	0000	Docket	No.: 2002B143-2
FORM PTC -1595 (Modified) (Rev. 03-01)	01-15-2003	R SHEET	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp.5/31/2002) P08/REV03		ii Ly	Patent and Trademark Office
Tab settings → → ▼	102337623	— .	v •
	of Patents and Trademarks: I	Please record the attached	original documents or copy thereof.
1. Name of conveying party(ies): Keith Kuechler James Lattner Nicolas Coute Jeffrey Smith Justin Krieger	1-8-03	2. Name and address of re Name: ExxonMobil Ch Internal Address:	emical Patents Inc.
Additional names(s) of conveying party(ies)	∐ Yes 🗷 No		S M
3. Nature of conveyance:			
☑ Assignment ☐ Security Agreement	☐ Merger☐ Change of Name	Street Address: 13501	Katy Freeway
☐ Other		City: Houston	State: TX ZIP: 77079
Execution Date: 12/13, 12/06, 12/09	ł	•	s(es) attached? ☐ Yes 🗷 No
If this document is being filed tog A. Patent Application No.(s)		B. Patent No.(s)	January 00, 2005
	Additional numbers attach	ned? 🗌 Yes 🗵 No	
Name and address of party to wh concerning document should be		6. Total number of applica	tions and patents involved: 1
Name: ExxonMobil (Chemical Company	7. Total fee (37 CFR 3.41)):\$ 40.00
Internal Address: Paul T. LaVoid Law Technological		credited or debited	ess or insufficiency should be to deposit account arged to deposit account
D Ω Dow 2140		8. Deposit account number	er:
Street Address: P O Box 2149 01/15/2003 6T0H11 00000041 051712	10338601	·	
01 FC:8021 40.00 CH	State: TX ZIP: 77522	05-1712 (Attach duplicate copy of th	is page if paying by deposit account)
		ISE THIS SPACE	
9. Statement and signature. To the best of my knowledge and of the original document. Paul T. LaVoic (Reg. No.:38,681)		nation is true and correct an	d any attached copy is a true copy January 08, 2003
Name of Person Signing		Signature	Date
,	, ther of nages including cover sh	eet attachments and docume	ent:

INVENTOR or INVENTORS:

KIETH KUECHLER	JAMES LATTNER
NICOLAS COUTE	JEFFREY SMITH
JUSTIN KRIEGER	
	ood and valuable consideration, the receipt of and/or promise of payment named above, herein referred to as UNDERSIGNED, hereby agree(s) as
successors, legal representatives and assigns, herein	ExxonMobil Chemical Patents Inc., a corporation of Delaware, its referred to collectively as ASSIGNEE, the entire right, title and interest, and to UNDERSIGNED'S invention or improvement and to all patent cribed in a patent application entitled
MULTIPLE RISER REACTOR W	TH CENTRALIZED CATALYST RETURN, 197 /3 1 4 /6 O December
said application having been executed on the and being further identified as Case No. 2002B143-2 international conventions or treaties.	day(s) of Sanciary 2002, 4 2002; and all rights of priority created by said application under provisions of
relating to obtaining patents and the prosecution th applications or substitutes therefor or registrations the	nest of ASSIGNEE to execute any and all applications for and documents ereof for said invention or improvement, and any continuations of such nereof, and any specific separate assignments of any of the above required emark Office and any foreign patent office that ASSIGNEE may deem
or patent issued thereon, or any reissue or applica	rent of any application based on said assigned invention or improvement, tion for the reissue thereof, becoming involved in priority of invention ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of and producing evidence in support thereof.
States and foreign patents covering said invention	apon ASSIGNEE'S request any and all affirmative acts to obtain United on or improvement and to vest all rights therein hereby conveyed to ould have been held and enjoyed by UNDERSIGNED if this assignment
5) UNDERSIGNED hereby authorize(s) A on which UNDERSIGNED executed the Declaration	SSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) n for the above-referenced patent application.
IN WITNESS WHEREOF, this assignment has bee NAME.	n executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE 12/13/02	Lett H. Keeseller (LS)
	Witness

