PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
	Name Execution Date				
Sivadinarayana Chinta			04/20/2012		
Joseph L. Thorman					
RECEIVING PARTY DATA					
Name:	FINA TECHNOLOG	Y, INC.			
Street Address:	P.O. Box 674412				
City:	HOUSTON				
State/Country:	TEXAS				
Postal Code:	77267-4412				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Application Number: 13457508					
CORRESPONDENCE DATA					
Fax Number:	(713)483-538	Ļ			
Phone:					
Email:	michelle.hayd	-			
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US					
Correspondent Name:	Mail. Correspondent Name: FINA TECHNOLOGY, INC.				
Address Line 1:					
Address Line 4: HOUSTON, TEXAS 77267-4412					
ATTORNEY DOCKET NUMBER:		COS-1290			
NAME OF SUBMITTER:		David J. Alexander			
Total Attachments: 5 source=cos_1290_assgn#page1.tif source=cos_1290_assgn#page2.tif source=cos_1290_assgn#page3.tif source=cos_1290_assgn#page4.tif source=cos_1290_assgn#page5.tif					

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: 13/457,508 Title: The Addition of a Base to Enhance Product Yield in Alkylation Reactions Atty. Dkt. No.: COS-1290 Filed: 04/27/2012

Assignee Identification

Assignee: <u>FINA TECHNOLOGY, INC.</u> Incorporation: <u>Delaware</u> Address: P.O. Box 674412, Houston, Texas 77267-4412

Now, therefore, in consideration of good and valuable consideration acknowledged by the Assignors to have been received in full from the Assignees:

1. The assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents on the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.

2. The Assignors hereby covenant and agree to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional application covering the Invention; (d) for filing and prosecuting applications for reissuance of any of the patents; and (f) for legal proceedings involving the Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by the Assignors in providing such cooperation shall be paid for by the Assignee.

PATENT REEL: 028279 FRAME: 0242

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3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.

4. The assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the undersigned have executed and delivered this instrument to the Assignee on the dates indicated below.

SIVADINARAYANA CHINTA

§ § ss. § STATE OF TEXAS COUNTY OF Hallis

pril 20, 201-

BEFORE ME, the undersigned authority, on this $\partial \mathcal{D}$ day of $(A \cap \mathcal{D})$, $\partial \mathcal{D}$ personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.

LESSIE SARRATT My Commission Expire May 16, 2014	Notary Public
JOSEPH L. THORMAN	Date
STATE OF TEXAS	§ 8 ss
COUNTY OF	§ ss. §

BEFORE ME, the undersigned authority, on this <u>day of</u> personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.

(Assignment ends with this page)

Notary Public

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ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: Title: The Addition of a Base to Enhance Product Yield in Alkylation Reactions Atty. Dkt. No.: COS-1290 Filed:

ASSIGNEE IDENTIFICATION

Assignee: <u>FINA TECHNOLOGY, INC.</u> Incorporation: <u>Delaware</u> Address: P.O. Box 674412, <u>Houston, Texas</u> 77267-4412

Now, therefore, in consideration of good and valuable consideration acknowledged by the Assignors to have been received in full from the Assignees:

1. The assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents on the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.

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> PATENT REEL: 028279 FRAME: 0244

1

3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.

4. The assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the undersigned have executed and delivered this instrument to the Assignee on the dates indicated below.

			 	·	
SIVADINARAYANA CHINTA		Date			
STATE OF TEXAS	§ § ss.				
COUNTY OF	ş				

BEFORE ME, the undersigned authority, on this _____ day of _____, ____ personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.

Notary Public

REEL: 028279 FRAME: 0245

Janat May 23, 2012 Date ÍOSEPH'L. THORMÁN

COUNTY OF Helsinki § ss. BEFORE 15

BEFORE ME, the undersigned authority, on this 25° day of May, 262 personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.

			Helsingin maiste
	and the second	Notary Public	* 232
(Assignment ends with this page)	Le -	TONI RUOTSALAINEN Notary Public	
	2	HELSINGIN MAISTRAATTI ALBERTINKATU 25 00181 HELSINKI FUNK PUH. 02 9553 6222 PUH. 02 9553 6222	AND Helsman

į		
Numero de Carlos		APOSTILLE
No. 19	(Convention	n de La Haye du 5 octobre 1961)
	Land:	Suomi Finland
	Tämän yleisen asiakirjan: Denna allmänna handling:	
2	. on allekirjoittanut är undertecknad av	Toni Ruotsalainen
3	. toimlessaan i egenskap av	julkisena notaarina
4	. Siinä oleva leima/sinetti on är försedd med sigill/stämpel av	Helsingin maistraatti
		Todistetaan Intygas
5.	Helsingissä	6. 23. päivänä toukokuuta 2012 den
7.	Paula Ojaniemi, julkinen notaari av	
8.	No <u>6392 / 2012</u> Nr	
9.	Sinetti/Leima: Sigill/Stämpel	10. Allekirjoitus: Underskrift
	A SET CON	
	* Solar Holder	(A Min
	A CELL	- YALE US