504089717 11/10/2016

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4136385

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIVEK SHANKARANARAYANAN	11/08/2016
SURESH SHANTILAL JAIN	11/08/2016
PAVANKUMAR ADURI	11/08/2016
RAJESH RATNAKAR TERDALKAR	11/08/2016
NITIN HARIBHAU PATIL	11/08/2016
PARASUVEERA UPPARA	11/08/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15117352

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JOHN RICHARDS
SIGNATURE:	/JOHN RICHARDS/
DATE SIGNED:	11/10/2016
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Total Attachments: 7

PATENT REEL: 040274 FRAME: 0483

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Practitioner's Docket No. <u>U 019703-5</u>				PATENT	
			For: For: For: For: By:	[] U.S. and/or [] Foreign Right [✓] U.S. Application or [] U.S. Provisional Application [] U.S. Patent [] PCT Application Multiple Inventors	
ASSIGNMENT	OF INV	ENTIC	M) N	ULTIPLE INVENTORS)	
In consideration of the paym (\$1.00), the receipt of which is consideration,	ent by A hereby a	SSIGN cknowle	EE to Aedged, a	ASSIGNOR of the sum of One Dolla and for other good and valuable	
ASSIGNORS (Inventors):					
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		<u>Indian</u> National	ity	· · · · · · · · · · · · · · · · · · ·	

(Assignment of Invention-page 1 of 6) 16-3

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	Indian
	Nationality
	r entity to whom invention was previously assigned
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Recorded on	Reel Frame RELIANCE INDUSTRIES LIMITED ((type or print name(s) of ASSIGNEE(S)) 3rd floor, Maker Chamber- IV, 222, Nariman Point, Mumbai - 400021,

(Assignment of Invention—Multiple Inventors—page 2 of 4) 16-3.2

REEL: 040274 FRAME: 0486

and the successors, assigns and legal representatives of the ASSIGNEE (complete one of the following) [1] the entire right, title and interest an undivided percent (%) right, title and interest for the United States and its territorial possessions (check the following box, if foreign rights are also to be assigned) and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: PROCESS FOR OXIDATION OF ALKYL AROMATIC COMPOUND TO AROMATIC CARBOXYLIC ACID Name of inventor(s) Vivek SHANKARANARAYANAN Suresh Shantilal JAIN Pavankumar ADURI Rajesh Ratnakar TERDALKAR Nitin Haribhau PATIL Parasuveera UPPARA (check and complete (a), (b), (c), (d), (e), (f) or (g)) and which is found in (37 C.F.R. 3.21) (a) Γ٦ Not yet filed U.S. patent application executed on even date herewith Not yet filed U.S. patent application executed on (b) [] Not yet filed U.S. provisional application naming the above inventor(s) (c) for the above-entitled invention [] To comply with 37 C.F.R. 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known. (d) [1] U.S. patent or provisional patent application no. 15/117,352 filed at PTO on August 8, 2016 International application no. PCT/IB2015/051256 (e) [1] filed 19 FEBRUARY 2015 (f) [] U.S. patent no. _ issued A change of address to which correspondence is to be sent [] regarding patent maintenance fees is being sent separately. (also check (g), if foreign application(s) is also being assigned) and any legal equivalent thereof in a foreign country, including the (g) right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or

re-examination thereof.

(Assignment of Invention—Multiple Inventors—page 3 of 4) 16-3.2

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

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Date:	08/11/2016/8	Carlotte St.	·67
	· •	Signature of ASSIGNOR(S) Vivek SHANKARANARAYANAN	
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		Signature of ASSIGNOR(S) Rajesh Ratnakar TERDALKAR	
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		Signature of ASSIGNOR(S) Nitin Haribhau PATIL	
Date:			1885
		Signature of ASSIGNOR(S) Parasuveera UPPARA	
	(if ASSIGNOR is a legal	entity, complete the following information)	
		authorized to sign on behalf of ASSIGNOR)	
		Title	
NOTE:		r legalization is necessary. If the assignment is notarized or orima facie evidence of execution, 35 USC 261. Use next page if	
		[] Notarization or Legalization Page Added.	

PATENT REEL: 040274 FRAME: 0488

(Assignment of Invention-Multiple Inventors-page 4 of 4) 16-3.2

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and eaid Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, fitigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, resintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

	Signature of ASSIGNOR(S) Vivek SHANKARANARAYANAN
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Wa Blutole	
×	Signature of ASSIGNOR(8 Suresh Shantilal JAIN
8.11.2016	A Pamenth 3 Signature of ASSIGNOR(S) Pavankumar ADURI
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	Signature of ASSIGNOR(S) Rajesh Ratnakar TERDALKAR
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	Signature of ASSIGNOR(S) Nitin Haribhau PATIL
	Signature of ASSIGNOR(S) Parasuvocra UPPARA
of ASSIGNO.	Cis a legal entity, complete the following information;
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(Assignment of Invention----Multiple Inventors----page 4 of 4) 16-3.2

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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				authorized	to sign on behalf of ASSIGNOR)	
				Title		
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(Assignment of Invention—Multiple Inventors—page 4 of 4) 16-3.2

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IN WITNESS WHEREOF, We have hereunto set hand and scal

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Date:		<u> </u>		25
			Signature of ASSIGNOR(8) Vivek SHANKARANARAYANAN	
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	***************************************		Signature of ASSIGNOR(S) Nitin Haribhau PATIL	•••
Date:	8.11.2016	<u> </u>	900-	~
			Signature of SSIGNOR(S) Parasuveera UPPARA	
	(if s	ISSIGNOR is a lega	l entity, complete the following information)	
			authorized to sign on behalf of ASSIGNOR)	
			Title	
NOTE:	legalized		or legalization is necessary. If the assignment is notarized or prima facie evidence of execution. 33 USC 261. Use next page if	
			[] Notarization or Legalization Page Added.	

(Assignment of Invention----Multiple Inventors---page 4 of 4) 16-3.2