# 503501673 09/29/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3548299

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
EDWARD W. CORCORAN JR		09/22/2015
PAVEL KORTUNOV		09/16/2015
CHARANJIT S. PAUR		09/15/2015
PETER I. RAVIKOVITCH		09/15/2015
YU WANG		09/18/2015
AVELINO CORMA CANOS		09/17/2015
FERNANDO REY GARCIA		09/24/2015
SUSANA VALENCIA VALENCIA		09/17/2015
ANGEL CANTIN SANZ		09/17/2015
MIGUEL PALOMINO ROCA		09/22/2015

### **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: 3**

Property Type	Number
Application Number:	14744334
Application Number:	14744248
Application Number:	14744485

### CORRESPONDENCE DATA

Fax Number:	(908)730-3649	
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:	908-730-3202	
Email:	jocelyn.k.justice@exxonmobil.com	
Correspondent Name:	EXXONMOBIL RESEARCH & ENGINEERING CO.	
Address Line 1:	1545 ROUTE 22 EAST	

PATENT

REEL: 036685 FRAME: 0435

	BOX 900 ANDALE, NEW JERSEY 08801-0900	
ATTORNEY DOCKET NUMBER:	2015EM157, 156, 158	
NAME OF SUBMITTER:	ANDREW T. WARD	
SIGNATURE:	/Andrew T. Ward/	
DATE SIGNED:	09/29/2015	
Total Attachments: 4		
source=2015EM157-US-2015-09-24-Assignment#page1.tif		
source=2015EM157-US-2015-09-24-Assignment#page2.tif		
source=2015EM157-US-2015-09-24-Assignment#page3.tif		
source=2015EM157-US-2015-09-24-Assignment#page4.tif		

PATENT TRADEMARK OFFICE

	Application Serial No.		14/744,334
	ASSIGNMENT INVENTOR or INVENTORS:	EMRE Docket No.	2015EM157
EDWARD W. CORCORAN, JR.	PAVEL KORTUNOV	CHARANJIT	S. PAUR
PETER I. RAVIKOVITCH	YU WANG	AVELINO COR	MA CANOS
FERNANDO REY GARCIA	SUSANA VALENCIA VALENCIA	ANGEL CAN	TÍN SANZ
MIGUEL PALOMINO ROCA			

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

#### SEPARATION AND STORAGE OF FLUIDS USING ITO-55

15th, 16th, 17th, said application having been executed on the 18th, 22nd & 24th day(s) of September ..., 2015, and being further identified as EMRE Docket No. 2015EM157; all rights of priority created by said application under provisions of international convention or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date 9/22/15	Inventor	Witness De
Date 9/16/15	EDWARD W. CORCORAN, JR. Inventor Navel (LS)	Wilness Der
Date 91515	PAVEL KORTUNON	Winkss Quere
Date 9/15/15	Inventor (LS)	Witness

Page 1 of 3

PATENT REEL: 036685 FRAME: 0437 EDWARD W.

MIGUEL PALOMINO ROCA

			****
		EMRE Docket No.	2015EM157
	ASSIGNMENT INVENTOR or INVENTORS:		
DWARD W. CORCORAN, JR.	PAVEL KORTUNOV	CHARANJ	IT S. PAUR
PETER I. RAVIKOVITCH	YU WANG	AVELINO CO	RMA CANOS
FERNANDO REY GARCIA	SUSANA VALENCIA VALENCIA	ANGEL CA	NTÍN SANZ

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Date9/18/2015	Inventor Ya Mar (I YU WANG	s) Witness
Date	Inventor(L AVELINO CORMA CANOS	S) Witness
Date	Inventor(I	S) Witness
Date	Inventor(I SUSANA VALENCIA VALENCIA	S) Witness
Page 2 of 3		

14/744,334

Application Serial No.

PATENT TRADEMARK OFFICE.

EMRE Docket No. 2015EM157 ASSIGNMENT INVENTOR or INVENTORS: EDWARD W. CORCORAN, JR. PAVEL KORTUNOV CHARANJIT S. PAUR PETER I. RAVIKOVITCH YU WANG **AVELINO CORMA CANOS** FERNANDO REV GARCIA SUSANA VALENCIA VALENCIA ANGEL CANTÍN SANZ MIGUEL PALOMINO ROCĂ

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Date	Inventor	(1.8)	Witness
Date. 17-07-0015	Inventor UL LILLO OFULA	_(2.S)	Witness
Date <u>24~09-2015</u>	hrventor		Witness
Date <u>17-09-2015</u>	Inventor	 IA	Witnesss

Page 2 of 3

PATENT REEL: 036685 FRAME: 0439

14/744.334 Application Serial No.

PATENT TRADEMARK OFFICE

Application Serial No. 14/744,334

EMRE Docket No. 2015EM157

ASSIGNMENT INVENTOR or INVENTORS:				
EDWARD W. CORCORAN, JR.	PAVEL KORTUNOV	CHARANJIT S. PAUR		
PETER I. RAVIKOVITCH	YU WANG	AVELINO CORMA CANOS		
FERNANDO REY GARCIA	SUSANA VALENCIA VALENCIA	ANGEL CANTÍN SANZ		
MIGUEL PALOMINO ROCA				

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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME. Carrosser A. M. Mar

Date <u>17/651/2015</u>	Inventor	_(LS)	Witness
Date_ <u>72/08/70/</u> 5	Inventor	(LS)	WitnessAAAA
Date	Inventor	_(1.8)	Witness
Dute	Inventor	_(LS)	Witness

Page 3 of 3

### PATENT REEL: 036685 FRAME: 0440

**RECORDED: 09/29/2015**