INVENTOR or INVENTORS:

KIETH KUECHLER	JAMES LATTNER
NICOLAS COUTE	JEFFREY SMITH
JUSTIN KRIEGER	
	od and valuable consideration, the receipt of and/or promise of payment amed above, herein referred to as UNDERSIGNED, hereby agree(s) as
successors, legal representatives and assigns, herein i	ExxonMobil Chemical Patents Inc., a corporation of Delaware, its referred to collectively as ASSIGNEE, the entire right, title and interest, and to UNDERSIGNED'S invention or improvement and to all patent cribed in a patent application entitled
MULTIPLE RISER REACTOR WI	TH CENTRALIZED CATALYST RETURN, 1.13. + 16. + 10.
(c) G	1/3, J 16 The down of Developed 2002 in
and being further identified as Case No. 2002B143-2: international conventions or treaties.	day(s) of <u>January</u> 2002, 2003; and all rights of priority created by said application under provisions of
relating to obtaining patents and the prosecution the applications or substitutes therefor or registrations the	est of ASSIGNEE to execute any and all applications for and documents ereof for said invention or improvement, and any continuations of such ereof, and any specific separate assignments of any of the above required emark Office and any foreign patent office that ASSIGNEE may deem
or patent issued thereon, or any reissue or applicati	ent of any application based on said assigned invention or improvement, ion for the reissue thereof, becoming involved in priority of invention ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of d producing evidence in support thereof.
States and foreign patents covering said invention	pon ASSIGNEE'S request any and all affirmative acts to obtain United n or improvement and to vest all rights therein hereby conveyed to ould have been held and enjoyed by UNDERSIGNED if this assignment
5) UNDERSIGNED hereby authorize(s) AS on which UNDERSIGNED executed the Declaration	SSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) of for the above-referenced patent application.
IN WITNESS WHEREOF, this assignment has been NAME.	n executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE 12/6/02	Jan R. lalla (LS)
ADU	Witness
//	

7003

ASSIGNMENT

INVENTOR or INVENTORS:

KIETH KUECHLER	JAMES LATTNER
NICOLAS COUTE	JEFFREY SMITH
JUSTIN KRIEGER	
	good and valuable consideration, the receipt of and/or promise of payment) named above, herein referred to as UNDERSIGNED, hereby agree(s) as
successors, legal representatives and assigns, here	to ExxonMobil Chemical Patents Inc., a corporation of Delaware, its in referred to collectively as ASSIGNEE, the entire right, title and interest, in and to UNDERSIGNED'S invention or improvement and to all patent escribed in a patent application entitled
	WITH CENTRALIZED CATALYST RETURN,
said application having been executed on the and being further identified as Case No. 2002B143 international conventions or treaties.	day(s) of <u>January</u> 2002,4 3-2; and all rights of priority created by said application under provisions of
relating to obtaining patents and the prosecution applications or substitutes therefor or registrations	equest of ASSIGNEE to execute any and all applications for and documents thereof for said invention or improvement, and any continuations of such thereof, and any specific separate assignments of any of the above required ademark Office and any foreign patent office that ASSIGNEE may deem
or patent issued thereon, or any reissue or application	event of any application based on said assigned invention or improvement, cation for the reissue thereof, becoming involved in priority of invention h ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of and producing evidence in support thereof.
States and foreign patents covering said invent	upon ASSIGNEE'S request any and all affirmative acts to obtain United tion or improvement and to vest all rights therein hereby conveyed to would have been held and enjoyed by UNDERSIGNED if this assignment
5) UNDERSIGNED hereby authorize(s) on which UNDERSIGNED executed the Declaration	ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) ion for the above-referenced patent application.
IN WITNESS WHEREOF, this assignment has be NAME.	een executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE 12/09/02	Inventor (LS)
Markay	Witness

INVENTOR or INVENTORS:

