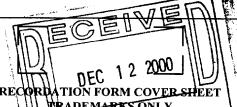
FORM PTO-1618A Expires 06/30/99 OMB0651-0027



12-29-2000

RECORDATION FORM COVER SHEET 10150534
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).
Submission Type ☐ New ☐ Assignment ☐ License
Resubmission (Non-Recordation) Security Nunc Pro Tunc Assignment Effective Date Month Day Year [10/29/99]
Correction of PTO Error Reel # Frame # Change of Name Corrective Document Reel # Frame # Other Notice of Grant of Security Interest
Conveying Party Mark if additional names of conveying parties attached Execution Date Month Day Year Name Chemical Week Publishing L.L.C. 10/29/99
Formerly Corporation Association
Other limited liability company Delaware
Citizenship/State of Incorporation/Organization Receiving Party Mark if additional names of receiving parties attached
Name First Union National Bank, as Agent
DBA/AKA/TA
Composed of 201 S. College Street
Address (line 1) Charlotte Plaza Building
Address (line 2) CP-6 North Carolina 28288-0608 Charlotte North Carolina 28288-0608
City State/Country Life document to be recorded is an assignment
Individual General Partnership and the receiving party is not domiciled in
Corporation domestic representative should be attached.
Other National banking association from Assignment.)
Citizenship/State of Incorporation/Organization
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to the U.S. Patent and Trademark Office, Chief

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing to document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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FORM PTO-1 Expires 06/30 OMB 0651-00	/99	Page 2		Patent and T	ent of Commerce rademark Office
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Correspondent	Name and Address			The second secon	H. C. Follows
			Area Code and Tele	phone Number (919)	286-8000
Name	Steven D. Thomas				
Address (line 1)	Moore & Van Alle	n, PLLC			
Address (line 2)	2200 West Main St	reet			
Address (line 3)	Suite 800				
Address (line 4)	Durham, North Car	rolina 27705			
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FORM PTO-1618A U.S. Department of Commerce —	
Expires 06/30/99 Patent and Trademark Office	
OMB 0651-0027 TRADEMARK	
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Schedule A

Trademarks

	Mark	Country	Serial No./ Registration No.	Status
1.	E&PNET	USA .	75/869,305	Pending
2.	HART'S E&P	USA	75/843,757	Pending
3.	GAS/LPG MARKETS	USA	2,252,190	Registered (Supplemental) on 06/08/1999 Declaration of Use (§8) due by 06/08/2005
4.	ENERGY MARKETS	USA	2,219,794	Registered (Supplemental) on 01/19/1999 Declaration of Use (§8) due by 01/19/2005
5.	OIL AND GAS FINANCE SOURCEBOOK	USA	2,158,211	Registered on 05/19/1998 Declaration of Use (§8/15) due by 05/19/2004
6.	FUEL TECHNOLOGY AND MANAGEMENT	USA	2,082,643	Registered (Supplemental) on 07/22/1997 Declaration of Use (§8) due by 07/22/2003
7.	GAS SHOW	USA	2,016,584	Registered (Supplemental) on 11/12/1996 Declaration of Use (§8) due by 11/12/2002
8.	REFINING ECONOMICS REPORT	USA	1,953,824	Registered (Supplemental) on 01/30/1996 Declaration of Use (§8) due by 01/30/2002
9.	WHO'S WHO IN PIPELINING	USA	1,869,056	Registered (Supplemental) on 12/20/1994 Declaration of Use (§8) due by 12/20/2000
10.	OIL AND GAS INVESTOR	USA	1,861,771	Registered on 11/08/1994 Declaration of Use (§8/15) due by 11/08/2000
11.	HART PETROLEUM DIRECTORY GULF STATES EDITION	USA	1,932,456	Registered on 11/07/1995 Declaration of Use (§8/15) due by 11/07/2001
12.	HART ROCKY MOUNTAIN PETROLEUM DIRECTORY	USA	1,909,949	Registered on 08/08/1995 Ex parte appeal suspended on 10/20/1994 Declaration of Use (§8/15) due by 08/08/2001
13.	. THE PETROLEUM ENGINEER	USA	645,778	Registered 5/21/57 Renewed on 05/20/1997 Next Renewal: 5/20/2007
14	. INTERNATIONAL FUEL QUALITY CENTER	USA	75/906,179	Pending

NOTICE

OF

GRANT OF SECURITY INTEREST

IN

TRADEMARKS

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of October 29, 1999 (the "Security Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and First Union National Bank, as Agent (the "Agent") for the financial institutions referenced therein (the "Lenders"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the trademarks and trademark applications shown below to the Agent for the ratable benefit of the Lenders:

TRADEMARKS

Trademark No.

Description of Trademark

Item

Date of Trademark

See attached Schedule A

TRADEMARK **APPLICATIONS**

Trademark Application No. Description of Trademark Applied For

See attached Schedule A

Date of Trademark **Application**

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The Obligors and the Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing trademarks and trademark 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 trademark or trademark application.

Very truly yours,

CHEMICAL WEEK PUBLISHING L.L.C.,

a Delaware limited liability company

Name:

By:

Plesident Title:

Acknowledged and Accepted:

FIRST UNION NATIONAL BANK,

as Agent

By:

Name: BRUCE W. LOFTIN

Title: SENIOR VICE PRESIDENT

RECORDED: 12/12/2000