### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Abhimanyu O. Patil	08/19/2013
Satish Bodige	08/19/2013
L. Oscar Farng	08/29/2013
Kathryn L. Peretti	08/23/2013

#### **RECEIVING PARTY DATA**

Name:	ExxonMobil Research and Engineering Company
Street Address:	1545 Route 22 East
Internal Address:	P.O. Box 900
City:	Annandale
State/Country:	NEW JERSEY
Postal Code:	08801-0900

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14017721

#### **CORRESPONDENCE DATA**

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Correspondent Name: ExxonMobil Research and Engineering Co.

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Address Line 4: Annandale, NEW JERSEY 08801-0900

ATTORNEY DOCKET NUMBER:	2012EM288-US2
NAME OF SUBMITTER:	Robert A. Migliorini
	PATENT

502487030 REEL: 031161 FRAME: 0140

14017721

Signature:	/Robert A. Migliorini/
Date:	09/09/2013
Total Attachments: 3 source=2012EM288-US2-Assignment#page source=2012EM288-US2-Assignment#page source=2012EM288-US2-Assignment#page	e2.tif

PATENT REEL: 031161 FRAME: 0141

USSN 14/017,721 Filed: September 4, 2013

#### ASSIGNMENT **INVENTOR or INVENTORS:**

Abhimanyu O. Patil

Satish Bodige

L. Oscar Farng

Kathryn L. Peretti

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

LUBRICANT AND FUEL DISPERSANTS AND METHODS OF PREPARATION THEREOF							
said application having been exe further identified as Case Numbounternational conventions or trea	1165.						
2) UNDERSIGNED ag relating to obtaining patents at applications or substitutes thereforecording in the United States P expedient.	nd the prosect fore or registrate atent and Trac	ution thereof for ations thereof, and demark Office and	l any specific so	eparate as	ssignments of an	y of the abo EE may de	ove required for em necessary or
3) UNDERSIGNED ag patent issued thereon, or any rei UNDERSIGNED will cooperate executing all documents and given	ssue or applic e with ASSIC ving and produ	ation for the reiss SNEE to the best scing evidence in	of the ability of support thereof	of UNDI	ERSIGNED in t	he matter of	f preparing and
4) UNDERSIGNED ag and foreign patents covering sa and as entirely as the same wou	id invention of ld have been l	r improvement an neld and enjoyed	by UNDERSIG	NED if t	his assignment a	and sale had	not been made.
5) UNDERSIGNED he executed the Declaration for the	e above-refere	nced patent appli	cation.				
IN WITNESS WHEREOF, th NAME.  Date 8/19/2013						pposite UN	idersigned's
Date 8 19 13	InventorSa	himanyu/O/Patil	2	_(LS)	Witness_	tyll	wy
Date	InventorL.	Oscar Farng		_(LS)	Witness		
Date	InventorK	athryn L. Peretti		_(LS)	Witness		
Date	Inventor			_(LS)	Witness		
Date	Inventor			(LS)	Witness		
					Family Numbe	r:201	2EM288-US2

**PATENT** REEL: 031161 FRAME: 0142

USSN	14/017,721
Filed:	September 4, 2013

# ASSIGNMENT INVENTOR or INVENTORS:

Abhimanyu O. Patil

Satish Bodige

Inventor\_\_\_

L. Oscar Farng

Kathryn L. Peretti

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## LUBRICANT AND FUEL DISPERSANTS AND METHODS OF PREPARATION THEREOF

said application having been exec further identified as Case Number international conventions or treat	r <u>RAM-122</u> ies.	29_; and all	rights of p	riority created by	said application	under prov	
2) UNDERSIGNED agree relating to obtaining patents and applications or substitutes thereforecording in the United States Patexpedient.	d the prosecu ore or registrat tent and Trade	ition thereof ions thereof, emark Office	for said and any spand any fe	invention or imp pecific separate a oreign patent offi	rovement, and a ssignments of an ce that ASSIGNI	of the abo EE may dee	ove required for om necessary or
3) UNDERSIGNED agree patent issued thereon, or any reiss UNDERSIGNED will cooperate executing all documents and giving	sue or applicate with ASSIGN and produce the contraction of the contra	tion for the ro NEE to the being evidence	eissue ther best of the in suppor	eof, becoming in ability of UNDI thereof.	volved in priority ERSIGNED in th	of invention of	on proceedings, f preparing and
4) UNDERSIGNED agree and foreign patents covering said and as entirely as the same would	invention or	improvement	t and to ve	st all rights there	in hereby convey	ed to ASSI	GNEE, as fully
5) UNDERSIGNED her executed the Declaration for the	eby authorize above-referen	e(s) ASSIGN: ced patent ap	EE to inse plication.	rt in this instrum	ent the date(s) o	n which Ul	NDERSIGNED
IN WITNESS WHEREOF, this NAME.	assignment l	has been exe	ecuted by	UNDERSIGNEI	on the date op	posite UN	DERSIGNED's
Date	InventorAbhi	imanyu O. Patil		(LS)	Witness		
Date	InventorSatis	sh Bodige		(LS)	Witness	$\overline{n}$	<u></u>
Date_ 8/29/2013	Inventor L. O	Scar Farng	fa	F (LS)	Witness	W.Ka	Marglor
Date	InventorKath	ıryn L. Peretti		(LS)	Witness		
Date	Inventor			(LS)	Witness		

PATENT REEL: 031161 FRAME: 0143

Family Number: 2012EM288-US2

USSN 14/017,721

Filed: September 4, 2013

# ASSIGNMENT INVENTOR or INVENTORS:

Abhimanyu O. Patil

Satish Bodige

L. Oscar Farng

Kathryn L. Peretti

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said application having been further identified as Case Nuinternational conventions or t	executed on the 19,23, 29 mber ; and all rights of treaties.	day(s) of	August by said application	2013 , and being under provisions of
relating to obtaining patents	agree(s) upon the request of ASSIGN s and the prosecution thereof for said erefore or registrations thereof, and any s Patent and Trademark Office and any	l invention or in specific separate	nprovement, and an assignments of any	ny continuations of such of the above required for
patent issued thereon, or any UNDERSIGNED will coope	agree(s) that in the event of any application for the reissue the erate with ASSIGNEE to the best of the giving and producing evidence in support	ereof, becoming in a bility of UNI	involved in priority	of invention proceedings,
and foreign natents covering	agree(s) to perform upon ASSIGNEE' said invention or improvement and to vould have been held and enjoyed by UN	vest all rights the	rein hereby conveye	ed to ASSIGNEE, as fully
5) UNDERSIGNED executed the Declaration for	hereby authorize(s) ASSIGNEE to interest the above-referenced patent application	sert in this instru ı.	ment the date(s) or	n which UNDERSIGNED
IN WITNESS WHEREOF, NAME.	this assignment has been executed by	y UNDERSIGNI	ED on the date opp	posite UNDERSIGNED's
Date	InventorAbhimanyu O. Patil	(LS)	Witness	
Date	InventorSatish Bodige	(LS)	Witness	
Date	InventorL. Oscar Farng	(LS)	Witness	· / >
Date 8 23 13	Inventor Kathryn L. Pojetti	(LS)	Witness lun	intit
Date	Inventor	(LS)	Witness	
Date	Inventor	(LS)	Witness	
			Family Number:	2012EM288-US2

PATENT REEL: 031161 FRAME: 0144

**RECORDED: 09/09/2013**