PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANNAN SRINIVASAN	04/05/2018
SREEDHAR GUNDEKARI	04/05/2018

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:	15518217

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	246.0001-00000
NAME OF SUBMITTER:	AMEDEO F. FERRARO
SIGNATURE:	/AMEDEO F. FERRARO/
DATE SIGNED:	04/24/2018

Total Attachments: 2

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PATENT 504882549 REEL: 045620 FRAME: 0158

SOLE/JOINT INVENTION (Worldwide Rights) 246.0001-00000 PCT/IN2015/050130

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as assignor(s)), have made an invention entitled:

A PROCESS FOR THE PREPARATION OF GAMMA-VALEROLACTONE BY CATALYTIC HYDROGENATION OF LEVULINIC ACID USING RU-BASED CATALYSTS

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on April 10, 2017 (Serial No. 15/518,217); and

WHEREAS, COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, whose post office address is Anusandhan Bhawan, Rafi Marg, New Delhi 110001, India (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filled for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful caths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

Kannan SRINIVASAN Central Sait & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar, Gujarat, Bhavnagar 364002 India

Signature:

MARTIN & FERRARO, LLP

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AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

Sreedhar GUNDEKARI Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar, Gujarat, Bhavnagar 364002 India

Signature:	Creedy.	nonnumele likelik K
Date:	5 th April 2018	y haci din nun amana

MARTIN & FERRARO, LLP

PATENT REEL: 045620 FRAME: 0160

RECORDED: 04/24/2018