

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Notice of Grant of Security Interest

**CONVEYING PARTY DATA**

Name	Execution Date
Ampac Fine Chemicals LLC	02/06/2006

**RECEIVING PARTY DATA**

<b>Name:</b>	Wachovia Bank, National Association, as Administrative Agent
<b>Street Address:</b>	201 South College Street
<b>Internal Address:</b>	CP-8
<b>City:</b>	Charlotte
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28288-0680

**PROPERTY NUMBERS Total: 37**

Property Type	Number
Patent Number:	7148309
Patent Number:	6998460
Patent Number:	6972317
Patent Number:	6962966
Patent Number:	6927276
Patent Number:	6891013
Patent Number:	6867311
Patent Number:	6852887
Patent Number:	6825316
Patent Number:	6727344
Patent Number:	6673889
Patent Number:	6605732
Patent Number:	6548706
Patent Number:	6479623

**OP \$1480.00 7148309**

Patent Number:	6448368
Patent Number:	6417314
Patent Number:	6403760
Patent Number:	6380351
Patent Number:	6037483
Patent Number:	6011177
Patent Number:	5854405
Patent Number:	5821387
Patent Number:	5817778
Patent Number:	5807977
Patent Number:	5703194
Patent Number:	5674951
Patent Number:	5668251
Patent Number:	5668250
Patent Number:	5654450
Patent Number:	5650483
Patent Number:	5637772
Application Number:	10678663
Application Number:	11052934
Application Number:	11081106
Application Number:	11133740
Application Number:	10316440
Application Number:	11061064

**CORRESPONDENCE DATA**

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Address Line 4: Morrisville, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	512485.1422NPAMPACJES
NAME OF SUBMITTER:	John E. Slaughter

Total Attachments: 4

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NOTICE  
OF  
GRANT OF SECURITY INTEREST  
IN  
PATENTS

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Amended and Restated Security Agreement dated as of February 6, 2006 (the "Security Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Wachovia Bank, National Association, as Administrative Agent (the "Administrative Agent") for the lenders referenced therein (the "Lenders"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the patents and patent applications shown below to the Administrative Agent for the ratable benefit of the Lenders:

PATENTS

<u>Patent No.</u>	Description of <u>Patent</u>	<u>Date of Patent</u>
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See Attached Schedule A

PATENT APPLICATIONS

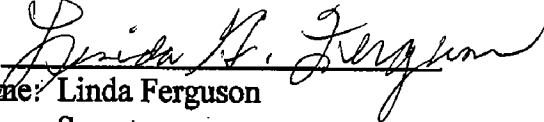
<u>Patent Application No.</u>	Description of Patent <u>Applied For</u>	<u>Date of Patent Application</u>
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See Attached Schedule A

The Obligors and the Administrative Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

AMPAC FINE CHEMICALS LLC,  
a California limited liability company

By:   
Name: Linda Ferguson  
Title: Secretary

Acknowledged and Accepted:

WACHOVIA BANK, NATIONAL ASSOCIATION,  
as Administrative Agent

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

The Obligors and the Administrative Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

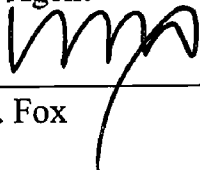
Very truly yours,

AMPAC FINE CHEMICALS LLC,  
a California limited liability company

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Acknowledged and Accepted:

