FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE		
Patent and Trademark Office RECORDATION FORM COVER SHEET		
	TS ONLY	
	Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies):	
Nicolas P. Coute Stephen N. Vaughn	2. Traine and address of rootiving party(les).	
Paul N. Chisholm William L. Kuechler, Sr.	Name: ExxonMobil Chemical Patents Inc.	
James R. Lattner		
Keith H. Kuechler	Street Address: 13501 Katy Freeway	
Additional name(s) of conveying party(ies) attached?	G** ** G** G** G** G** G** G** G** G**	
Yes No	City: <u>Houston</u> State: <u>Texas</u> ZIP: <u>77079</u>	
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Additional name(s) & address(es) attached? Yes No	
Execution Date: September 24, 2001, September 24, 2001, September 25, 2001, September 26, 2001, October 1, 2001, and October 2, 2001		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, th	e execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
A. Fatent Application No.(s)	B. Patent No.(s)	
09/887,860		
Additional numbers attac	hed? 🔲 Yes 🔯 No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: [1]	
concerning documents should be mailed:		
Name: Paul T. LaVoie	7. Total fee (37 CFR 1.41): \$240.00	
Internal Address: <u>ExxonMobil Chemical Company</u> <u>Law Techn</u> ology	Authorized to be charged to deposit account	
Mailing Address: P.O. Box 2149	Authorized to be charged to deposit account	
City: Baytown State: Texas ZIP: 77522-2149		
	8. Deposit account number: 05-1712	
DO NOT USE	THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing info copy of the original document. To the best of my knowledge and belief, the foregoing info copy of the original document.	formation is true and correct and any attached copy is a true	
Poul T InVoic Box No 26 061		
Paul T. LaVoie, Reg. No. 36,861 Name of Person Signing	Signature October 10, 2001 Date	
Name of Ferson Signing	Signature Date	
Total number of pages including cover	sheet, attachments, and document: [7]	
Mail documents to be recorded with required cover sheet information	tion to:	
COMMISSIONER OF PATENTS AND TRADEMARKS BOX ASSIGNMENT		
	GNMENT ON DC 20231	

REEL: 012047 FRAME: 0161

INVENTOR or INVENTORS:

Nicolas P. Coute'	Keith H. Kuechler
Paul N. Chisholm	Stephen N. Vaughn
James R. Lattner	William L. Kuechler, Sr.
• • • • • • • • • • • • • • • • • • • •	

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

said application having been executed on the 24th, 25th 2 th day(s) of and being further identified as Case No. 2001B042/Z, U.S.S.N. 09/887,860, filed June 22, 2001; 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

NAME.

P.03

INVENTOR or INVENTORS:

	licolas P. Coute'	Keith H. Kuechler
	aul N. Chisholm	Stephen N. Vaughn
<u></u>	ames R. Lattner	William L. Kuechler, Sr.
which i	s hereby acknowledged, the undersigned person(s) named	ad valuable consideration, the receipt of and/or promise of payment above, herein referred to as UNDERSIGNED, hereby agree(s) as
	successors, legal representatives and assigns, herein refer	onMobil Chemical Patents Inc., a corporation of Delaware, its red to collectively as ASSIGNEE, the entire right, title and interest to UNDERSIGNED'S invention or improvement and to all patent in a patent application entitled
	PROCESS FOR M	AKING OLEFINS, October
	said application having been executed on the 24th, 2	Seh, alth day(s) of September 2001, J.S.S.N. 09/887,860, filed June 22, 2001; and all rights of priority
	relating to obtaining patents and the prosecution thereof applications or substitutes therefor or registrations thereof	ASSIGNEE to execute any and all applications for and documents for said invention or improvement, and any continuations of such and any specific separate assignments of any of the above required Office and any forcign patent office that ASSIGNEE may deem
	or patent issued thereon, or any reissue or application for	any application based on said assigned invention or improvement or the reissue thereof, becoming involved in priority of invention INEE to the best of the ability of UNDERSIGNED in the matter of ducing evidence in support thereof.
	States and foreign patents 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 ave been held and enjoyed by UNDERSIGNED if this assignment
	5) UNDERSIGNED hereby authorize(s) ASSIGN on which UNDERSIGNED executed the Declaration for and application number thereof when known.	NEE's attorney to insert at paragraph 1, in this instrument the date(s) the above-referenced patent application, as well as the filing date
NAME.	IN WITNESS WHEREOF, this assignment has been exec	uted by UNDERSIGNED on the date opposite UNDERSIGNED'S
	SEPTEMBER 24, 2001 W	Many Lucallor Sr. (LS)
	Charlotte Ki	ceclifer.

