGNORS"), are named inventors of the patent(s)/application(s) identified below (collectively "Patent(s)"),

AND WHEREAS COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, having a place of business at Anusandhan Bhawan, Rafi Marg, New Delhi, India, 110001 ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest throughout the world in U.S. Patent Application No. 15/029,962, filed April 15, 2016, titled "SEAWEED POLYSACCHARIDE BASED SUPERHYDROPHILIC FOAM MEMBRANE FOR ENERGY-EFFICIENT OIL-WATER SEPARATION", including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patent(s), including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

WARRANTS AND COVENANTS that ASSIGNOR has the authority to enter this ASSIGNMENT agreement, and that ASSIGNOR has done nothing and will not do anything to impair the rights conveyed to ASSIGNEE by this Agreement;

COVENANTS that, when requested and at the expense of the ASSIGNEE, ASSIGNOR will carry out in good faith the intent and purpose of this Agreement, including but not limited to executing any and all documents in connection with the Patent(s) and any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents, and/or patent applications claiming priority to, or based on any information disclosed in any of the Patent(s), including all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to all information disclosed in the Patent(s) and the history thereof; and generally do everything possible that the ASSIGNEE shall consider desirable for vesting title to the Patent(s) and such patents and/or patent applications in the ASSIGNEE, and for securing, maintaining, and enforcing patent protection for the Patent(s) and such patents and/or patent applications;

WAIVES any right it has to challenge the adequacy of the consideration; and

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

ASSIGNORS	ASSIGNEE
Name: Ramavatar MEENA 07-Nov-204	Name: Anjana BARUAH Date
Name: Naresh Dharmashibhai SANANDIYA Date 07-Nov-2016 Name: Dibyendu MONDAL Date Date	Title: Chief Scientist & Head डा॰ अंजना बरुवा / Dr. Anjana Bacuth नृष्य वैज्ञानिक एवं प्रमुख / Chief Scientist & Fiead इत्ताविक प्रांचिकान युनिट, (१९६५) Innovation Protection Unit (C.S.I.R.) 14, सत्संग विहार मार्ग, नई दिस्की-110087
Name: Nataraj Sanna KOTRAPPANAVAR Date	

27519334,1

1 of 1

PATENT

FILE NO. LALL.P0035US/11605431

ASSIGNMENT

WHEREAS, the undersigned (individually "ASSIGNOR" and collectively "ASSIGNORS"), are named inventors of the patent(s)/application(s) identified below (collectively "Patent(s)"),

AND WHEREAS COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, having a place of business at Anusandhan Bhawan, Rafi Marg, New Delhi, India, 110001 ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest throughout the world in U.S. Patent Application No. 15/029,962, filed April 15, 2016, titled "SEAWEED POLYSACCHARIDE BASED SUPERHYDROPHILIC FOAM MEMBRANE FOR ENERGY-EFFICIENT OIL-WATER SEPARATION", including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patent(s), including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

WARRANTS AND COVENANTS that ASSIGNOR has the authority to enter this ASSIGNMENT agreement, and that ASSIGNOR has done nothing and will not do anything to impair the rights conveyed to ASSIGNEE by this Agreement;

COVENANTS that, when requested and at the expense of the ASSIGNEE, ASSIGNOR will carry out in good faith the intent and purpose of this Agreement, including but not limited to executing any and all documents in connection with the Patent(s) and any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents, and/or patent applications claiming priority to, or based on any information disclosed in any of the Patent(s), including all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to all information disclosed in the Patent(s) and the history thereof; and generally do everything possible that the ASSIGNEE shall consider desirable for vesting title to the Patent(s) and such patents and/or patent applications; and enforcing patent protection for the Patent(s) and such patents and/or patent applications;

WAIVES any right it has to challenge the adequacy of the consideration; and

ASSIGNORS

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

		Anjana Barna	L 7 NOV 2016
Name: Ramavatar MEENA	Date	Name: Anjana BARUAH	Date
	11 11 16 V	Title: Chief Scientist & Head	
Name: Näresh Dharmashibhai SANANDIYA	Date	डा, अंजना वरुवा / Dr. ुण्य वंज्ञानिक एवं प्रमुख / Ch इनोवेर्शन प्रोटेक्शन युनिट,	ief Ścientist & Hoad
Name: Jai Prakash CHAUDHARY	Date	Innovation Protection 14, जतसँग विहार मार्ग, न १८, Sassang Vihar Marg,	n Unit (C.S.I.R.) ाई दिल्ली-110067
Name: Dibyendu MONDAL	Date	\$ ************************************	
Name: Nataraj Sanna KOTRAPPANAVAR	Date		
27519334.1	1 of 1		

ASSIGNEE

PATENT

FILE NO. LALL.P0035US/11605431

ASSIGNMENT

WHEREAS, the undersigned (individually "ASSIGNOR" and collectively "ASSIGNORS"), are named inventors of the patent(s)/application(s) identified below (collectively "Patent(s)"),

AND WHEREAS COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, having a place of business at Anusandhan Bhawan, Rafi Marg, New Delhi, India, 110001 ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest throughout the world in U.S. Patent Application No. 15/029,962, filed April 15, 2016, titled "SEAWEED POLYSACCHARIDE BASED SUPERHYDROPHILIC FOAM MEMBRANE FOR ENERGY-EFFICIENT OIL-WATER SEPARATION", including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patent(s), including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

WARRANTS AND COVENANTS that ASSIGNOR has the authority to enter this ASSIGNMENT agreement, and that ASSIGNOR has done nothing and will not do anything to impair the rights conveyed to ASSIGNEE by this Agreement;

COVENANTS that, when requested and at the expense of the ASSIGNEE, ASSIGNOR will carry out in good faith the intent and purpose of this Agreement, including but not limited to executing any and all documents fir connection with the Patent(s) and any and all divisional, continuation, continuation-in-part, continuing, extension, fureign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents, and/or patent applications claiming priority to, or based on any information disclosed in any of the Patent(s), including all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to all information disclosed in the Patent(s) and the history thereof, and generally do everything possible that the ASSIGNEE shall consider desirable for vesting title to the Patent(s) and such patents and/or patent applications in the ASSIGNEE, and for securing, maintaining, and enforcing patent protection for the Patent(s) and such patents and/or patent applications;

WAIVES any right it has to challenge the adequacy of the consideration; and

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

ASSIGNORS		ASSIGNEE	
	•	Any ann Bound	7 Nov 2016
Name: Ramavatar MEENA	Date	Name: Anjana BARUAH	Date
Name: Naresh Dharmashibhai SANANDIYA	Date	Title: Chief Scientist & Head डा. अंजना बरुवा / Dr. Anjana नुख्य वैज्ञानिक एवं प्रमुख / Chief Scient	
Name: Jai Prakash CHAUDHARY	Date	इनोवेशन प्रोटैक्शन युनिट. (सी.एस.आई.आर.) Innovation Protection Unit (C.S.I.R.) 14, मत्संग विहार मार्ग, नई दिल्ली-110067 14, Satsang Vihar Marg, New Delhi-110067	
Name: Dibyendu MONDAL	Date		
Name: Nataraj Sanna KOTRAPPANAVAR	7 <u>-Nov-20</u> (6 Date		
27519334.1			

l of l

PATENT REEL: 041041 FRAME: 0710

RECORDED: 01/23/2017