

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5274742

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRYAN C. HENDRIX	09/20/2012
JOHN N. GREGG	09/18/2012
SCOTT L. BATTLE	02/05/2013
DONN L. NAITO	10/31/2012
KYLE BARTOSH	09/28/2012
JOHN M. CLEARY	10/03/2012
SEBUM CHEON	07/09/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ADVANCED TECHNOLOGY MATERIALS, INC.
<b>Street Address:</b>	7 COMMERCE DRIVE
<b>City:</b>	DANBURY
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06810
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14404633
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	978-436-6500
<b>Email:</b>	ip_prosecution@entegris.com
<b>Correspondent Name:</b>	ENTEGRIS, INC.
<b>Address Line 1:</b>	129 CONCORD ROAD
<b>Address Line 4:</b>	BILLERICA, MASSACHUSETTS 01821
<b>ATTORNEY DOCKET NUMBER:</b>	201201050 PCT US
<b>NAME OF SUBMITTER:</b>	HEIDI M. ARCHER
<b>SIGNATURE:</b>	/Heidi M. Archer/
<b>DATE SIGNED:</b>	12/10/2018

**Total Attachments: 14**

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**ASSIGNMENT**

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We, **BRYAN C. HENDRIX, JOHN N. GREGG, SCOTT L. BATTLE, DONN K. NAITO, KYLE BARTOSH, JOHN M. CLEARY, and SEBUM CHEON**, have made an invention the specification of which is described in U.S. Provisional Patent Application No. 61/654,077 filed in the United States Patent and Trademark Office on May 31, 2012 entitled:

**"SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION"**

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

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

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

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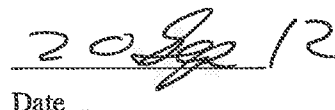
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We agree that we will promptly communicate to **Advanced Technology Materials, Inc.** all facts which come to our attention affecting the invention or patent rights.

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

  
BRYAN C. HENDRIX

  
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JOHN N. GREGG

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Date

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SCOTT L. BATTLE

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Date

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DONN K. NAITO

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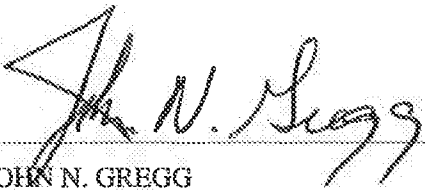
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**BRYAN C. HENDRIX**

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JOHN N. GREGG

9/18/12  
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SCOTT L. BATTLE

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JOHN N. GREGG

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Date

  
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SCOTT L. BATTLE

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2/5/2013

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DONN K. NAITO

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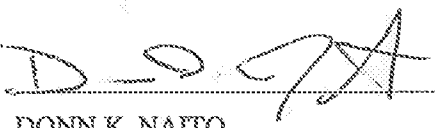
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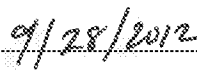
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*10/3/2012*

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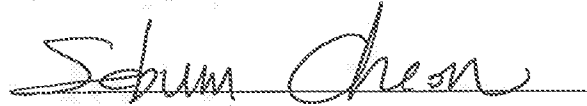
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