504307345 04/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4354026

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORGE STEPHENS	03/31/2017
DAVID B. SPICER	02/03/2017

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:	15378462

CORRESPONDENCE DATA

Fax Number: (281)834-2495

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: 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:	2016EM060/2
NAME OF SUBMITTER:	BRANDON J. HINDMARSH
SIGNATURE:	/Brandon J. Hindmarsh/
DATE SIGNED:	04/05/2017

Total Attachments: 4

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PATENT 504307345 REEL: 041857 FRAME: 0618

ASSIGNMENT

INVENTOR(S):

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David B. Spicer

George Stephens

promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

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:

"Burner, Furnace, and Steam Cracking Processes Using the Same"

and being further identified as USSN Application No.: 15/378462; Atty. Docket No. 2016EM060/2, filed, December 14, 2016, 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.

Page 1 of 2

PATENT REEL: 041857 FRAME: 0619

ASSIGNMENT (Cont'd.)

IN WITNESS WHEREOF, this assignmen opposite UNDERSIGNED'S NAME.	t has been executed by UNDERSIGNED on the date
date 3//4/20/7	
	Géorge Stephens (Inventor)
Hoer Paexason	Soul Clarkeye
Witness (Print Name)	Witness (Signature)
DATE	——————————————————————————————————————
	David B. Spicer (Inventor)
Witness (Print Name)	Witness (Signature)

ASSIGNMENT INVENTOR(S):

			3																													3					

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:

"Burner, Furnace, and Steam Cracking Processes Using the Same"

and being further identified as USSN Application No.: <u>15/378462</u>; Atty. Docket No. <u>2016EM060/2</u>, filed, <u>December 14, 2016</u>, 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.

Page 1 of 2

ASSIGNMENT (Cont'd.)

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

DATE	
	George Stephens (Inventor)
Witness (Print Name)	Witness (Signature)
DATE <u>February 3, 2017</u>	DavidAnio
<i>(</i> /	yavid B. Spicer (Inventor)
William Aslance	Willia aslam
Witness (Print Name)	Witness (Signature)