06-19-2002 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 atent and Trademark Office EET 102127236 R To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof Name and address of receiving party(ies): Name of conveying party(ies): 1. Zhaozhong Jiang J. Scott Buchanan Name: ExxonMobil Chemical Patents Inc. Jose G. Santiesteban 2-11-02 Additional name(s) of conveying party(ies) attached? Street Address: 13501 Katy Freeway ☐ Yes ⊠ No City: Houston State: Texas ZIP: 77079 Nature of conveyance: 3. Additional name(s) & address(es) attached? \( \subseteq \) Yes \( \subseteq \) No Merger Other Execution Dates: 10/12/01 10/15/01 10/12/01 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is Patent No.(s) Patent Application No.(s) Α. 09/976,608 ⊠ No Total number of applications and patents involved: [1] Name and address of party to whom correspondence 6. 5. concerning documents should be mailed: Total fee (37 CFR 1.41): \$40.00 7. Louis N. Moreno Name: Internal Address: ExxonMobil Chemical Company Authorized to be charged to deposit account 冈 Law Technology P.O. Box 2149 Mailing Address: City: Baytown State: Texas ZIP: 77522-2149 Deposit account number: 05-1712 DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing i-formation is true and correct and any attached copy is a true 9. copy of the original document. Louis N. Moren October 26, 2001 Louis N. Moreno Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: [7] Mail documents to be recorded with required cover sheet information to: COMMISSIONER OF PATENTS AND TRADEMARKS BOX ASSIGNMENT WASHINGTON DC 20231 02/27/2002 ANHED1 00000051 051712 HUREHU L 40.00 CH 01 FC:581 E/BPC/LAW/DOCUMENT/Lrim/2001 Cases/2001B097 (Asgnmt Cvr) dot

> PATENT REEL: 012987 FRAME: 0245

Case Docket No. 2001B097

## ASSIGNMENT

#### INVENTOR or INVENTORS:

J. Scott Buchanan	Zhaozhong Jiang
Jose G. Santiesteban	
In consideration of One Dollar (\$1.00) and other good ar which is hereby acknowledged, the undersigned person(s) na as follows:	nd valuable consideration, the receipt or and/or promise of payment amed above, herein referred to as UNDERSIGNED, hereby agree(
successors, legal representatives and assigns, herein refer	onMobil Chemical Patents Inc., a corporation of Delaware, is red to collectively as ASSIGNEE, the entire right, title and interest to UNDERSIGNED'S invention or improvement and to all patered in a patent application entitled
"Co-Production of Dialkyl Carbonates and	d Diols with Treatment of Hydroxy Alkyl Carbonate"
said application having been executed on the	day(s) of September 2001
and being further identified as Case Docket No. 2001B09 of priority created by said application under provisions of	7, U.S.S.N. Not Yet Assigned, filed October 12, 2001; and all right international conventions or treaties.
relating to obtaining patents and the prosecution thereof applications or substitutes therefor or registrations thereof	of ASSIGNEE to execute any and all applications for and document of for said invention or improvement, and any continuations of such and any specific separate assignments of any of the above required k Office and any foreign patent office that ASSIGNEE may deem
or patent issued thereon, or any reissue or application f	f any application based on said assigned invention or improvement for the reissue thereof, becoming involved in priority of invention GNEE to the best of the ability of UNDERSIGNED in the matter of aducing evidence in support thereof.
or I feet material covering said invention or	ASSIGNEE'S request any and all affirmative acts to obtain United improvement and to vest all rights therein hereby conveyed to have been held and enjoyed by UNDERSIGNED if this assignment.
5) UNDERSIGNED hereby authorize(s) ASSIG on which UNDERSIGNED executed the Declaration fo and application number thereof when known.	NEE's attorney to insert at paragraph 1, in this instrument the date(so the above-referenced patent application, as well as the filing date.
IN WITNESS WHEREOF, this assignment has been exe	ecuted by UNDERSIGNED on the date opposite UNDERSIGNED
DATE	J. Scott Buchanan (Inventor)  1. Scott Buchanan (Inventor)
mane	nne Kane

PATENT: \TEMP\2001B097 (Assign).dot

REEL: 012987 FRAME: 0246

DATE				(LS)
		*	Jose G. Santiesteban (Inventor)	
	Witness (Print Name):			
DATE			Zhaozhong Jiang (Inventor)	(LS)
	Witness (Print Name):	1.1/41 /7 //		

