Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Equistar Chemicals, LP		104/30/2010	LIMITED PARTNERSHIP: DELAWARE

RECEIVING PARTY DATA

Name:	Wells Fargo Bank, National Association, as Collateral Agent
Street Address:	45 Broadway
City:	New York
State/Country:	NEW YORK
Postal Code:	10006
Entity Type:	Association: UNITED STATES

PROPERTY NUMBERS Total: 16

Property Type	Number	Word Mark
Registration Number:	3399585	STARFLEX
Registration Number:	0543580	ALATHON
Registration Number:	2278210	EQUISTAR
Registration Number:	2352343	EQUISTAR
Registration Number:	1241723	FILMEX
Registration Number:	0391698	FILMEX
Registration Number:	2091638	FLEXATHENE
Registration Number:	2946794	INTEGRATE
Registration Number:	1902244	ISOMPLUS
Registration Number:	0715595	MICROTHENE
Registration Number:	0718049	PETROTHENE
Registration Number:	0611277	PETROTHENE
Registration Number:	1413868	PLEXAR
Registration Number:	1001381	PUNCTILIOUS
		TRADEMARK

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Registration Number:	0783813	ULTRATHENE
Registration Number:	0764486	"ULTRATHENE"

CORRESPONDENCE DATA

Fax Number: (202)408-3141

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 800-927-9801 x2348
Email: jpaterso@cscinfo.com

Correspondent Name: Corporation Service Company

Address Line 1: 1090 Vermont Avenue NW, Suite 430

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	EQUISTAR-31
NAME OF SUBMITTER:	Jean Paterson
Signature:	/jep/
Date:	05/19/2010

Total Attachments: 6

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RECORDATION FORM COVER SHEET TRADEMARKS ONLY			
To the Director of the U. S. Patent and Trademark Office: Please	se record the attached documents or the new address(es) below.		
Name of conveying party(ies): Equistar Chemicals, LP	2. Name and address of receiving party(ies) Additional names, addresses, or citizenship attached? No		
Individual(s)	General Partnership Citizenship Limited Partnership Citizenship Corporation Citizenship Other Citizenship If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No (Designations must be a separate document from assignment)		
A. Trademark Application No.(s) C. Identification or Description of Trademark(s) (and Filing)	B. Trademark Registration No.(s) See Schedule Additional sheet(s) attached? Yes No		
5. Name & address of party to whom correspondence concerning document should be mailed: Name: James P. Murphy, Legal Assistant	6. Total number of applications and registrations involved:		
Internal Address: Cahill Gordon & Reindel LLP	7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$		
Street Address: 80 Pine Street	Authorized to be charged to deposit account Enclosed		
City:New York	8. Payment Information:		
State NY Zip:10005 Phone Number: (212) 701-3345 Fax Number: (212) 378-2610 Email Address: jmurphy@cahill.com	Deposit Account NumberAuthorized User Name		
9. Signature: Signature JAMES P. MURPHY	May 3, 2010 Date Total number of pages including cover 6		
Name of Person Signing	sheet, attachments, and document:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

TRADEMARK SECURITY AGREEMENT

(Trademarks, Trademark Registrations, Trademark Applications and Trademark Licenses)

April 30, 2010

WHEREAS, Equistar Chemicals, LP, a Delaware limited partnership (herein referred to as the "Grantor") owns, or in the case of licenses is a party to, the Trademark Collateral (as defined below);

WHEREAS, LYONDELL CHEMICAL COMPANY, a Delaware corporation, as Issuer, LYONDELLBASELL INDUSTRIES, N.V., as the company, the other Guarantors party thereto and Wells Fargo Bank, National Association, as Trustee have entered into that Indenture dated as of April 30, 2010 (as amended from time to time, the "Indenture"); and

WHEREAS, pursuant to (i) a Security Agreement dated as of April 30, 2010 (as amended and/or supplemented from time to time, the "Security Agreement") among the Issuer, the Guarantors party thereto and Wells Fargo Bank, National Association, as Collateral Agent for the Secured Parties referred to therein (in such capacity, together with its successors in such capacity, the "Grantee"), and (ii) certain other Security Documents (including this Trademark Security Agreement), the Grantor has secured certain of its obligations and guaranteed certain obligations of the Issuer and the other Guarantors (the "Secured Obligations") by granting to the Grantee for the benefit of such Secured Parties a continuing security interest in personal property of the Grantor, including all right, title and interest of the Grantor in, to and under the Trademark Collateral (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor hereby pledges and grants to the Grantee, to secure the Secured Obligations, a continuing security interest in all of the Grantor's right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the "Trademark Collateral"), whether now owned or hereafter acquired:

- (i) each Trademark owned by the Grantor, including, without limitation, each Trademark registration or application identified in Schedule 1 hereto;
 - (ii) each Trademark License to which the Grantor is a party; and
- (iii) all Grantor's claims for, and rights to sue for, past, present or future infringements of any Trademark (including, without limitation, any Trademark owned by the Grantor and identified in Schedule 1), and all income, royalties, damages and payments now or hereafter due or payable with respect to any such Trademark, including damages and payments for past, present or future infringements thereof, and all rights and benefits of the Grantor under any Trademark License (including, without limitation, any Trademark License identified in Schedule 1).

The foregoing security interest is granted in conjunction with the security interests granted by the Grantor to the Grantee pursuant to the Security Agreement. The Grantor acknowledges and affirms that the rights and remedies of the Grantee with respect to the security interest in the Trademark Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein in their entireties.

TRADEMARK REEL: 004208 FRAME: 0702 Unless otherwise defined herein or the context otherwise requires, terms used in this agreement have the meanings provided or provided by reference in the Indenture and the Security Agreement.

In the event of any inconsistency between the terms or conditions of this Trademark Security Agreement and the terms and conditions of the Security Agreement or Indenture, the terms and conditions of the Security Agreement or Indenture, as applicable, shall control.

IN WITNESS WHEREOF, the Grantor has caused this Trademark Security Agreement to be duly executed by its officer thereunto duly authorized as of the day first above written.

TRADEMARK REEL: 004208 FRAME: 0703 EQUISTAR CHEMICALS, LP

OBnew, View President A O'Brien ized Person

Title:

Authorized Person

REEL: 004208 FRAME: 0704

Acknowledged:

WELLS FARGO BANK, NATIONAL ASSOCIATION, as Collateral Agent

Ву:

Raymond Delli Colli

Title: Vice Presiden

EQUISTAR CHEMICALS, LP

TRADEMARK APPLICATIONS AND REGISTRATIONS

Registration No.	Trademark	
3399585	STARFLEX	
0543580	ALATHON	
2278210	EQUISTAR	
2352343	EQUISTAR	
1241723	FILMEX	
0391698	FILMEX	
2091638	FLEXATHENE	
2946794	INTEGRATE	
1902244	ISOMPLUS	
0715595	MICROTHENE	
0718049	PETROTHENE	
0611277	PETROTHENE	
1413868	PLEXAR	
1001381	PUNCTILIOUS	
0783813	ULTRATHENE	
0764486	ULTRATHENE	

TRADEMARK REEL: 004208 FRAME: 0706

RECORDED: 05/19/2010