U.S. PTO 11/891515

Docket No.: 2006EM107/2 U.S. DEPARTMENT OF COMMERCE ET FORM PTO-1595 (Modified) 08-22-2007 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) POSA/REVO4 Tab settings -103438672 ne attached original documents or copy thereof. To the Director of the United States P 2. Name and address of receiving party(ies): Name of conveying party(ies): David B. Spicer (August 6, 2007) Name: ExxonMobil Chemical Patents Inc. Wallace L. Ottersbach (August 1, 2007) 6.9.07 13501 Katy Freeway Address: ☐ Yes 🖾 No Additional names(s) of conveying party(ies) Nature of conveyance: Assignment Merger Change of Name ☐ Security Agreement City: Houston State/Prov.: □ Other 77079 US Country: Execution Date: August 1 & 6, 2007 Additional name(s) & address(es) ☐ Yes ₩ No Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: August 10, 2007 B. Patent No.(s) Patent Application No. Filing date AWAITED August 10, 2007 08/21/2007 DBYRNE 00000193 051712 11891515 01 FC:8021 40.00 DA ☐ Yes 🛛 No Additional numbers 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Rick F. James 7. Total fee (37 CFR 3.41):.....\$ 40.00 ☐ Enclosed - Any excess or insufficiency should be Registration No. 48,772 credited or debited to deposit account Address: ExxonMobil Chemical Company Authorized to be charged to deposit account P O Box 2149 8. Deposit account number: 05-1712 City: Baytown State/Prov.: Texas ZIP: 77522-2149 (Attach duplicate copy of this page if paying by deposit account) Country: US

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.

Rick F. James

Name of Person Signing

Signature

August 10, 2007

Date

Total number of pages including cover sheet, attachments, and document:

Attorney Initials:

WALLACE L. OTTERSBACH

ASSIGNMENT

INVENTOR or INVENTORS:

DAVID B. SPICER

pro	mise of p	tion of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or payment which is hereby acknowledged, the undersigned person(s) named above, herein s 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
		QUENCH EXCHANGER WITH EXTENDED SURFACE ON PROCESS SIDE
	said a and b applie	application having been executed on the
	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.

Attorney Initials:

oj	pposite UNDERSI			lias been execute	d by ONDERSIC	inter on the date
DATE	August 6	2007		David	Conci	
		Dane	ha how	·ie	- /,	DAVID B. SPICER
	- -		Wit	tness		
DATE -						
					WALLAC	E L. OTTERSBACH
	_		Wit	ness		

Attorney Initials: ______

WALLACE L. OTTERSBACH

ASSIGNMENT

INVENTOR or INVENTORS:

DAVID B. SPICER

d other good and valuable consideration, the receipt of and/or

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:

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

QUENCH EXCHANGER WITH EXTENDED SURFACE ON PROCESS SIDE

said application having been executed on the <u>bth</u> day(s) of <u>August</u> 2007, and being further identified as Case No. 2006EM107/2; 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.

Attorney Initials:

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

DATE		
		DAVID B. SPICER
÷		
	Witness	
DATE	August 1 2007 MOHustan	
_	Sale C Otherwhich	LLACE L OTTERSBACH
	Witness	

RECORDED: 08/09/2007