PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY DATA						
		Name	Execution Date			
Emanuel Hermanus v	an Broekhove	n	01/23/2008	I		
Mark Hendrikus Harte			01/23/2008	I		
Gijsbertus Klaver			01/23/2008			
Jan Nieman			01/23/2008			
RECEIVING PARTY DATA						
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Street Address:	Barchman Wuytierslaan 10					
City:	Amersfoort					
State/Country:	NETHERLANDS					
Postal Code:	3818 LH					
PROPERTY NUMBERS Total: 1 Property Type Number						
Property Type		Number	Number			
Application Number: 12021		12021096	096			
CORRESPONDENCE DATA						
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ATTORNEY DOCKET NUMBER:		C4-7655 US	C4-7655 US			
NAME OF SUBMITTER:		Sarah Marshik				
Total Attachments: 5						
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Application No. 12/021,096 Filed: 28 January -2008 Attorney Docket No. C4-7655

We, EMANUEL HERMANUS VAN BROEKHOVEN, residing at Trintel 131, NL-1141 DN, Monnickendam, The Netherlands; MARK HENDRIKUS HARTE, residing at Prelude 29, NL-1507 TB, Zaandam, The Netherlands; GIJSBERTUS KLAVER, residing at Lepelblad 6, NL-1452 VN, Ilpendam, The Netherlands, and JAN NIEMAN, residing at Fazantenkamp 29, NL-3607 CB, Maarssen, The Netherlands, have made at least one invention, improvement or discovery described in a patent application having the above-designated Attorney Docket No. and named inventors, and entitled:

ALKYLATION PROCESS USING A CATALYST COMPRISING RARE EARTH CONTAINING ZEOLITES AND A HYDROGENATION METAL

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we hereby assign, transfer and set over unto Albemarle Netherlands B.V., an entity duly organized and existing under the laws of The Netherlands, having a place of business at Amersfoort, The Netherlands, its successors and assigns, my/our entire right, title and interest in and to said patent application and all inventions, improvements and discoveries described therein and to any and all other patent applications derived totally or in part from said patent application, be they provisional or non-provisional applications, divisional applications, continuation applications or continuation-in-part applications that are issued, granted or validated by any patent office, including, but not limited to the United States Patent and Trademark Office, any regional patent office and/or any patent office of any country foreign to the United States and to any priority rights available from any of the foregoing; and we authorize and request the issuing authority to issue any and all patents on said application or applications to Albemarle Netherlands BV, its successors or assigns.

We agree to execute such further papers, and perform such other proper acts as Albemarle Netherlands BV, its successors or assigns may deem necessary to secure to them the rights herein conveyed; and we hereby authorize the insertion into this Assignment of the Application number and filing date of said patent application.

WITNESSES:		
Name: JAN NIEMAN	Inventor: Name:	EMANUEL HERMANUS VAN BROEKHOVEN
Name: MARK HENPRIKUS HARTE		State State State
COUNTRY OF THE NETHERLANDS	} { }	
On this 2.3 th day of 3 me:	nuary-	, 2008, personally appeared before

EMANUEL HERMANUS VAN BROEKHOVEN

known by me to be the person named in and who executed the above instrument in my presence, and the presence of the above witnesses, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

. chot Notary Public motedasm Notary ID Number

PATENT REEL: 025728 FRAME: 0046

WITNESSES: Name: JAN NIEMAN	Inventor: Name:	AAST MARK HENDRIKUS HARTE
Name: GijsBERTUS KLAVER, COUNTRY OF THE NETHERLANDS CITY OF _ Annlerdam	} { }	
On this <u>23th</u> day of <u>6</u> me:	many	, 2008, personally appeared before

MARK HENDRIKUS HARTE

known by me to be the person named in and who executed the above instrument in my presence, and the presence of the above witnesses, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

3 cho d motheram, Notary Public Notary ID Number

PATENT REEL: 025728 FRAME: 0047

WITNESSES:	· •	
A	Inventor:	gulan.
Name: JAN MEMAN	Name:	GIJSBERTUS KLAVER
Name: Emuhned Harmahus van COUNTRY OF THE NETHERLANDS		Consideration of the second se
	, {	CHOR 3
CITY OF Homberdam	.)	
On this <u>25 th</u> day of	January	, 2008, personally appeared before
me:	have been	

GIJSBERTUS KLAVER

known by me to be the person named in and who executed the above instrument in my presence, and the presence of the above witnesses, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

Mr. E. Schot moterdam, Notary Public Notary ID Number

PATENT REEL: 025728 FRAME: 0048

MARY Name: MARK HENDRIKUS HARTE Name: JAN NIEMAN Mame: JAN NIEM

JAN NIEMAN

known by me to be the person named in and who executed the above instrument in my presence, and the presence of the above witnesses, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

Mr E. Schot Imstadam, Notary Public Notary ID Number

PATENT REEL: 025728 FRAME: 0049

RECORDED: 02/01/2011

WITNESSES: