04/13/2018 504867101

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4913841

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANGYUB PAEK	02/01/2018
MICHAEL P. LANCI	02/01/2018
RANDALL D. PARTRIDGE	02/12/2018
ALLEN W. BURTON	02/12/2018
PETER I. RAVIKOVITCH	02/08/2018
SUMATHY RAMAN	02/01/2018

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:	15886153

CORRESPONDENCE DATA

Fax Number: (908)335-3649

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: 9083353605

Email: kimberly.m.shapiro@exxonmobil.com

EXXONMOBIL RESEARCH AND ENGINEERING COMPANY **Correspondent Name:**

1545 ROUTE 22 EAST Address Line 1:

Address Line 2: P.O. BOX 900

Address Line 4: ANNANDALE, NEW JERSEY 08801

ATTORNEY DOCKET NUMBER:	2018EM014
NAME OF SUBMITTER:	KRISTINA LEAVITT
SIGNATURE:	/Kristina Leavitt/
DATE SIGNED:	04/13/2018

PAIENI **REEL: 045530 FRAME: 0613** 504867101

Total Attachments: 3

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PATENT REEL: 045530 FRAME: 0614

PATENT TRADEMARK OFFICE

Application Serial No.	15/886,153
EMRE Docket No.	2018EM014

ASSIGNMENT INVENTOR or INVENTORS:

CHANGYUB PAEK

MICHAEL P. LANCI

RANDALL D. PARTRIDGE

ALLEN W. BURTON

PETER I. RAVIKOVITCH

SUMATHY RAMAN

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

PROCESSES FOR SEPARATING DIMETHYL BIPHENYL ISOMERS USING ZEOLITE ADSORBENTS

1st. 8th

12th said application having been executed on the identified as EMRE Docket No. 2018EM014; all rights of priority created by said application under provisions of international

day(s) of February

, 2018, and being further

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. Inventor Mitness CHÂNGYUB PAEK Date Inventor (LS)Witnes.Inventor Wilms inventor Wiines 1223003007737 PETER I. RAVIKOVITCH Inventor_ (LS)Date Witness SUMATHY RAMAN

> PATENT REEL: 045530 FRAME: 0615

27810

27810
PATENT TRADEMARK OFFICE

Application Serial No.	15/886,153
EMRE Docket No.	2018EM014

ASSIGNMENT INVENTOR or INVENTORS:

CHANGYUB PAEK

MICHAEL P. LANCI

RANDALL D. PARTRIDGE

ALLEN W. BURTON

PETER I. RAVIKOVITCH

SUMATHY RAMAN

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PROCESSES FOR SEPARATING DIMETHYL BIPHENYL ISOMERS USING ZEOLITE ADSORBENTS

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8th

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

Date	Inventor	(LS)	Witness
Date2/1/18	CHANGYUB PAEK Inventor MICHAEL P. LANCI	mili(LS)	Witness 2
Date	InventorRANDALL D. PARTRIDGE	(LS)	Witness
Date	InventorALLEN W. BURTON	(LS)	Witness
Date	InventorPETER I. RAVIKOVITCH	(LS)	Witness
Date	InventorSUMATHY RAMAN	(LS)	Witness

PATENT REEL: 045530 FRAME: 0616

27810 27810 PATENT TRADEMARK OFFICE

Application Serial No.	15/886,153
EMRE Docket No.	2018EM014

ASSIGNMENT INVENTOR or INVENTORS:

CHANGYUB PAEK

MICHAEL P. LANCI

RANDALL D. PARTRIDGE

ALLEN W. BURTON

PETER I. RAVIKOVITCH

SUMATHY RAMAN

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Date	InventorCHANGYUB PAEK	(LS)	Winess
Date	Inventor MICHAEL P. LANCI	(LS)	Witness
Date	InventorRANDALL D. PARTRIDGE	(L5)	Witness
Date	InventorALLEN W. BURTON	(LS)	Wimess
Date	Inventor		Witness
Date 02 01 18	Inventor SUNDAN RAMA SUMATHY RAMAN	n (LS)	Witness 1991

PATENT REEL: 045530 FRAME: 0617

RECORDED: 04/13/2018