PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAJ DESHPANDE	01/18/2012
PAUL DAVIS	01/18/2012
VANDANA PANDEY	01/18/2012
NITIN KORE	01/09/2012

RECEIVING PARTY DATA

Name:	DOW CHEMICAL INTERNATIONAL PVT. LTD.	
Street Address:	CORPORATE PARK	
Internal Address:	UNIT 1	
City:	V.N. PURAY MARG, CHEMBUR-MUMBAI	
State/Country:	INDIA	
Postal Code:	400 071	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14364710

CORRESPONDENCE DATA

Fax Number: (937)449-6405

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: 937/449-6400

Email: theresa.oldfield@dinsmore.com
Correspondent Name: DINSMORE & SHOHL LLP

Address Line 1: FIFTH THIRD CENTER, ONE S. MAIN STREET

Address Line 2: SUITE 1300

Address Line 4: DAYTON, OHIO 45402

NAME OF SUBMITTER:	THERESA OLDFIELD
SIGNATURE:	/Theresa Oldfield/
DATE SIGNED:	06/01/2016

Total Attachments: 3

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This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW CHEMICAL INTERNATIONAL PVT. LTD.

Corporate Park Unit No. 1 V.N. Purav Marg

Chembur-Mumbai 400 071

India

hereby accept the ASSIGNMENT attached hereto which is dated: January 18, 2012 and January 9, 2012; effective as of December 15, 2011

From, the ASSIGNOR: Raj Deshpande, D-6, Sai Vihar Apts. Karvenagar, Pune-411052, India, Citizen of India; Paul Davis, R-301, IRIS, Magarpatta City, Hadaspar, Pune-411013, India, Citizen of India; Vandana Pandey, B-4/5, Utkarsh Nagar, Had, Pune-411028, India, Citizen of India; and Nitin Kore, 24/2, Swami Vivekanand Socity-2, Vilajapur Road, Solapur-413004, India, Citizen of India

of the invention entitled:

DEHYDROXYLATION OF CRUDE ALCOHOLS STREAMS USING A HALOGEN-BASED CATALYST

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Mum	bai
this 25th day of	January , 20 12
	J
	DOW CHEMICAL INTERNATIONAL PVT. LTD.
CORP.	16101
SEAL	By: Opel-s.)
	VIPUL S. SHAH
	Country President

SUBSCRIBING WITNESS

AFFIDAVIT OF EXECUTION

(CORPORATE OFFICER)

Print or Type Name and Address of Subscribing Witness I, Ramolla Karnani

Whose full post office address is:

Vibgyor Tower, 2nd Floor, C/62, 'G' Block, Near Citibank, Bandra-Kurla Complex, Bandra (E), Mumbai-400051

Print or Type Name of Corporation Officer and Title DOW CHEMICAL INTERNATIONAL PVT. LTD. Director – Legal & Company Secretary

Make Oath and say that I was personally present and did see:

VIPUL S. SHAH Country President

of DOW CHEMICAL INTERNATIONAL PVT. LTD. Corporate Park Unit No. 1 V.N. Purav Marg Chembur-Mumbai 400 071 India

known or identified to me to be the individual(s) described and who executed the foregoing document and that said individual has full authority to sign the document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objectives or activities of said corporation and acknowledge the same as a free act and deed for uses and purposes therein expressed.

Signed at:	Mu	nbai				
On this	25th	day of	January		<u>.</u>	2012
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	<i>t</i>			Near	navi	
				110	ribina Witness	

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FORM 110 (R 5/97)

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INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: DEHYDROXYLATION OF CRUDE ALCOHOL STREAMS USING A HALOGEN-BASED CATALYST

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Chemical International PVT. LTD. Corporate Park Unit No. 1 V.N. Purav Marg Chembur-Mumbai 400 071 India

a corporation organized and existing under the laws of India (hereinafter referred to as the "Assignee"); my/our entire right, title and interest a corporation organized and existing under the laws of india (necessate referred to as the Assignee), infroducing requirements and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/570,960	December 15, 2011	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary, and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: PUNE	At: PUNE
this 18 day of January , 2012	this 18 day of JANVA-RY ,20 1
Effective as of December 15, 2011	Effective as of December 15, 2011
Signature: Rheshpande	Signature: Baul DX
Full Name: Raj Deshpande	Full Name: Paul Davis
Residence: D-6, Sai Vihar Apts. Karvenagar	Residence: R-301, IRIS, Magarpatta City, Hadaspar
Pune-411052	Pune-411013
INDIA	INDIA
Country: India	Country: India
Citizenship: India	Citizenship: India
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Dow Chemical International PVT. LTD.	Employed By: Dow Chemical International PVT, LTD.
Of Country: India	Of Country: India

At: Pune
this 12 day of January, 20 12
Effective as of December 15, 2011
Simon Alaquel
Signature.
Full Name: Vandaha Pandey
Residence: B-4/5, Utkarsh Nagar, Had
Pune-411028
INDIA
Country: India
Citizenship: India
P.O. Address: Same as Residence
Employed By: Dow Chemical International PVT, LTD.
Of Country: India

day of January this Effective as of December 15, 2011 191(ce) Signature: Full Name: Nitin Kore Residence: 24/2, Swami Vivekanand Socity-2, Vilajapur Road Solapur-413004 INDIA Country: India Citizenship: India P.O. Address: Same as Residence Employed By: Dow Chemical International PVT. LTD. Of Country: India

() Additional names and signatures are attached

PATENT REEL: 038758 FRAME: 0406

RECORDED: 06/01/2016