08/12/2002 GTOH11 00000092 051712 10210217 01 FC:581 40.00 CH

2002B103-2002August1-Assignment Recordation Cover.dot

REEL: 013172 FRAME: 0359

#### INVENTOR or INVENTORS:

Jeffrey S. Smith	Keith II. Kuechler
Nicolas P. Coute	Rathna P. Davuluri
David C. Skouby	
In consideration of One Dollar (\$1,00) and of which is hereby acknowledged, the undersigned perso follows:	her good and valuable consideration, the receipt of and/or promise of payment on(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as
successors, legal representatives and assigns,	(s) to ExxonMobil Chemical Patents Inc., a corporation of Delaware, its herein referred to collectively as ASSIGNEE, the entire right, title and interest, es, in and to UNDERSIGNED'S invention or improvement and to all patent is described in a patent application entitled
	ARBON CONVERSION REACTION SYSTEM,
said application having been executed on the and being further identified as Case No. 2002 international conventions or treaties.	29 <sup>rd</sup> , 30 <sup>rd</sup> , 31 <sup>rd</sup> day(s) of July 2002, B103; and all rights of priority created by said application under provisions of
relating to obtaining patents and the prosecut applications or substitutes therefor or registrat.	tic request of ASSIGNEE to execute any and all applications for and documents from thereof for said invention or improvement, and any continuations of such ions thereof, and any specific separate assignments of any of the above required. 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, pplication for the reissue thereof, becoming involved in priority of invention with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of ring and producing evidence in support thereof.
States and foreign patents covering said in	form upon ASSIGNEE'S request any and all affirmative acts to obtain United vention or improvement and to vest all rights therein hereby conveyed to me would have been held and enjoyed by UNDERSIGNED if this assignment
	e(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) aration for the above-referenced patent application.
IN WITNESS WHEREOF, this assignment has NAME.	as been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE	(LS)
	Inventor
	N. Carrier and Car
	Witness
DATE	(LS)
	Inventor
	l 2002B103-2002July29-Assignment-Case No Only dot

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PATENT P. 0.2 95%

**REEL: 013172 FRAME: 0360** 

Witness

DATE

Witness

1.1

### **INVENTOR or INVENTORS:**

Jeffrey S. Smith	Keith H. Kuechler	
Nicolas P. Coute	Rathna P. Davuluri	
David C. Skouby		
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:		
successors, legal representatives and assigns, herein re	ExxonMobil Chemical Patents Inc., a corporation of Delaware, its eferred to collectively as ASSIGNEE, the entire right, title and interest, and to UNDERSIGNED'S invention or improvement and to all patent ibed in a patent application entitled	
TWO STAGE HYDROCARBON	CONVERSION REACTION SYSTEM,	
said application having been executed on the 29° and being further identified as Case No. 2002B103; a international conventions or treaties.	day(s) of July 2002, and all rights of priority created by said application under provisions of	
relating to obtaining patents and the prosecution ther applications or substitutes therefor or registrations the	st of ASSIGNEE to execute any and all applications for and documents reof for said invention or improvement, and any continuations of such reof, and any specific separate assignments of any of the above required mark Office and any foreign patent office that ASSIGNEE may deem	
or patent issued thereon, or any reissue or application	nt of any application based on said assigned invention or improvement, on for the reissue thereof, becoming involved in priority of invention SSIGNEE to the best of the ability of UNDERSIGNED in the matter of I producing evidence in support thereof.	
States and foreign patents covering said invention	on ASSIGNEE'S request any and all affirmative acts to obtain United or improvement and to vest all rights therein hereby conveyed to ald have been held and enjoyed by UNDERSIGNED if this assignment	
5) UNDERSIGNED hereby authorize(s) ASS on which UNDERSIGNED executed the Declaration	SIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) for the above-referenced patent application.	
IN WITNESS WHEREOF, this assignment has been NAME.	executed by UNDERSIGNED on the date opposite UNDERSIGNED'S	
DATE 7/30/02	Nicolas Conta (LS) Inventor	
2 th	)Witness	
DATE	(LS)	
	Inventor	

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PATENT
REEL: 013172 FRAME: 0362

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### **INVENTOR or INVENTORS:**

