FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

102295556 1022951ENT	ER SHEET
To the Honorable Commissioner of Patents and Trademarks.	
1. Name of conveying party(ies): Jihad Dakka Doron Levin Jose G. Santiesteban John S. Buchanan James C. Vartuli	2. Name and address of receiving party(ies):  Name: ExxonMobil Chemical Patents Inc. Street Address: 13501 Katy Freeway City: Houston State: Texas ZIP: 77079
Additional name(s) of conveying party(ies) attached?  Yes No  No  Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Other  Execution Date:  Jihad Dakka – November 19, 2002  Doron Levin – November 18, 2002  Jose G. Santiesteban – November 18, 2002  John S. Buchanan – November 19, 2002  James C. Vartuli – November 19, 2002	Additional name(s) & address(es) attached?   Yes   No
4. 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: November 18, 2002
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attack  5. Name and address of party to whom correspondence concerning documents should be mailed:	ned? Yes No  6. Total number of applications and patents involved: [1]
Name: <u>Linda A. Kubena</u>	7. Total fee (37 CFR 1.41): \$40.00
Internal Address: ExxonMobil Chemical Company  Law Technology  Mailing Address: P.O. Box 2149  City: Baytown State: Texas ZIP: 77522-2149	Authorized to be charged to deposit account
Chy. <u>Baylown</u> State. <u>10xas</u> 2n . <u>77322 2112</u>	8. Deposit account number: 05-1712
DO NOT USE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inforcopy of the original document.  Linda Kubena, Registration No. 42,772  Name of Person Signing	Cormation is true and correct and any attached copy is a true  November 19, 2002  Signature  Date
Total number of pages including covers	sheet, attachments, and document: $\mathcal{Q}_{oldsymbol{G}}$

**PATENT** 

### INVENTOR or INVENTORS:

Jihad Dakka	Jose G. Santiesteban
James C. Vartuli	Doron Levin
John S. Buchanan	
In consideration of One Dollar (\$1.00) receipt of and/or promise of payment which is named above, herein referred to as UNDERSIGN	and other good and valuable consideration, the hereby acknowledged, the undersigned person(s) ED, hereby agree(s) as follows:
corporation of Delaware, its successors, leading to collectively as ASSIGNEE, the entire right foreign countries, in and to UNDERSIGN	ign(s) to ExxonMobil Chemical Patents Inc., a egal representatives and assigns, herein referred to ht, title and interest, for the United States and all NED'S invention or improvement and to all patent sich is described in a patent application entitled
MULTI-COMPONENT MOLECUL AND THEIR USE IN	AR SIEVE CATALYST COMPOSITIONS AROMATICS REACTIONS
said application having been executed on November 2002.	on the 18th day(s) of
	2002B164; and all rights of priority created by said all conventions or treaties.
applications for and documents relating to said invention or improvement, and any therefor or registrations thereof, and any	n the request of ASSIGNEE to execute any and all obtaining patents and the prosecution thereof for continuations of such applications or substitutes specific separate assignments of any of the above tes Patent and Trademark Office and any foreign necessary or expedient.
assigned invention or improvement, or pat the reissue thereof, becoming invo UNDERSIGNED will cooperate with	at in the event of any application based on said tent issued thereon, or any reissue or application for blved in priority of invention proceedings, . ASSIGNEE to the best of the ability of aring and executing all documents and giving and
affirmative acts to obtain United States improvement and to vest all rights thereigh	perform upon ASSIGNEE'S request any and all sand foreign patents covering said invention or in hereby conveyed to ASSIGNEE, as fully and as held and enjoyed by UNDERSIGNED if this
5) UNDERSIGNED hereby autho 1, in this instrument the date(s) on which above-referenced patent application.	rize(s) ASSIGNEE's attorney to insert at paragraph UNDERSIGNED executed the Declaration for the

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98% **PATENT** P. 02

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

DATE		(LS)
	Jihad Dakka	
	Witness	
DATE		(LS)
	James C. Vartuli	
	Witness	
DATE		(LS)
~	John S. Buchanan	(20)
	Witness	
DATE	Nov. 19, 2002 Jan Santiesteban  Michel Docoge Witness	(LS)
	Jose G. Santiesteban	
	Muche! Docoge	
	Witness	
DATE		(LS)
	Doron Levin	<u> </u>
	Witness	

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#### **INVENTOR or INVENTORS:**

Jihad Dakka	Jose G. Santiesteban	
James C. Vartuli	Doron Levin	
John S. Buchanan		

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

# MULTI-COMPONENT MOLECULAR SIEVE CATALYST COMPOSITIONS AND THEIR USE IN AROMATICS REACTIONS

said application having been executed on the 6th day(s) of November 2002, and being further identified as Case No. 2002B164; 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.

