(Rev. 6:43) PATENTS ONLY 88-2207A OMB No. B651-0011 (exc. 494) PATENTS ONLY 88-2207A To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. Image of conveying parties: 2. Name and address of receiving party(ies): Name of conveying parties: 2. Name and address of receiving party(ies): Name: EQUISTAR CHEMICALS, LP Internal Address: Internal Address: <u>SAME</u> Street Address: Street Address: <u>SAME</u> Street Address: Street Address: <u>SAME</u> Street Address: City: Houston		I THERE REAL AND A LONG AND A LONG AND A LONG A	II 41 0 1 4 00 1	
(Rev. 6-83) PATENTS ONLY 88-2207A OMB No.0551-0011 (exp. 4/84) PATENTS ONLY 88-2207A To the Honorable Assistant Commissioner for Patents'. Please record the attached original documents or copy thereot. . Name of Conveying parties: a. Sandor Nagy 2. Name and address of receiving party(ies): Name of Conveying party 2. Name and address of receiving party(ies): Name: EQUISTAR CHEMICALS, LP Internal Address: Sonditional name(s) of conveying party(ies) attached: Internal Address: Sonditional name(s) of conveying party(ies) attached: Yes ® No Additional name(s) & address(es) attached: City: Houston				
To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. Name of Conveying parties: a. Sandor Nagy a. Sandor Nagy 2. Name and address of receiving party(ies): b. Linda N. Winslow 2. Name and address of receiving party(ies): c. Shahram Mihan 1. Reynald Chevalier e. Lenka Lukesova 1. Internal Address: SAME f. Itya E. Nifant'ev Internal Address: SAME g. Pavel Ivchenko Street Address: One Houston Center h. Karen L. Neal-Hawkins City: HoustonState_TX_Zip 77010 Additional name(s) of conveying partylies) attached: Street Address: One Houston Center Security Agreement Merger Security Agreement Charge of Name Execution Date: a. or/242009 b. 07/22/2009 Additional name(s) & address(es) attached: □ Yes ⊠ No 4. Application number(s) or patent number(s): B. Patent No.(s) Serial No. 12/460.640 Filed: July 22, 2009 Additional numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence should be mailed: CustOMER NUMBER 24114 Name: Jonathan L. Schuchardt 8. Deposit Account Number: 01-2230 Mathered State_PAZip 19073 Attenduplicate copy of the opesit ac	(Rev. 6-93)			
Name of conveying parties: a. Sandor Nagy b. Linda N. Winslow . c. Shahram Mihan . d. Reynald Chevalier . e. Lenka Lukesova . f. Ityz E. Nifanitev . g. Pavel Ivchenko . h. Karen L. Neal-Hawkins . Additional name(s) of conveying party(ies) attached: . Yes ⊠ No . State of conveyance: . Security Agreement □ Change of Name Execution Date: a. 07/24/2009 b. 07/24/2009 g. 07/22/2009 g. 07/22/2009 b. 07/24/2009 g. 07/22/2009 g. 0	OMB No. 0651-0011 (exp. 4/94)	FATEINTS UNI	_ 1	00-2207A
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b. Linda N. Winslow Name: EQUISTAR CHEMICALS, LP c. Shahram Mihan Internal Address: <u>SAME</u> d. Reynald Chevalier Internal Address: <u>SAME</u> e. Lenka Lukesova Street Address: <u>One Houston Center</u> g. Pavel Ivchenko Street Address: <u>One Houston Center</u> h. Karen L. Neal-Hawkins City: <u>Houston State TX</u> Zip <u>77010</u> Additional name(s) of conveying partylies) attached: Street Address: <u>One Houston Center</u> g. Pavel Ivchenko Additional name(s) & address(es) attached: g. Security Agreement Merger G. 607/30/2009 e. 00/32009 e. 00/32009 f. 07/30/2009 Additional name(s) & address(es) attached: g. 70/72/2008 h.07/24/2009 b.07/24/2009 D.07/26/2009 g. 70/72/2008 h.07/24/2009 b.07/24/2009 B. Patent No.(s) g. Fried: July 22, 2009 B. Patent No.(s) s. Patent Application No.(s) B. Patent No.(s) s. Patent No.(s) City: <u>Payson Additional numbers attached?</u> Yes ⊠ No 5. Name and address of party to whom correspondence should be mailed: City: <u>One</u> CUSTOMER NUMBER 24114 Street Address: Logal Department Name: Jonathan L. Schuchardt 8. Deposit Account Number: <u>01-2230</u> Internal Address: Logal Department 8. Deposit Account Number:		2. Nar	ne and address of r	eceiving party(ies):
c. Shahram Mihan d. Reynald Chevalier e. Lenka Lukesova f. Ilya E. Nifant'ev g. Pavel Ivchenko h. Karen L. Neal-Hawkins Additional name(s) of conveying party(ies) attached: Street Address: <u>One Houston Center</u> Yes ⊠ No Additional name(s) & address(es) attached: Security Agreement Change of Name Execution Date: a. 07/24/2009 b. 07/24/2009 Additional name(s) & address(es) attached: 9. 70/2208 b. 07/22099 b. 07/24/2009 b. 07/30/2009 g. 07/30/2009 g. 07/30/2009 g. 08/02/2009 Additional name(s) & address(es) attached: 9. 07/2208 b. 0.02/2009 b. 07/30/2009 g. 07/30/2009 g. 07/30/2009 g. 07/30/2009 g. 08/02/2009 B. Patent No.(s) 9. Patent Application No.(s) B. Patent No.(s) Seriet July 22, 2009 Additional numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence should be mailed: 6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u> Enclosed 7. Total fee (37 CFR 3.41) <u>\$40.00</u> 9. Statement and dignature: 2. Authorized to be charged to deposit account 1. Attach duplicate copy of this page if paying by deposit account) 3801 West Chester Pike 2. Author		Nama		
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Additional name(s) of conveying party(ies) attached: City: Houston State TX_Zip 77010 Additional name(s) of conveying party(ies) attached: Additional name(s) & address(es) attached: Yes ⊠ No 3. Nature of conveyance: Additional name(s) & address(es) attached: Yes ⊠ No Additional name(s) & conveyance: Additional name(s) & address(es) attached: Yes ⊠ No Convolution Agreement Merger Additional name(s) & address(es) attached: Yes ⊠ No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Serial No. 12/460,640 B. Patent No.(s) B. Patent No.(s) Streat Application Numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence should be mailed: CustomEr NUMBER 24114 Name: Jonathan L. Schuchardt 6. Total number of applications and patents involved: One Name: Jonathan L. Schuchardt 8. Deposit Account Number: 01-2230 Street Address: Legal Department 8. Deposit Account Number: 01-2230 Street Address: LyondellBasel Industries Ø1/15/2009 MJAMA1 @@@@@@073 @12238 Ot NOT USE THIS SPACE Ø1/15/2009 MJAMA1 @@@@@@00 9. Statem	-			201 <u>2 - 2017 - 2017 - 2017 - 2017</u>
Additional name(s) of conveying party(ies) attached: Yes ⊠ No Yes ⊠ No Additional name(s) & address(es) attached: Yes ⊠ No 3. Nature of conveyance: Sasignment Merger Security Agreement Change of Name Execution Date: a. 07/24/2009 Additional name(s) & address(es) attached: Yes ⊠ No 4. Application number(s) or patent number(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) Serial No. 12/460,640 Filed: July 22, 2009 Additional numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence should be mailed: CUSTOMER NUMBER 24114 6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u> Enclosed Authorized to be charged to deposit account 8. Deposit Account Number: <u>01-2230</u> (Attach duplicate copy of this page if paying by deposit account) 89/15/2009 MJAKA1 3801 West Chester Pike 89/15/2009 MJAKA1 98090973 812238 City: Newtown Square_State_PA_Zip 19073 91223 912230 Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached is a	n. Karen L. Neal-Hawkins	City	Hauston State	
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□ Security Agreement □ Change of Name Execution Date: a. 07/24/2009 b. 07/21/2009 Corriso/2009 d. 07/30/2009 e. 08/05/2009 f. 07/30/2009 9. 07/22/2009 h. 07/22/2009 4. Application number(s) or patent number(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) Serial No. 12/460,640 Filed: July 22, 2009 Additional numbers attached? □ Yes No 5. Name and address of party to whom correspondence should be mailed: 6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 3.41) \$40.00 Enclosed ⊠ Authorized to be charged to deposit account Name: Jonathan L. Schuchardt 8. Deposit Account Number: <u>01-2230</u> Internal Address: Legal Department 8. Deposit Account Number: <u>01-2230</u> Street Address: LyondellBasell Industries (Attach duplicate copy of this page if paying by deposit account) <u>3801 West Chester Pike</u> 89/15/2689 NJANA1 City: Newtown Square_State_PAZip_19073 81 FC:8621 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached is a true copy of the original document.	3. Nature of conveyance:			, ,
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September 10,	 A. Patent Application No.(s) Serial No. 12/460,640 Filed: July 22, 2009 5. Name and address of party to correspondence should be maile CUSTOMER NUMI Name: Jonathan L. Schuchardt Internal Address: Legal Departm Street Address: LyondellBasell I <u>3801 West Chester Pike</u> 	Additional numbers attach whom ed: BER 24114 7. Tota Encl. Monte ent Industries PAZip_19073	Patent No.(s) ed? Yes No al number of applicated: <u>One</u> al fee (37 CFR 3.41) posed porized to be charged to be charged to be charged to be posit Account Number duplicate copy of this page 09/15 01 FC	tions and patents <u>\$40.00</u> deposit account er: <u>01-2230</u> ge if paying by deposit account) /2009 NJAMA1 00000073 012230)1
Jonathan L. SchuchardtSignatureSeptember 10,Name of Person SigningSignatureDate	 A. Patent Application No.(s) Serial No. 12/460,640 Filed: July 22, 2009 5. Name and address of party to correspondence should be maile CUSTOMER NUMI Name: Jonathan L. Schuchardt Internal Address: Legal Departm Street Address: LyondellBasell I 3801 West Chester Pike City: Newtown Square State F 9. Statement and signature: To the best of my knowledge 	B. I Additional numbers attach whom ed: BER 24114 10 Encl Encl Mautional numbers attach 7. Tota Encl Mautional numbers attach 8. Dep (Attach DO NOT USE 1 and belief, the foregoing ocument.	Patent No.(s) ed? Yes No al number of applica ed: <u>One</u> al fee (37 CFR 3.41) osed horized to be charged to o cosit Account Number duplicate copy of this page 89/15 91 FC THIS SPACE information is true a	tions and patents <u>\$40.00</u> deposit account er: <u>01-2230</u> ge if paying by deposit account) /2009 NJAMA1 00000073 012230) 1 2009 NJAMA1 00000073 012230) 1 2009 NJAMA1 00000073 012230) 1 2009 NJAMA1 00000073 012230) 1 2009 NJAMA1 00000073 012230)

PATENT REEL: 023240 FRAME: 0363

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Sandor Nagy	561 Stanhope Court, Naperville, Illinois 60565, USA	
Linda N. Winslow:	7701 Malabar Terrace, Cincinnati, Ohio 45236, USA	
Shahram Mihan:	Schillerstraβe 25, 65812 Bad Soden, Germany	
Reynald Chevalier:	Geißspitzweg 8, 65929, Frankfurt, Germany	
Lenka Lukesova:	Gontardstraße 31, 65934, Frankfurt, Germany	
Ilya E. Nifant'ev:	12, 26-Bakinskih Komissarov Str., Block 3, Apt. 60, Moscow, 119526, Russia	
Pavel V. Ivchenko:	24, 2nd Mosfilmovskii Dr., Ap. 5, Moscow, 119285, Russia	
Karen L. Neal-Hawkins: 2622 Firtree Court, Cincinnati, Ohio 45223, USA		

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title of Invention: METHOD OF PREPARING NON-METALLOCENE CATALYSTS

for which application for Letters Patent of the United States has been filed on July 22, 2009

Particulars of Application

under Serial No. 12/460,640 and

WHEREAS: EQUISTAR CHEMICALS, LP One Houston Center 1221 McKinney Street Houston, Texas 77010 United States of America

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United

States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Full Names of Inventor(s):

Said Nin

Sandor Nagy

Linda N. Winslow

Shahram Mihan

Reynald Chevalier

Lenka Lukesova

24, 2009

DATE

States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

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Full Names of Inventor(s):

DATE

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Inda nilunton

Linda N. Winslow

Shahram Mihan

Reynald Chevalier

Lenka Lukesova

7/21/09.

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Full Names of Inventor(s):

<u>DATE</u>

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RECORDED: 09/14/2009

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