WACHOVIA BANK, NATIONAL ASSOCIATION,  
as Administrative Agent

By:  \_\_\_\_\_  
Name: William F. Fox  
Title: Director

**Ampac Fine Chemicals LLC  
(California LLC)**

**U.S. Patents**

**Issued Patents**

Description	Patent No.	Issued
AMORPHOUS POLYETHER GLYCOLS BASED ON BIS-SUBSTITUTED	7148309	12/12/06
AMORPHOUS POLYETHER GLYCOLS BASED ON BIS-SUBSTITUTED	6998460	02/14/06
MONOHYDRIC POLYFLOUROOXETANE POLYMER AND RADIATION	6972317	12/06/05
MONOHYDRIC POLYFLOUROOXETANE OLIGOMERS, POLYMERS	6962966	11/08/05
MONOHYDRIC POLYFLOUROOXETANE OLIGOMERS, POLYMERS	6927276	08/09/05
FLOURINATED POLYURETHANE ELASTOMERS PREPARED FROM	6891013	05/10/05
CLEAN, HIGH-YIELD PREPARATION OF S,S AND R,S AMINO ACID	6867311	03/15/05
PREPARATION OF 2S,3S-N-ISOBUTYL-N-(2-HYDROXY-3-AMINO-4-	6852887	02/08/05
AMORPHOUS POLYETHER GLYCOLS BASED ON BIS-SUBSTITUTED	6825316	11/30/04
MONOHYDRIC POLYFLUOROOXETANE POLYMER AND RADIATION	6727344	04/27/04
RADIATION CURABLE COATING CONTAINING	6673889	01/06/04
CLEAN, HIGH-YIELD PREPARATION OF S,S AND R,S AMINO ACID	6605732	08/12/03
PREPARATION OF 2S,3S-N-ISOBUTYL-N-(2-HYDROXY-3-AMINO-4-	6548706	04/15/03
AMORPHOUS POLYETHER GLYCOLS BASED ON BIS-SUBSTITUTED	6479623	11/12/02
POLYMERS AND PREPOLYMERS FORMED FROM MONO-	6448368	09/10/02
FLUORINATED POLYURETHANE ELASTOMERS PREPARED FROM	6417314	07/09/02
MONOHYDRIC POLYFLUOROOXETANE POLYMER AND RADIATION	6403760	06/11/02
COPOLYMERS AND COPREPOLYMERS FORMED FROM MONO-	6380351	04/30/02
SOLVENT-FREE PROCESS FOR THE PREPARATION OF MONO-	6037483	03/14/20
PROCESS FOR 4-SULFONAMIDOPHENYL HYDRAZINES	6011177	01/04/00
CONTINUOUS PROCESS OF DIAZOMETHANE FROM AN N-METHYL-	5854405	12/29/98
POLYARENES FROM ARKL KETONES WITH APPLICATION TO	5821387	10/13/98
LARGE SCALE BATCH PROCESS FOR DIAZOMETHANE	5817778	10/06/98
POLYMERS AND PREPOLYMERS FROM MONO-SUBSTITUTED	5807977	09/15/98
FLUORINATED THERMOSET POLYURETHANE ELASTOMERS	5703194	12/30/97
ABRASION-RESISTANT AND LOW FRICTION COATING	5674951	10/07/97
PREPARATION OF MONO-SUBSTITUTED FLUORINATED MONOMERS	5668251	09/16/97
POLYETHER COPREPOLYMERS FORMED FROM MONO-SUBSTITUTED	5668250	09/16/97
MONO-SUBSTITUTED FLUORINATED OXETANE MONOMERS	5654450	08/05/97
PREPARATION OF MONO-SUBSTITUTED FLUORINATED OXETANE	5650483	07/22/97
FLUORINATED DIAMINES AND POLYMERS FORMED THEREFROM	5637772	06/10/97

**Pending Applications**

Description	Appl. No.	Filing Date
FLOURINATED THERMOSET POLYURETHANE ELASTOMERS	10678663	10/03/03
PREPARATION OF 2S,3S-N-ISOBUTYL-N-(2-HYDROXY-3-AMINO-4-	11052934	02/07/05
CLEAN, HIGH-YIELD PREPARATION OF S,S AND R,S AMINO ACID	11081106	03/14/05
PROCESS FOR HALOMETHYL ETHERS OF HYDROXYIMINOMETHYL	11133740	05/19/05
RADIATION CURABLE COATING CONTAINING	10316440	12/11/02
PROCESS FOR HALOMETHYL ETHERS OF HYDROXYIMINOMETHYL	11061064	02/17/05