	U.S. PTO 12/383896 03/30/2009	04-09-2009
Form Pto-1595 *(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) RECORDATION FORM PATENTS C		103555903
To the Honorable Commissioner for Patents. Please record the attached original documents or copy thereof.		
 Names of conveying parties: Noel Hallinan, (2) Brian A. Salisbury, and Shao-Hua Guo Additional name(s) of conveying party attached: Yes: No: (X) Nature of conveyance: (X) Assignment () Merger () Security Agreement () Change of Name () Other Execution Dates: (1) March 27, 2009; (2) March 25, 2009; and (3) March 25, 2009 Application number(s) or patent number(s): 	Internal Address: <u>SA</u> Street Address: <u>Delaw</u> <u>2 Rigl</u> City: <u>Wilmington</u> Sta	mical Technology, L.P. ME vare Corporate Center II hter Parkway, Suite 300
If this document is being filed together with a new application, th March 27, 2009. A. Patent Application No.	B. Patent No.(s)	ation are: March 25, 2009, and
Additional numbers attached? Yes () No (X)		
5. Name and address of party to whom correspondence should be mailed:	7. Total fee (37 CFR 3	Stations and patents involved: ONE 3.41) \$40.00
Name: Shao-Hua Guo, Esquire	Enclosed ()	
Internal Address: Legal Department	·	arged to deposit account: (X)
Street Address: LyondellBasell Industries	8. Deposit Account N	umber: <u>01-2230</u>
3801 West Chester Pike		
City: <u>Newtown</u> Square State: <u>PA</u> Zip: <u>19073</u> CUSTOMER NUMBER: 24114		
DO NOT USE THIS SPACE 04/09/2009 DBYRNE 00000027 012230 12383894		
 9. Statement and signature: To the best of my knowledge and belief, the foregoin a true copy of the original document. 	81 FC: ng information is true an Mullus	40.00 DA ad correct and any attached copy is
Shao-Hua Guo, Esq.March 30, 2009Name of Person SigningSignatureDate		
Reg. No. 44,728 Total number of pages including cover sheet, attachments, and document: 3		

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PATENT REEL: 022500 FRAME: 0253

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Noel Hallinan, 9074 Symmesview Court, Loveland, Ohio 45140, U.S.A. Brian A. Salisbury, 2210 Kings Row Road, Oxford, Pennsylvania 19363, U.S.A. Shao-Hua Guo, 316 Horizon Court, Exton, Pennsylvania 19341, U.S.A.

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

Title of Invention:**REMOVING HYDROCARBON IMPURITIES FROM ACETIC**ACID PRODUCTION INTERMEDIATE

for which application for Letters Patent of the United States has been filed on

Particulars of Application

under Serial No.

and

 WHEREAS: Lyondell Chemical Technology, L.P. Two Greenville Crossing 4001 Kennett Pike, Suite 238 Wilmington, Delaware 19807

(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.

> PATENT REEL: 022500 FRAME: 0254

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 Inventors:

Veel Hak Noel Hallinan

Brian A. Salisbury

n Luo

Shao-Hua Guo

DATE

3/27/09

DATE

3/25/09

DATE

3125/2009

RECORDED: 03/30/2009