Docket No.: 2007EM164

FORM PTO-1595 (Madified) (Rev. 03-01)	RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE
OMB No. 0661-0027 (exp.6/31/2002) P0BA/REV04	PATENT	S ONLY	Patent and Trademark Office <sup>1</sup>
Tab settings → → → ▼	<b>V</b>	▼ ▼	<del></del>
To the Director of the United States Pate  1. Name of conveying party(ies):  Michael C. Clark (July 3, 2007)  Frederick Y. Lo (June 20, 2007)	ent and Trademark Offi	ce: Please record the attached  2. Name and address of reconstruction  Name: ExxenMobil Chem	ceiving party(ies):
Christine N. Elia (June 21, 2007) Matthew J. Vincent (June 20, 2007)		Address: 13501 Katy Free	way
Additional names(s) of conveying party(ies)	☐ Yes ☒ No		
3. Nature of conveyance:	dayaan		
<u></u>	Merger Change of Name	City: Houston	State/Prov.: Texas
Other		Country: <u>US</u> ZIP: <u>77079</u>	
Execution Date: June 20 & 21, 2007 and J	iury 3, 2007	Additional name(s) & address(es)	□ Yes ⊠ No
4. Application number(s) or patent numbers If this document is being filed together with		he execution date of the app	lication is:
Patent Application No. Filing da	ate	B. Patent No.(s)	
11/820,907 June 21, 1	Additional numbers	☐ Yes 🏻 No	
<ol><li>Name and address of party to whom cor concerning document should be mailed:</li></ol>	·	6. Total number of applicati	ons and patents involved:
Name: Xiaobing Feng	/s +1 *	7. Total fee (37 CFR 3.41):	\$ 40.00
Registration No. 57,231  Address: ExxonMobil Chemical Company  P O Box 2149		<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>	
		☑ Authorized to be cha	rged to deposit account
		8. Deposit account number	<del></del>
•	Prov.: <u>Texas</u>	05-1712	
Country: US ZIP:	77522-2149	(Attach duplicate copy of this	s page if paying by deposit account)
9. Statement and signature.  To the best of my knowledge and belief, of the original document.		USE THIS SPACE	any attached copy is a true copy
Xiaobing Feng Name of Person Signing Total numb	per of pages including cov	Signature rer sheet, attachments, and docum	September 10, 2007  Date

JUL 03 2007 8:28AM HP LASERJET 3200

p.2

## ASSIGNMENT

# INVENTOR or INVENTORS:

	•			
MICHAEL C. CLARK		FREDERICK Y. LO		
CHRISTINE N. ELIA		MATTHEW J. VINCENT		
promise of p	on of One Dollar (\$1.00) and other good and va ayment which is hereby acknowledged, the und UNDERSIGNED, hereby agree(s) as follows:	hable consideration, the receipt of and/or dersigned person(s) named above, herein		
1)	UNDERSIGNED hereby assign(s) to Exxonly of the State of Delaware, its successors, legal representation to collectively as ASSIGNEE, the entire right, all foreign countries, in and to UNDERSIGNE patent applications and patents covering same entitled	representatives and assigns, herein referred title and interest, for the United States and ID'S invention or improvement and to all which is described in a patent application		
and b	"IMPROVED LIQUID PHASE AL pplication having been executed on the eing further identified as Case No. 2007EM164 ation under provisions of international conventions	KYLATION PROCESS"  June 2007 a  19 44 21 day of July 2007,  and all rights of priority created by said  s or treaties.		
2)	UNDERSIGNED agree(s) upon the request applications for and documents relating to obt for said invention or improvement, and an substitutes therefor or registrations thereof, and of the above required for recording in the United any foreign patent office that ASSIGNEE may	taming patents and the prosecution thereof y continuations of such applications or d any specific separate assignments of any of States Patent and Trademark Office and		
3)	UNDERSIGNED agree(s) that in the event of invention or improvement, or patent issued the reissue thereof, becoming involved in priority of will cooperate with ASSIGNEE to the best of matter of preparing and executing all documents support thereof.	etleon, or any reissue or application for the of invention proceedings, UNDERSIGNED of the ability of UNDERSIGNED in the		
4)	UNDERSIGNED agree(s) to perform upon Assacts to obtain United States and foreign patent and to vest all rights therein hereby conveyed the same would have been held and enjoyed be sale had not been made.	to ASSIGNEE, as fully and as entirely as		
5)	UNDERSIGNED hereby authorize(s) ASSIGN this instrument the date(s) on which UNDERS	NEE's attorney to insert at paragraph 1, in SKGNED executed the Declaration for the		