KIETH KUECHLER	JAMES LATTNER	_
NICOLAS COUTE	JEFFREY SMITH	_
JUSTIN KRIEGER		_
In consideration of One Dollar (\$1.00) and other goo which is hereby acknowledged, the undersigned person(s) nat follows:	d and valuable consideration, the receipt of and/or promise med above, herein referred to as UNDERSIGNED, hereby	
successors, legal representatives and assigns, herein re	ExxonMobil Chemical Patents Inc., a corporation of D referred to collectively as ASSIGNEE, the entire right, title and to UNDERSIGNED'S invention or improvement and ribed in a patent application entitled	and interest,
MULTIPLE RISER REACTOR WIT	TH CENTRALIZED CATALYST RETURN, 199, 13 + 16 The Access Le	r je
said application having been executed on the	and all rights of priority created by said application under p	2002, FEET provisions of
relating to obtaining patents and the prosecution the applications or substitutes therefor or registrations the	est of ASSIGNEE to execute any and all applications for and reof for said invention or improvement, and any continuatereof, and any specific separate assignments of any of the abmark Office and any foreign patent office that ASSIGNEE	ions of such ove required
or patent issued thereon, or any reissue or application	nt of any application based on said assigned invention or in on for the reissue thereof, becoming involved in priority SSIGNEE to the best of the ability of UNDERSIGNED in the producing evidence in support thereof.	of invention
States and foreign patents covering said invention	on ASSIGNEE'S request any and all affirmative acts to o or improvement and to vest all rights therein hereby a all have been held and enjoyed by UNDERSIGNED if this	conveyed to
5) UNDERSIGNED hereby authorize(s) ASS on which UNDERSIGNED executed the Declaration	SIGNEE's attorney to insert at paragraph 1, in this instrumer for the above-referenced patent application.	nt the date(s)
IN WITNESS WHEREOF, this assignment has been NAME.	executed by UNDERSIGNED on the date opposite UNDE	RSIGNED'S
DATE 2 Jan 03	Inventor (I	LS)
- Yaul of Chie	Witness	

1

2002b143-2-2002DECEMBER6-Assignment-Case No Only

INVENTOR or INVENTORS:

KIETH KUECHLER	JAMES LATTNER		
NICOLAS COUTE	JEFFREY SMITH		
JUSTIN KRIEGER			
In consideration of One Dollar (\$1.00) and other good which is hereby acknowledged, the undersigned person(s) nar follows:			
1) UNDERSIGNED hereby assign(s) to I successors, legal representatives and assigns, herein refor the United States and all foreign countries, in a applications and patents covering same which is described.	eferred to collectively as A nd to UNDERSIGNED'S i	SSIGNEE, the entire right, title are invention or improvement and to	nd interest,
MULTIPLE RISER REACTOR WIT	9,13 +16	perember.	
said application having been executed on the and being further identified as Case No. 2002B143-2; international conventions or treaties.	and all rights of priority cre	day(s) of <u>Jewanny</u> eated by said application under pro	2002,4 $\mathcal{C}\mathcal{O}$ ovisions of
2) UNDERSIGNED agree(s) upon the reque relating to obtaining patents and the prosecution ther applications or substitutes therefor or registrations the for recording in the United States Patent and Trader necessary or expedient.	reof for said invention or i reof, and any specific separ	mprovement, and any continuation ate assignments of any of the above	ns of such ve required
3) UNDERSIGNED agree(s) that in the ever or patent issued thereon, or any reissue or application proceedings, UNDERSIGNED will cooperate with All preparing and executing all documents and giving and	on for the reissue thereof, SSIGNEE to the best of the	becoming involved in priority of ability of UNDERSIGNED in the	finvention
4) UNDERSIGNED agree(s) to perform up States and foreign patents covering said invention ASSIGNEE, as fully and as entirely as the same wou and sale had not been made.	or improvement and to	vest all rights therein hereby co	onveyed to
5) UNDERSIGNED hereby authorize(s) ASS on which UNDERSIGNED executed the Declaration is			the date(s)
IN WITNESS WHEREOF, this assignment has been NAME.	executed by UNDERSIGN	ED on the date opposite UNDER	SIGNED'S
DATE 12/16/02 Romana Tymn	On Boden Witpels	Inventor (LS)

Į

Document l

PATENT REEL: 013650 FRAME: 0251