PATENT REEL: 01204745-RAME 4 01634 No.

Nicolas P. Coute'	Keith H. Kuechler	
Paul N. Chisholm	Stephen N. Vaughn	
James R. Lattner	William L. Kuechler	r, Sr.
In consideration of One Dollar (\$1.00) and of h is hereby acknowledged, the undersigned perso ws:	her good and valuable consideration on(s) named above, herein referred to	, the receipt of and/or promise of payr o as UNDERSIGNED, hereby agree(s
 UNDERSIGNED hereby assignt successors, legal representatives and assigns, legal representatives and assigns, leading the United States and all foreign countries applications and patents covering same which 	herein referred to collectively as ASS es, in and to UNDERSIGNED'S in	vention or improvement and to all pa
PROCE	SS FOR MAKING OLEFINS,	October
said application having been executed on the and being further identified as Case No. 200 created by said application under provisions of)1B042/2, U.S.S.N. 09/887,860, file	d June 22, 2001; and all rights of price
2) UNDERSIGNED agree(s) upon the relating to obtaining patents and the prosecut applications or substitutes therefor or registration for recording in the United States Patent and necessary or expedient.	ion thereof for said invention or implions thereof, and any specific separations	e assignments of any of the above requ
3) UNDERSIGNED agree(s) that in or patent issued thereon, or any reissue or approceedings, UNDERSIGNED will cooperate preparing and executing all documents and given	pplication for the reissue thereof, be with ASSIGNEE to the best of the a	bility of UNDERSIGNED in the matt
4) UNDERSIGNED agree(s) to perform States and foreign patents covering said invaSSIGNEE, as fully and as entirely as the said and sale had not been made.	vention or improvement and to ver	v and all affirmative acts to obtain Un st all rights therein hereby conveye ed by UNDERSIGNED if this assignment
5) UNDERSIGNED hereby authorize on which UNDERSIGNED executed the Dec and application number thereof when known.	e(s) ASSIGNEE's attorney to insert at largition for the above-referenced particle.	paragraph I, in this instrument the datent application, as well as the filing
IN WITNESS WHEREOF, this assignment ha	s been executed by UNDERSIGNEI	O on the date opposite UNDERSIGNE
E <u>25 Soplember</u> 2001	Paul 7. Chishol	(LS)
	/	Inventor

<u>ASSIGN</u>MENT

INVENTOR or INVENTORS:

Nicolas P	. Coute'		Keith H. Kuechler	
Paul N. C	hisholm	'	Stephen N. Vaughn	
James R.	Lattner	-	William L. Kuechler, Sr.	
In cons which is hereby follows:	rideration of One Dollar (\$1.00) acknowledged, the undersigned	and other good and ville person(s) named ab	valuable consideration, the r nove, herein referred to as U	eceipt of and/or promise of payment INDERSIGNED, hereby agrec(s) as
for the	sors, legal representatives and ass	signs, herein referred countries, in and to t	to collectively as ASSIGNI JNDERSIGNED'S inventio	c., a corporation of Delaware, its BE, the entire right, title and interest, n or improvement and to all patent
	Р	ROCESS FOR MAK	ING OLEFINS,	October
and ber	plication having been executed or	n the <u>D4th</u> 1251 o. 2001B042/2, U.S.	A - AletA day(s) S.N. 09/887,860, filed June	of Soptember 2001, e 22, 2001; and all rights of priority
applica for reco	; to obtaining patents and the protions or substitutes therefor or reg	osecution thereof for gistrations thereof, an	said invention or improver id any specific separate assig	d all applications for and documents nent, and any continuations of such anments of any of the above required t office that ASSIGNEE may deem
proceed	nt issued thereon, or any reissue	e or application for t perate with ASSIGNI	the reissue thereof, becomin EE to the best of the ability of	assigned invention or improvement, ng involved in priority of invention of UNDERSIGNED in the matter of eof.
ASSIG.	and foreign patents covering sa	aid invention or imp	provement and to vest all	all affirmative acts to obtain United rights therein hereby conveyed to UNDERSIGNED if this assignment
on whic and app	5) UNDERSIGNED hereby aut th UNDERSIGNED executed the lication number thereof when known	ie Declaration for the	S's attorney to insert at parag above-referenced patent ap	raph 1, in this instrument the date(s) oplication, as well as the filing date
IN WIT NAME.	NESS WHEREOF, this assignm	ent has been execute	d by UNDERSIGNED on th	ne date opposite UNDERSIGNED'S
DATE	9/26/01		A H. Kucch	la (LS)
		not the	·•	Inventor
		Max >	·	<u> </u>
	0.	Witnes		
		(YUN)	Feng Chang)	

