

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4564877

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAPIL KANDEL	08/02/2017
REYYAN KOC-KARABOCEK	08/18/2017
TENG XU	08/15/2017
FRANK CHENG-YU WANG	08/03/2017
DAVID T. FERRUGHELLI	08/03/2017
RECEIVING PARTY DATA	
Name:	EXXONMOBIL CHEMICAL PATENTS INC.
Street Address:	5200 BAYWAY DRIVE
City:	BAYTOWN
State/Country:	TEXAS
Postal Code:	77520
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15667045
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>	
Phone:	281-834-0548
Email:	alyssa.stephens@exxonmobil.com
Correspondent Name:	EXXONMOBIL CHEMICAL COMPANY
Address Line 1:	5200 BAYWAY DRIVE
Address Line 2:	P.O. BOX 2149
Address Line 4:	BAYTOWN, TEXAS 77522-2149
ATTORNEY DOCKET NUMBER:	2016EM224/2
NAME OF SUBMITTER:	BRANDON J. HINDMARSH
SIGNATURE:	/Brandon J. Hindmarsh/
DATE SIGNED:	08/24/2017
Total Attachments: 15	

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source=2016EM224-US-2-2017-08-24-Assignment#page15.tif

ASSIGNMENT

INVENTOR(S):

Kapil Kandel

Reyyan Koc-Karabocek

Teng Xu

Frank Cheng-Yu Wang

David T. Ferrughelli

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

- 1) UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., 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:

"Upgrading Hydrocarbon Pyrolysis Tar"

and being further identified as USSN Application No.: 15/667045; Atty. Docket No. 2016EM224/2, filed, August 2, 2017, and all rights of priority created by said application under provisions of international conventions 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 therefore 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's attorney to insert at paragraph 1, in this instrument the date on which the above-referenced patent application was filed, as well as the application number thereof when known.

ASSIGNMENT (Cont'd.)

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

DATE 08/02/2017

Kapil Kandel
Kapil Kandel

Kapil Kandel

Xiaoying Bao
Witness (Print Name)

Xiaoying Bao
Witness (Signature)

Witness (Signature) _____

DATE 0

Reyyan Koc-Karaboccek

Reyyan Koc-Karabocek

Witness (Print Name)

Witness (Signature)

Witness (Signature)

DATE _____

Teng Xu

Teng Xu

Witness (Print Name)

Witness (Signature)

Witness (Signature)

DATE _____

Frank Cheng-Yu Wang

Frank Cheng-Yu Wang

Witness (Print Name)

Witness (Signature)

Witness (Signature)

ASSIGNMENT (Cont'd.)

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DATE _____

David T. Ferrughelli

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

Kapil Kandel

Reyyan Koc-Karaboccek

Teng Xu

Frank Cheng-Yu Wang

David T. Ferrugbelli

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DATE _____
_____ **Kapil Kandel**

Witness (Print Name) Witness (Signature)

DATE 08/18/17 _____
_____ **Reyyan Koc-Karaboccek**

Elizabeth Mahoney _____
Witness (Print Name) Witness (Signature)

DATE _____
_____ **Teng Xu**

Witness (Print Name) Witness (Signature)

DATE _____
_____ **Frank Cheng-Yu Wang**

Witness (Print Name) Witness (Signature)

ASSIGNMENT (Cont'd.)

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DATE _____

David T. Ferrughelli

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

Kapil Kandel

Reyyan Koc-Karaboccek

Teng Xu

Frank Cheng-Yu Wang

David T. Ferrughelli

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DATE _____ Kapil Kandel

Witness (Print Name) Witness (Signature)

DATE _____ Reyyan Koc-Karaboccek

Witness (Print Name) Witness (Signature)

DATE 08/15/2017 Teng Xu
Teng Xu

HSU CHIANG Hsu Chiang
Witness (Print Name) Witness (Signature)

DATE _____ Frank Cheng-Yu Wang

Witness (Print Name) Witness (Signature)

ASSIGNMENT (Cont'd.)

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

DATE _____

David T. Ferrughelli

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

Kapil Kandel

Reyyan Koc-Karabocek

Teng Xu

Frank Cheng-Yu Wang

David T. Ferrughelli

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DATE _____
_____ **Kapil Kandel**

Witness (Print Name) Witness (Signature)

DATE _____
_____ **Reyyan Koc-Karaboccek**

Witness (Print Name) Witness (Signature)

DATE _____
_____ **Teng Xu**

Witness (Print Name) Witness (Signature)

DATE August 3, 2017 _____
_____ **Frank Cheng-Yu Wang**

MADHAVI VADLAMUDI _____
Witness (Print Name) Witness (Signature)

ASSIGNMENT (Cont'd.)

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

DATE _____
David T. Ferrughelli

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

Kapil Kandel

Reyyan Koc-Karaboccek

Teng Xu

Frank Cheng-Yu Wang

David T. Ferrughelli

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DATE _____
_____ Kapil Kandel

Witness (Print Name) Witness (Signature)

DATE _____
_____ Reyvan Koc-Karaboccek

Witness (Print Name) Witness (Signature)

DATE _____
_____ Teng Xu

Witness (Print Name) Witness (Signature)

DATE _____
_____ Frank Cheng-Yu Wang

Witness (Print Name) Witness (Signature)

ASSIGNMENT (Cont'd.)

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

DATE 8-3-17 David T. Ferrughelli
David T. Ferrughelli

Stuart Smith [Signature]
Witness (Print Name) Witness (Signature)