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

				(LS)
			Jihad Dakka	
		Witness		
				(LS)
			James C. Vartuli	
		Witness		
				(LS)
			John S. Buchanan	
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			Jose G. Santiesteban	
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	11/18/02	$\mathcal{A}$	-	(LS)
	11118105	- 25	Doron Levin	(33)
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#### **INVENTOR or INVENTORS:**

Jihad Dakka	Jose G. Santiesteban	
James C. Vartuli	Doron Levin	
John S. Buchanan		

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

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98% PATENT P. 02 REEL: 013518 FRAME: 0722

**REEL: 013518 FRAME: 0723** 

NOV-18-2002 01:02 TENTENTO ZODZ-61-40N

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

	-		Witness	
	Doron Levin			
(LS)				DATE
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	James C. Vartuli			
(F2)		_		DATE
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	Jihad Dakka			
(FZ)				DATE

## **INVENTOR or INVENTORS:**

Jihad Dakka	Jose G. Santiesteban
James C. Vartuli	Doron Levin
John S. Buchanan	
In consideration of One Dollar (\$1.00) and receipt of and/or promise of payment which is her named above, herein referred to as UNDERSIGNED	d other good and valuable consideration, the reby acknowledged, the undersigned person(s), hereby agree(s) as follows:
corporation of Delaware, its successors, legal collectively as ASSIGNEE, the entire right,	s) to ExxonMobil Chemical Patents Inc., a l representatives and assigns, herein referred to title and interest, for the United States and all D'S invention or improvement and to all patent is described in a patent application entitled
AND THEIR USE IN AR	SIEVE CATALYST COMPOSITIONS COMATICS REACTIONS
said application having been executed on the and being further identified as <u>Case No. 2002</u> application under provisions of international	day(s) of November 2002, 2B164; and all rights of priority created by said conventions or treaties.
applications for and documents relating to ol said invention or improvement, and any co therefor or registrations thereof, and any spe	the request of ASSIGNEE to execute any and all braining patents and the prosecution thereof for intinuations of such applications or substitutes ecific separate assignments of any of the above Patent and Trademark Office and any foreign essary or expedient.
assigned invention or improvement, or pater for the reissue thereof, becoming invo	n the event of any application based on said nt issued thereon, or any reissue or application lved in priority of invention proceedings, ASSIGNEE to the best of the ability of g and executing all documents and giving and
affirmative acts to obtain United States and improvement and to yest all rights therein h	rform upon ASSIGNEE'S request any and all nd foreign patents covering said invention or lereby conveyed to ASSIGNEE, as fully and as eld and enjoyed by UNDERSIGNED if this

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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.

PATENT REEL: 013518 FRAME: 0724 IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	11-19-2002		May		(LS)
			- Jan	Jihad Dakka	
		Gord	11/19/2002		
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#### **INVENTOR or INVENTORS:**

Jihad Dakka	Jose G. Santiesteban	
James C. Vartuli	Doron Levin	
John S. Buchanan		

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

# MULTI-COMPONENT MOLECULAR SIEVE CATALYST COMPOSITIONS AND THEIR USE IN AROMATICS REACTIONS

19th day(s) of NOVEMBER 2002, said application having been executed on the and being further identified as Case No. 2002B164; 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.
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- 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.

P.01

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

DATE				(LS)
			Jihad Dakka	
			Witness	
DATE	11/19/2002		James C. Vartuli	(LS)
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DATE				(LS)
			John S. Buchanan	
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DATE				(LS)
			Jose G. Santiesteban	
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