Jeffrey S. Smith	Keith H. Kuechler	
Nicolas P. Coute	Rathna P. Davuluri	
David C. Skouby		
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:		
successors, legal representatives and assigns, herein re	ExxonMobil Chemical Patents Inc., a corporation of Delaware, its eferred to collectively as ASSIGNEE, the entire right, title and interest, and to UNDERSIGNED'S invention or improvement and to all patent ibed in a patent application entitled	
	CONVERSION REACTION SYSTEM,	
said application having been executed on the 21 <sup>11</sup> , and being further identified as Case No. 2002B103; a international conventions or treaties.	30 <sup>th</sup> 31 <sup>st</sup> day(s) of July 2002, and all rights of priority created by said application under provisions of	
relating to obtaining patents and the prosecution ther applications or substitutes therefor or registrations the	st of ASSIGNEE to execute any and all applications for and documents reof for said invention or improvement, and any continuations of such reof, and any specific separate assignments of any of the above required nark Office and any foreign patent office that ASSIGNEE may deem	
or patent issued thereon, or any reissue or application	nt of any application based on said assigned invention or improvement, on for the reissue thereof, becoming involved in priority of invention SSIGNEE to the best of the ability of UNDERSIGNED in the matter of producing evidence in support thereof.	
States and foreign patents covering said invention	on ASSIGNEE'S request any and all affirmative acts to obtain United or improvement and to vest all rights therein hereby conveyed to ald have been held and enjoyed by UNDERSIGNED if this assignment	
5) UNDERSIGNED hereby authorize(s) ASS on which UNDERSIGNED executed the Declaration	SIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) for the above-referenced patent application.	
IN WITNESS WHEREOF, this assignment has been NAME.	executed by UNDERSIGNED on the date opposite UNDERSIGNED'S	
DATE 7/29/02 Plany	Witness (LS)	
DATE	Inventor (LS)	
	1 2002B1 <u>03</u> -2 <u>002July29</u> -Assignment-Case No Only	

2002B103-2002July29-Assignment-Case No Only

### INVENTOR or INVENTORS:

Jeffrey S. Smith	Keith H. Kuechler	
Nicolas P. Coutc	Rathna P. Davuluri	
David C. Skouby		
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:		
successors, legal representatives and assigns, herein to	exxonMobil Chemical Patents Inc., a corporation of Delaware, its sterved to collectively as ASSIGNEE, the entire right, title and interest, and to UNDERSIGNED'S invention or improvement and to all patent hed in a patent application entitled	
TWO STAGE HYDROCARBON	CONVERSION REACTION SYSTEM.	
said application having been executed on the	nd all rights of priority created by said application under provisions of	
relating to obtaining patents and the prosecution there applications or substitutes therefor or registrations there	et of ASSIGNEE to execute any and all applications for and documents to for said invention or improvement, and any continuations of such eof, and any specific separate assignments of any of the above required tark Office and any foreign patent office that ASSIGNEE may deem	
or patent issued thereon, or any reissue or applicatio	t of any application based on said assigned invention or improvement, in for the reissue thereof, becoming involved in priority of invention SIGNEE to the best of the ability of UNDERSIGNED in the matter of producing evidence in support thereof.	
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5) UNDERSIGNED hereby authorize(s) ASS on which UNDERSIGNED executed the Declaration for	IGNEE's attorney to insert at paragraph 1, in this instrument the date(s) or the above-referenced patent application.	
IN WITNESS WHEREOF, this assignment has been on NAME.	executed by UNDERSIGNED on the date opposite UNDERSIGNED'S	
DATE 7/31/02	S. S. fetter (LS)	
2 Max	Witness	
DATE	(LS)	
	Inventor	
-	1 2002B103-2002July29-Assignment-Case No Only dot	

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

Jeffrey S. Smith	Keith H. Kuechler
Nicolas P. Coute	Rathna P. Davuluri
David C. Skouby	
	od and valuable consideration, the receipt of and/or promise of payment med above, herein referred to as UNDERSIGNED, hereby agree(s) as
successors, legal representatives and assigns, herein r	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 ribed in a patent application entitled
TWO STAGE HYDROCARBON	N CONVERSION REACTION SYSTEM,
said application having been executed on the 29 and being further identified as Case No. 2002B103; a international conventions or treaties.	day(s) of 5 / 2002, 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 reof for said invention or improvement, and any continuations of such creof, and any specific separate assignments of any of the above required mark Office and any foreign patent office that ASSIGNEE may deem
or patent issued thereon, or any reissue or application	nt of any application based on said assigned invention or improvement, on for the reissue thereof, becoming involved in priority of invention SSIGNEE to the best of the ability of UNDERSIGNED in the matter of I producing evidence in support thereof.
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IN WITNESS WHEREOF, this assignment has been NAME.	executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE 7-30-02-	(LS) Inventor Witness
DATE	Inventor (LS)

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**RECORDED: 08/01/2002** 

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