05-01-2002 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office **RECOL** 102074653 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof, 1. Name of conveying party(ies): Name and address of receiving party(ies): 4-16-02 J. Scott Buchanan **Zhaozhong Jiang** Name: ExxonMobil Chemical Patents Inc. Jose Guadalupe Santiesteban William A. Weber Street Address: 13501 Katy Freeway Additional name(s) of conveying party(ies) attached? ☐ Yes
☐ No City: Houston State: Texas ZIP: 77079 Nature of conveyance: 3. Assignment Assignment Merger Additional name(s) & address(es) attached? \(\subseteq \) Yes \(\subseteq \) No Security Agreement Change of Name Other **Execution Dates:** J. Scott Buchanan: April 3, 2002 Zhaozhong Jiang: March 25, 2002 Jose Guadalupe Santiesteban: March 27, 2002 William A. Weber: April 5, 2002 4. Application number(s) or patent number(s): 10,123717 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Not Yet Assigned Additional numbers attached? \(\subseteq \text{Yes} \) ⊠ No Total number of applications and patents involved: [1] 5. Name and address of party to whom correspondence 6. concerning documents should be mailed: Name: Louis N. Moreno, Reg. 44,953 7. Total fee (37 CFR 1.41): \$160.00 Internal Address: ExxonMobil Chemical Company Law Technology Commissioner is hereby authorized to charge any P.O. Box 2149 Mailing Address: additional fees which may be required by this paper, or credit City: Baytown State: Texas ZIP: 77522-2149 any overpayment to Deposit Account. Deposit account number: 05-1712 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jour M. Morene Signature Louis N. Moreno April 16, 2002 Name of Person Signing Total number of pages including cover sheet, attachments, and document: [9] Mall documents to be recorded with required cover sheet information to: COMMISSIONER OF PATENTS AND TRADEMARKS **BOX ASSIGNMENT**

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ASSIGNMENT

INVENTOR or INVENTORS:

7		Guadalupe Santiesteban
L	Zhaozhong Jiang Will	iam A. Weber
wl as	In consideration of One Dollar (\$1.00) and other good and valuable which is hereby acknowledged, the undersigned person(s) named above as follows:	le consideration, the receipt of and/or promise of payme, herein referred to as UNDERSIGNED, hereby agree
	1) UNDERSIGNED hereby assign(s) to ExxonMobil successors, legal representatives and assigns, herein referred to coll for the United States and all foreign countries, in and to UNDE applications and patents covering same which is described in a pater	lectively as ASSIGNEE, the entire right, title and intere RSIGNED'S invention or improvement and to all pate
	"Process For the Production of Unsymmetric and/o	r Symmetric Dialkyl Carbonates and Diols"
	said application having been executed on the	1. Not 1ct Assigned, med April 10, 2002, and an rights
	2) UNDERSIGNED agree(s) upon the request of ASSIGN relating to obtaining patents and the prosecution thereof for said i applications or substitutes therefor or registrations thereof, and any for recording in the United States Patent and Trademark Office a necessary or expedient.	invention or improvement, and any continuations of su specific separate assignments of any of the above requir
	3) UNDERSIGNED agree(s) that in the event of any appl or patent issued thereon, or any reissue or application for the reisproceedings, UNDERSIGNED will cooperate with ASSIGNEE to the preparing and executing all documents and giving and producing events.	ssue thereof, becoming involved in priority of inventi- the best of the ability of UNDERSIGNED in the matter
	4) UNDERSIGNED agree(s) to perform upon ASSIGNE States and foreign patents covering said invention or improven ASSIGNEE, as fully and as entirely as the same would have been and sale had not been made.	nent and to vest all rights therein hereby conveyed
	5) UNDERSIGNED hereby authorize(s) ASSIGNEE's atto on which UNDERSIGNED executed the Declaration for the above and application number thereof when known.	orney to insert at paragraph 1, in this instrument the dates e-referenced patent application, as well as the filing dates

DATE	4/3/02	() Brott	J. Scott Buchanan (Inventor)	(LS)
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DATE				(1.6)
DATE			Zhaozhong Jiang (Inventor)	(LS)
		Witness		
DATE		Jo	se Guadalupe Santiesteban (Inventor)	(LS)
		Witness		
DATE			William A. Weber (Inventor)	(LS)
			whitam A. weder (inventor)	
	<u></u>	Witness		

