Attorney Docket No. 4452-868

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
Form PTO-1595	U.S. DEPARTMENT OF COMMERCE	
OMB No. 0651-0027 U.S. Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
 Name of conveying party (ies): HUGHES, John E.Q. 	2. Name and address of receiving party (ies)	
WARE, Donald D.	Advanced Technology Materials, Inc.	
LURCOTT, Steven M.	7 Commerce Drive	
WRSCHKA, Peter	Danbury, CT 06810-4169	
Additional name(s) of conveying party (ies) attached? 🗌 Yes 🔀 No		
3. Nature of conveyance:		
Assignment Merger Security Agreement Change of Name Other:		
Execution Date(s): HUGHES, John E.Q. (August 3, 2010) WARE, Donald D. (August 19, 2010) LURCOTT, Steven M. (July 23, 2010) WRSCHKA, Peter (August 6, 2010)		
4. Application number(s) or patent number (s):		
If this document is being filed together with a new application, t A. Patent Application No. (s) 12/745,748	the execution date of the application is: B. Patent No. (s)	
Additional numbers attached? [Yes 🛛 No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total Number of applications and patents involved: <u>1</u>	
Nourse Winsons V. Custofican	7. Total fee (37 C.F.R. 3.41)\$40.00	
Name: Vincent K. Gustafson	Enclosed Credit Card Payment Form	
Company Name: Intellectual Property/Technology Law	\square Authorized to charge any deficiency or credit any	
Street Address: P.O. Box 14329	overpayment to deposit account	
City: Research Triangle Park State: NC Zip: 27709	8. Deposit account Number: <u>08-3284</u>	
	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. State and signature.		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. $a \sqrt{\frac{2}{3}} \sqrt$		
Vincent K. Gustafson	August 30, 2010	
Name of person signing Signature	Date	
Total number of pages including cover sheet, attachments and documents:9		

OP \$40.00 12745748

ASSIGNMENT

We, JOHN E.Q. HUGHES, DONALD D. WARE, STEVEN M. LURCOTT, and PETER WRSCHKA, have made an invention the specification of which is described in U.S. Provisional Patent Application No. 60/992,988 filed December 6, 2007; International Patent Application No. PCT/US08/85826 filed on December 8, 2008; and U.S. Patent Application No. 12/745,748 filed in the United States Patent and Trademark Office on June 2, 2010, each entitled:

"SYSTEMS AND METHODS FOR DELIVERY OF FLUID-CONTAINING PROCESS MATERIAL COMBINATIONS."

We hereby assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810-4169, all ownership and rights in:

- (i) the invention, the above-identified U.S. Patent Applications, and the above-identified International Patent Application;
- (ii) non-provisional, continuing, divisional and continuation-in-part applications based on and claiming benefit and/or priority of any of the above-identified patent applications;
- (iii) U.S. Patents on the invention; and
- (iv) corresponding foreign patent applications and patents.

We are making this assignment based on our business relationship with Advanced Technology Materials, Inc.

We respectfully request the Commissioner for Patents of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

Advanced Technology Materials, Inc.

as owner of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc. (or its representatives and/or assigns) all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We declare that we have not done anything in conflict with this Assignment.

JOHN EQ. HUGHES

8-3-2010

Date

DONALD D. WARE

Date

STEVEN M. LURCOTT

Date

PETER WRSCHKA

Date

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Docket No.: <u>4452-868</u> Assignment

JOHN EXD. HUGHES	Date 8/19/10 Date
STEVEN M. LURCOTT	Date
PETER WRSCHKA	Date

ASSIGNMENT

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Page 1 of 2

JOHN E.Q. HUGHES

Date

DONALD D. WARE

STEVEN M. LURCOTT

Date

23/10

Date

PETER WRSCHKA

Date

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JOHN E.Q. HUGHES

Date

DONALD D. WARE

Date

STEVEN M. LURCOTT Tete 100

PETER WRSCHKA

Date

8/6/10

Date

RECORDED: 08/30/2010

Page 2 of 2