### ASSIGNMENT

# INVENTOR or INVENTORS:

J. Scott Buchanan	Zhaozhong Jiang
Jose G. Santiesteban	<del></del>
In consideration of One Dollar (\$1.00) and of which is hereby acknowledged, the undersigned as follows:	ther good and valuable consideration, the receipt of and/or promise of payme person(s) named above, herein referred to as UNDERSIGNED, hereby agreed
successors, legal representatives and assigns,	herein referred to collectively as ASSIGNEE, the entire right, title and interesties, in and to UNDERSIGNED'S invention or improvement and to all pater is described in a patent application entitled
"Co-Production of Dialkyl Car	bonates and Diols with Treatment of Hydroxy Alkyl Carbonate"
said application having been executed on the	day(s) of
and being further identified as Case Docket N of priority created by said application under p	to. 2001B097, U.S.S.N. Not Yet Assigned, filed October 12, 2001; and all righterovisions of international conventions or treaties.
relating to obtaining patents and the prosecu	tion thereof for said invention or improvement, and any continuations of suctions thereof, and any specific separate assignments of any of the above required Trademark Office and any foreign patent office that ASSIGNEE may dee
or patent issued thereon, or any reissue or a	the event of any application based on said assigned invention or improvement application for the reissue thereof, becoming involved in priority of inventions with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of ving and producing evidence in support thereof.
a 1 f tenta acrearing said it	form upon ASSIGNEE'S request any and all affirmative acts to obtain United invention or improvement and to vest all rights therein hereby conveyed ame would have been held and enjoyed by UNDERSIGNED if this assignment.
5) UNDERSIGNED hereby authorize on which UNDERSIGNED executed the Deand application number thereof when known.	ze(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(sclaration for the above-referenced patent application, as well as the filing date.
IN WITNESS WHEREOF, this assignment late.	has been executed by UNDERSIGNED on the date opposite UNDERSIGNED
DATE	J. Scott Buchanan (Inventor)
	J. Scott Buchanan (Inventor)
	Witness

PATENT<sub>CATEMP\2001B097</sub> (Assign).dot

REEL: 012987 FRAME: 0248

DATE OC	-15, 2001 -	Jan Ja	Jose G. Santiesteban (Inventor)	(LS)
	Witness (Print Name):			
DATE	Witness (Print Norma)		Zhaozhong Jiang (Inventor)	(LS)

Case Docket No. 2001B097

### ASSIGNMENT

### **INVENTOR or INVENTORS:**

J. Scott Buchanan	Zhaozhong Jiang
Jose G. Santiesteban	
	0) and other good and valuable consideration, the receipt of and/or promise of paymetrisigned person(s) named above, herein referred to as UNDERSIGNED, hereby agreed
successors, legal representatives and for the United States and all foreign	by assign(s) to ExxonMobil Chemical Patents Inc., a corporation of Delaware, assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest countries, in and to UNDERSIGNED'S invention or improvement and to all patents which is described in a patent application entitled
"Co-Production of Dial	lkyl Carbonates and Diols with Treatment of Hydroxy Alkyl Carbonate"
said application having been executed	d on the  day(s) of September 200  Docket No. 2001B097, U.S.S.N. Not Yet Assigned, filed October 12, 2001; and all righ
and being further identified as Case D of priority created by said application	Docket No. 2001B097, U.S.S.N. Not Yel Assigned, filed October 12, 2001; and all righ under provisions of international conventions or treaties.
relating to obtaining patents and the applications or substitutes therefor or	s) upon the request of ASSIGNEE to execute any and all applications for and document prosecution thereof for said invention or improvement, and any continuations of sucregistrations thereof, and any specific separate assignments of any of the above require ratent and Trademark Office and any foreign patent office that ASSIGNEE may deep
or patent issued thereon, or any reis	s) that in the event of any application based on said assigned invention or improvement usue or application for the reissue thereof, becoming involved in priority of invention cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of the test and giving and producing evidence in support thereof.
States and foreign natents covering	s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain Unite said invention or improvement and to vest all rights therein hereby conveyed to as the same would have been held and enjoyed by UNDERSIGNED if this assignment.
5) UNDERSIGNED hereby on which UNDERSIGNED executed and application number thereof when	authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) d the Declaration for the above-referenced patent application, as well as the filing data known.
IN WITNESS WHEREOF, this assig	gnment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED
DATE	J. Scott Buchanan (Inventor)
	Witness
	W Ithou

C:\TEMP\-4144175.dot

DATE			(LS)
		Jose G. Santiesteban (Inventor)	,
	Witness (Print Name) :		
		_	
DATE	October 12, 2001 3haozhi	ng Jiang	(LS)
		Zhaozhong Jiang (Inventor)	
	Tracy & Heary		
	Witness (Print Name)	V J HUANG	