02-01-2006 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) 1/30/6 P08/REV03 103167934 Tab settings -To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): JEFFREY J. STREBEL SAMEER D. MEHTA Name: EQUISTAR CHEMICALS, LP JEFFREY A. JONES Internal Address: Additional names(s) of conveying party(ies) attached? Yes X No. 3. Nature of conveyance: Street Address: One Houston Center ✓ Assignment Merger 1221 McKinney Street ☐ Security Agreement Change of Name State: TX City: Houston ZIP: 77010 ☐ Other Execution Date: January 11, 2006 Additional name(s) & address(es) attached? U Yes X No 4. 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: A. Patent Application No.(s) B. Patent No.(s) 11/290,060 Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: William A. Heidrich Name: 7. Total fee (37 CFR 3.41):.....\$ 40.00 Internal Address: Equistar Chemicals, LP Enclosed - Any excess or insufficiency should be credited or debited to deposit account 00000140 012230 11290060 01/31/2006 DBYRNE Authorized to be charged to deposit account 40_00 BA 01 FC:8021 8. Deposit account number: Street Address: 11530 Northlake Drive 01-2230 ZIP: 45249 (Attach duplicate copy of this page if paying by deposit account) City: Cincinnati State: OH 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. Gerald A. Baracka Signature Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

Docket No.: 88-2030B

	0	Title and Interest in Invention ntors; single assignee)	Docket No. 88-2030B Cust. No. 33967			
This is an A	ssignment of the following ri	ights, title and interest: (check all that apply):				
×	United States of America rights, title and interest in the invention					
	Foreign rights, title and int	Foreign rights, title and interest in the invention				
X	United States Patent Application Serial No. 11/290,060					
	Date of Execution: J	an. 11, 2006 Date of Filing: November	30, 2005			
	United States Provisional Patent Application Serial No.					
	United States Patent No(s).					
١	International (PCT) Patent	t Application Serial No.				
٦	Other (specify)					
Title of the	Invention					
Inventors (a						
JEEEDEY	Name	Address	NIIO 45044			
	J. STREBEL D. MEHTA	5089 EAGLES VIEW, CINCINNATI, C 9783 COVENTRY COURT, MASON, G				
	A. JONES	8788 WHITEGATE DRIVE, MORROW				
	7 001120	GIGG WIII 25 (12 SILIVE) WORKEN	, 01110			
	· · · · · · · · · · · · · · · · · · ·					
Assignee						
	Name	Address				

Name	Address		
EQUISTAR CHEMICALS, LP	ONE HOUSTON CENTER 1221 McKINNEY STREET SUITE 700 HOUSTON, TEXAS 77010		

[Page 1 of 3]

AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 88-2030B Cust. No. 33967

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date	
JEFFREY J. STREBEL		
SAMEER D. MEHTA		
JEFFREY A. JONES		

[Page 2 of 3]

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 88-2030B; Cust. No. 33967

(Although notar		tarization rima facie evidence of execution pursuant to 35 U.S.C. 261.,)
Executed this	11th day of January	, in the year 2006.	
at CINCINNATI, OHIO	(USA)	2000.	
		Thy Signature of Inventor)	
State of OHIO		Asignature of Inventor)	
C C C C C C C C C C C C C C C C C C C			į
County of HAMILTON			ļ
	ppeared JEFFREY J. STREBEL	act and deed and also represented that he or	she is authorized to
execute the same this	1/4 day of JANUARY		
	MARGARET E. BAILEY		
	MOTARY PUBLIC, STATE OF OHIO MY COMMISSION EXPIRES 08-30-10	Margaxel E. Bailey (Notary Public) , in the year 2006.	
Executed this	11th day of January	, in the year 2006.	
at CINCINNATI, OHIO (a /•	
		Monette	
[C4::4:: ::6: OHIO		(Signature of Inventor)	
State of OHIO			
County of HAMILTON			
Before me personally aj	opeared SAMEER D. MEHTA		
who acknowledged the	foregoing instrument to be a free o	act and deed and also represented that he or	she is authorized to
execute the same this	11th day of JANUARY	, in the year 2006.	
	MARGARET E. BAILEY MOTARY PUBLIC. STATE OF OHIO	Man We A :1	
	MY COMMISSION EXPIRES 08-30-10	Margaret E. Bailey	k
Executed this	11th day of JANUARY	, in the year 2006.	
at CINCINNATI, OHIO	(USA)	11	
		19691000 1/11/0	\mathcal{L}^{-}
State of OHIO		(Signature of Inventor)	
State by Othio		233	
County of HAMILTON			
Before me personally a	ppeared JEFFREY A. JONES		1
who acknowledged the	foregoing instrument to be a free	act and deed and also represented that he or Q_{ij} , in the year 2006 .	she is authorizea to
execute the same this	11th day of JANUA		
alor.	MARGARET E. BAILEY	Margarel E. Bailey	
MY CC	ARY PUBLIC, STATE OF OHIO DMMISSION EXPIRES 08-30-10	(Notary Public)	

[Page 3 of 3]

PATENT REEL: 017506 FRAME: 0161