

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4977670

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MUKTHIYAR SADHULLAH	09/17/2014
SATHEESH VETTERKUNNEL KUMARAN	09/17/2014
DEBASIS BHATTACHARYYA	09/17/2014
GADARI SAIDULU	09/17/2014
SOMNATH KUKADE	09/19/2014
BRIJESH KUMAR	09/19/2014
SANTANAM RAJAGOPAL	09/18/2014
RECEIVING PARTY DATA	
Name:	INDIAN OIL CORPORATION LTD.
Street Address:	INDIAN OIL BHAVAN, 2, GARIAHAT ROAD (SOUTH)
Internal Address:	DHAKURIA
City:	KOLKATA, WEST BENGAL
State/Country:	INDIA
Postal Code:	700068
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15988909
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	kcale@mabr.com
Correspondent Name:	R. BURNS ISRAELSEN
Address Line 1:	MASCHOFF BRENNAN
Address Line 2:	1389 CENTER DR. SUITE 300
Address Line 4:	PARK CITY, UTAH 84098
ATTORNEY DOCKET NUMBER:	I1609.10030US02
NAME OF SUBMITTER:	R. BURNS ISRAELSEN
SIGNATURE:	/R. Burns Israelsen, Reg. No. 42685/

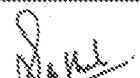
DATE SIGNED:	05/24/2018
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	AN APPARATUS AND PROCESS FOR FLUID CATALYTIC CRACKING	
Docket Number	11609.10030US01	
As the below named inventor, I hereby declare that:		
This declaration is directed to:	☐	The attached application, or
	☒	United States application or PCT international application number PCT/IB2012/057684 filed on <u>December 24, 2012</u> .
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
WHEREAS, Indian Oil Corporation Limited (hereinafter referred to as "ASSIGNEE") having a place of business at: G-9, Ali Yavar Jung Road, Bandra (East), Mumbai-400 051, India, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;		
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;		
I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;		
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and		
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.		
LEGAL NAME OF INVENTOR		
Inventor:	<u>Mukthiyar SADHULLAH</u>	Date: <u>17-9-2014</u>
Signature:	<u>S. Mukthiyar</u>	

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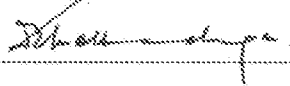
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LEGAL NAME OF INVENTOR		
Inventor:	Satheesh Vetterkunnel KUMARAN	Date: 17/9/14
Signature:		

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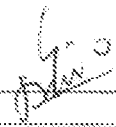
PATENT
REEL: 045899 FRAME: 0116

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LEGAL NAME OF INVENTOR		
Inventor:	<u>Debasis BHATTACHARYYA</u>	Date: <u>17.09.2014</u>
Signature:	<u></u>	

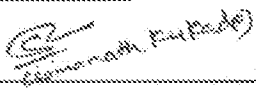
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LEGAL NAME OF INVENTOR		
Inventor:	Gadari SAIDULU	Date: <u>17/9/2014</u>
Signature:		

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LEGAL NAME OF INVENTOR			
Inventor:	Somnath KUKADE		Date: 10/25/2014
Signature:			

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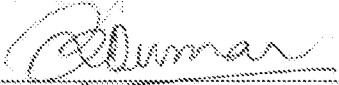
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LEGAL NAME OF INVENTOR

Inventor: Brijesh KUMAR

Date: 19-9-2014

Signature: 

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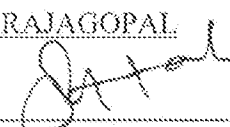
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LEGAL NAME OF INVENTOR	
Inventor:	<u>Santanam RAJAGOPAL</u>
Signature:	
Date:	<u>18.9.2014</u>

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PATENT