PATENT
REEL: 012047

INVENTOR or INVENTORS:

Nicolas P. Coute'	Keith H. Kucchler
Paul N. Chisholm	Stephen N. Vaughn
James R. Lattner	William L. Kuechler, Sr.
In consideration of One Dollar (\$1.00) and other goich is hereby acknowledged, the undersigned person(s) allows:	ood and valuable consideration, the receipt of and/or promise of payme named above, herein referred to as UNDERSIGNED, hereby agree(s)
successors, legal representatives and assigns, hereir	ExxonMobil Chemical Patents Inc., a corporation of Delaware, in referred to collectively as ASSIGNEE, the entire right, title and interest and to UNDERSIGNED'S invention or improvement and to all pates scribed in a patent application entitled
PROCESS F	OR MAKING OLEFINS,
said application having been executed on the	day(s) of
relating to obtaining patents and the prosecution the applications or substitutes therefor or registrations the	uest of ASSIGNEE to execute any and all applications for and document hereof for said invention or improvement, and any continuations of such hereof, and any specific separate assignments of any of the above require lemark Office and any foreign patent office that ASSIGNEE may dec
or patent issued thereon, or any reissue or applica	vent of any application based on said assigned invention or improvemention for the reissue thereof, becoming involved in priority of invention ASSIGNEE to the best of the ability of UNDERSIGNED in the matter and producing evidence in support thereof.
States and foreign patents covering said invention	upon ASSIGNEE'S request any and all affirmative acts to obtain United on or improvement and to vest all rights therein hereby conveyed ould have been held and enjoyed by UNDERSIGNED if this assignment.
5) UNDERSIGNED hereby authorize(s) A on which UNDERSIGNED executed the Declaration and application number thereof when known.	SSIGNEE's attorney to insert at paragraph 1, in this instrument the date(on for the above-referenced patent application, as well as the filing da
IN WITNESS WHEREOF, this assignment has been ME.	n executed by UNDERSIGNED on the date opposite UNDERSIGNED
	- 21 .
TE (0)10)	Jam Klatter (LS)

INVENTOR AS INVENTORS

Nicolas P. Coute'	Keith H. Kuechler
Paul N. Chisholm	Stephen N. Vaughn
James R. Lattner	William L. Kuechler. Sr.
In consideration of One Dollar (\$1.00) and other good hich is hereby acknowledged, the undersigned person(s) name llows:	and valuable consideration, the receipt of and/or promise of paymed above, herein referred to as UNDERSIGNED, hereby agree(s)
successors, legal representatives and assigns, herein refe	exonMobil Chemical Patents Inc., a corporation of Delaware, erred to collectively as ASSIGNEE, the entire right, title and interest to UNDERSIGNED'S invention or improvement and to all patent and patent application entitled
PROCESS FOR I	MAKING OLEFINS,
said application having been executed on the Auth	U.S.S.N. 09/887,860, filed June 22, 2001; and all rights of prior
applications or substitutes therefor or registrations thereo	of ASSIGNEE to execute any and all applications for and document of for said invention or improvement, and any continuations of subst, and any specific separate assignments of any of the above required the control of the above required the control of the angle of the control of the above required the control of the angle of the control of the contro
or patent issued thereon, or any reissue or application	of any application based on said assigned invention or improveme for the reissue thereof, becoming involved in priority of inventi IGNEE to the best of the ability of UNDERSIGNED in the matter roducing evidence in support thereof.
States and foreign patents covering said invention of	ASSIGNEE'S request any and all affirmative acts to obtain Unit r improvement and to vest all rights therein hereby conveyed have been held and enjoyed by UNDERSIGNED if this assignment
5) UNDERSIGNED hereby authorize(s) ASSIC on which UNDERSIGNED executed the Declaration for and application number thereof when known.	SNEE's attorney to insert at paragraph 1, in this instrument the date or the above-referenced patent application, as well as the filing date.
IN WITNESS WHEREOF, this assignment has been exemPs.	ecuted by UNDERSIGNED on the date opposite UNDERSIGNED
TE <u> 0 02 0 </u>	Nicolas Conté Albula (LS)
///	- Inventor

1

PATENT
Assignment-Case and Serial No
REEL: 012047 FRAME: 0167 PR