ASSIGNMENT

INVENTOR or INVENTORS:

J. Scott Buchanan	Jose Guadalupe Santiesteban
Zhaozhong Jiang	William A. Weber
	other good and valuable consideration, the receipt of and/or promise of payment person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s)
successors, legal representatives and assigns,	n(s) to ExxonMobil Chemical Patents Inc., a corporation of Delaware, its herein referred to collectively as ASSIGNEE, the entire right, title and interest, ries, in and to UNDERSIGNED'S invention or improvement and to all patent its described in a patent application entitled
"Process For the Production of	f Unsymmetric and/or Symmetric Dialkyl Carbonates and Diols"
said application having been executed on the	75 hday(s) of March, 2002, No. 2002B049, U.S.S.N. Not Yet Assigned, filed April 16, 2002; and all rights of
and being further identified as Case Docket N priority created by said application under pro-	No. 2002B049, U.S.S.N. Not Yet Assigned, filed April 16, 2002; and all rights of visions of international conventions or treaties.
relating to obtaining patents and the prosecu applications or substitutes therefor or registra	the request of ASSIGNEE to execute any and all applications for and documents attion thereof for said invention or improvement, and any continuations of such attions thereof, and any specific separate assignments of any of the above required at Trademark Office and any foreign patent office that ASSIGNEE may deem
or patent issued thereon, or any reissue or a proceedings, UNDERSIGNED will cooperate	the event of any application based on said assigned invention or improvement, application for the reissue thereof, becoming involved in priority of invention e with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of iving and producing evidence in support thereof.
4) UNDERSIGNED agree(s) to per States and foreign patents covering said i	rform upon ASSIGNEE'S request any and all affirmative acts to obtain United nvention or improvement and to vest all rights therein hereby conveyed to

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

ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment

on which UNDERSIGNED executed the Declaration for the above-referenced patent application, as well as the filing date

5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s)

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and sale had not been made.

and application number thereof when known.

DATE		(LS
	J. Scott Buchanan (Inventor)	
	Witness	
DATE	March 25, 2002 Zhaozhong Jiang (Inventor)	(LS)
	2/102	
	Herb W. Barry	
DATE	Jose Guadalupe Santiesteban (Inventor)	(LS)
	Witness	
DATE		(LS)
	William A. Weber (Inventor)	
	Witness	

ASSIGNMENT

INVENTOR or INVENTORS:

Jose Guadalupe Santiesteban

William A. Weber

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
"Process For the Production of Unsymmetric and/or Symmetric Dialkyl Carbonates and Diols"
said application having been executed on the day(s) of March, 2002, and being further identified as Case Docket No. 2002B049, U.S.S.N. Not Yet Assigned, filed April 16, 2002; and all rights of
and being further identified as Case Docket No. 2002B049, U.S.S.N. Not Yet Assigned, filed April 16, 2002; 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, as well as the filing date and application number thereof when known.

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

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NAME.

J. Scott Buchanan

Zhaozhong Jiang

	- A			J. Scott Bucl	hanan (Inventor)
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 				Zhaozhong	Jiang (Inventor)
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ASSIGNMENT

INVENTOR or INVENTORS:

Zhaozhong Jiang	William A. Weber	
	and other and and archaele consideration the receipt of and/or promise of m	ar m ant
	and other good and valuable consideration, the receipt of and/or promise of pagned person(s) named above, herein referred to as UNDERSIGNED, hereby ag	
as follows:		-

Jose Guadalupe Santiesteban

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

"Process For the Production of Unsymmetric and/or Symmetric Dialkyl Carbonates and Diols"

said application having been executed on the		1.	0	
() / (day(s) of	Apri		2002,
and being further identified as Case Docket No. 2002B049	9, U.S.S.N	Not Yet Assigne	ed, filed April 16,	2002; and all rights of
priority created by said application under provisions of int	ternational	conventions or tr	eaties.	

- 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, as well as the filing date and application number thereof when known.

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

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J. Scott Buchanan

DATE		(LS)
	J. Scott Buchanan (Inventor)	` ,
	Witness	
DATE		(LS)
	Zhaozhong Jiang (Inventor)	(20)
	Witness	
DATE		(LS)
	Jose Guadalupe Santiesteban (Inventor)	
DATE	Pipul 5, 2002 Milliam D. Milliam A. Weber (Inventor)	(LS)
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