PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH D. SWEENEY	01/02/2013
ANTHONY M. AVILA	01/08/2013
MICHAEL J. WODJENSKI	01/03/2013
JOSEPH R. DESPRES	01/01/2013
THOMAS H. BAUM	12/18/2012

RECEIVING PARTY DATA

Name:	ADVANCED TECHNOLOGY MATERIALS, INC.
Street Address:	7 COMMERCE DRIVE
City:	DANBURY
State/Country:	CONNECTICUT
Postal Code:	06810

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14796723

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 978-436-6500

Email: IP PROSECUTION@ENTEGRIS.COM

Correspondent Name: ENTEGRIS, INC.
Address Line 1: 129 CONCORD ROAD

Address Line 4: BILLERICA, MASSACHUSETTS 01821

ATTORNEY DOCKET NUMBER:	201000961/US(3)
NAME OF SUBMITTER:	HEIDI M. ARCHER
SIGNATURE:	/Heidi M. Archer/
DATE SIGNED:	03/06/2019

Total Attachments: 5

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PATENT REEL: 048515 FRAME: 0836

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PATENT REEL: 048515 FRAME: 0837

ASSIGNMENT

We, JOSEPH D. SWEENEY, ANTHONY M. AVILA, MICHAEL J. WODJENSKI, JOSEPH R. DESPRES, and THOMAS H. BAUM, have made an invention the specification of which is described in the U.S. Patent Application No. 13/704,612 filed under the provisions of 35 U.S.C. § 371, based on International Patent Application No. PCT/US11/41013 filed on June 18, 2011, entitled:

"ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL"

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. Patent Application;
- (ii) non-provisional, continuing, divisional and continuation-in-part applications based on and claiming benefit and/or priority of said U.S. Patent Application; and
- (iii) U.S. Patents on the invention.

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 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. 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.

Date (mm/dd/yyyy)

Page 1 of 2

	01/08/2013
ANTHONY M. AVILA	Date (mm/dd/yyyy)
MICHAEL J. WODJENSKI	Date (mm/dd/yyyy)
JOSEPH R. DESPRES	Date (mm/dd/yyyy)
THOMAS H. BAUM	 Date (mm/dd/yyyy)

ANTHONY M. AVILA	Date (mm/dd/yyyy)	
MICHAEL J. WODJENSKI	Date (mm/dd/yyyy)	
JOSEPH R. DESPRES	 Date (mm/dd/yyyy)	
THOMAS H BAIIM		

ANTHONY M. AVILA

Date (mm/dd/yyyy)

MICHAEL J. WODJENSKI

Date (mm/dd/yyyy)

O//a//30/3

DosePH R. DESPRES

Date (mm/dd/yyyy)

THOMAS H. BAUM

Date (mm/dd/yyyy)

Docket No.: <u>2771-961</u> Assignment

ANTHONY M. AVILA	Date (mm/dd/yyyy)
MICHAEL J. WODJENSKI	Date (mm/dd/yyyy)
JOSEPH R. DESPRES	Date (mm/dd/yyyy)
Thomas # Baun	12-18-12
THOMAS H. BAUM	Date (mm/dd/yyyy)