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above-referenced patent application.

PATENT REEL: 019809 FRAME: 0329 JUL 03 2007 8:28AM HP LASERJET 3200

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME. DATE July 3,07 milael Co Clare MICHAEL C. DATE \_\_\_\_\_ FREDERICK Y. LO Witness DATE \_\_\_\_ CHRISTINE N. ELIA Witness DATE \_\_\_\_ MATTHEW J. VINCENT Witness

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**PATENT** 

**REEL: 019809 FRAME: 0330** 

Jun-20-07 09:41am From-ExxonMobil Res, & Eng,

0087303314

T-181 P.02/06 F-810

# ASSIGNMENT

## IN ENTOR or INVENTORS:

MICHAEL C. CLARK	FREDERICK Y. LO
CHRISTINE N. ELIA	MATTHEW J. VINCENT
In consideration of One Dollar (\$1.00) promise of payment which is hereby referred to as UNI ERSIGNED, hereby	and other good and valuable consideration, the receipt of and/or acknowledged, the undersigned person(s) named above, herein agree(s) as follows:

UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., a corporation of the State of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIMPLE, 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

said application having been executed on the 3rd day(s) of July 2007, and being further identified at Case No. 2007EM164; and all rights of priority created by said application under provisions of international conventions or treaties.

- UNDERSIGNED agr. e(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.
- 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 agrac(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 here by authorize(3) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced pate at application.

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#### ASSIGNMENT

#### INVENTOR or INVENTORS:

MICHAEL C. CLARK	FREDERICK Y. LO
CHRISTINE N. ELIA	MATTHEW J. VINCENT

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 ExconMobil Chemical Patents Inc., a corporation of the State 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

said application having been executed on the 18th 19th 4 21st day of June 2007 and said application having been executed on the day(s) of July 2007, and being further identified as Case No. 2007EM164; 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 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.
- 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(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

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PAGE 03/06

ору	IN WITNESS WHEREOF, this ass posite UNDERSIGNED'S NAME.	algament has been executed by UNDERSIGNED on the date
DATE _		
_		MICHAEL C. CLARK
		și _
		Witness
DATE		
DVIE -		FREDERICK Y. LO
DATE	6/21/2007	Witness S
<b></b>		CHRISTINE N. ELIA
	Cheryl a	Witness CHRISTINE N. ELIA
DATE		
		MATTHEW J. VINCENT
		Witness

#### ASSIGNMENT

#### INVENTOR or INVENTORS:

MICHAEL C. CLARK	FREDERICK Y. LO
CHRISTINE N. ELIA	MATTHEW J. VINCENT

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:

UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., a corporation of the State 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

"IMPROVED LIQUID PHASE ALKYLATION PROCESS" June 2007 and said application having been executed on the 3th day(s) of July 2007, and being further identified as Case No. 2007EM164; 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 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's attorney to insert at paragraph 1, 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 _				
				MICHAEL C. CLARK
	,		Witness	<u>.</u>
DATE _	-11-			
				FREDERICK Y. LO
			Witness	
DATE _		•		CITIZENINE M. DV VA
				CHRISTINE N. ELIA
	•		Witness	
DATE _	6/20/200	7	Matth J.V.	<u> </u>
		Custim	Cordona	MATTHEW J. VINCENT
		_	Witness	

**RECORDED: 09/10/2007**