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1. Name of conveying party (ies):	2. Name and address of receiving
Bryan C. Hendrix Thomas H. Baum Debra Desrochers Christos JUL 20 Jul 20 Additional name(s) of conveying party (ies) attached? Yes No	Additional name(s) and address
3. Nature of conveyance:	attached. El 100 El 110
·	Agreement
✓ Other New Assignment document to correct inventing 1999 at Reel/Frame 010399/0649	or s name. Urignal Assignment recorded on N
Execution Date: July 16, 2001, July 16, 2001,	July 12, 2001, July 16, 2001
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If this document is being filed together wind application is: A. Patent Application No.(s) Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Robert A. McLauchlan ATMI, Inc. 7 Commerce Drive Danbury, CT 06810	B. Patent No.(s) sattached? Yes No 7. Total Fee (37 CFR 3.41): \$ Enclosed Authorized to be charged to daccount
If this document is being filed together wind application is: A. Patent Application No.(s) Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Robert A. McLauchlan ATMI, Inc. 7 Commerce Drive Danbury, CT 06810 Telephone: (203)794-1100 6. Total number of applications and patents involved: 1	th a new application, the execution of B. Patent No.(s) sattached? □ Yes □ No 7. Total Fee (37 CFR 3.41): \$ □ Enclosed ☑ Authorized to be charged to d account 8. Deposit account number: 50-0860
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RECORDATI	Docket Number 379			
TO THE HONORABLE 101211	633			
Please record the attached original document or copy thereof.				
1. Name of conveying party (ies):	2. Name and address of receiving party:			
Bryan C. Hendrix Thomas H. Baum Debra A. Desrochers Jeffrey F. Roeder	Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810			
Additional name(s) of conveying party (ies) attached? ☐ Yes ☒ No	Additional name(s) and addresses attached? ☐ Yes ☒ No			
3. Nature of conveyance:				
□ Assignment □ Merger □ Security □ Other	Agreement			
Execution Date: November 15, 1999, Nove	mber 11, 1999, November 10, 1999			
 4. Application number(s) or patent number(s) ☑ If this document is being filed together wi application is: November 15, 1999, November 15,	ith a new application, the execution date of the			
A. Patent Application No.(s) Additional numbers	B. Patent No.(s) 09/440235			
 Name and address of party to whom correspondence concerning document should be mailed: Oliver A. Zitzmann ATMI, Inc. 7 Commerce Drive Danbury, CT 06810 Telephone: (203)794-1100 	7. Total Fee (37 CFR 3.41): \$ 40 ⊠ Enclosed □ Authorized to be charged to deposit account			
6. Total number of applications and patents involved: 1	8. Deposit account number:			
9. Statement and signature.				
To the best of my knowledge and belief, the factory and attached copy is a true copy.	foregoing information is true and correct and Oliver A. Zitzmann			

ASSIGNMENT

We have made an invention described in the U.S. Patent Application 09/440,235, entitled

"MOCVD of SBT Using Toluene Based Solvent System for Precursor Delivery" which was

filed with the United States Patent and Trademark Office on November 15, 1999.

We assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, Connecticut

06810, all of our ownership and rights in:

(i) the invention and U.S. Patent Application;

(ii) U.S. Patents on the invention; and

(iii) corresponding foreign patent applications and patents.

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

Inc.

We request the Commissioner of Patents and Trademarks of the United States and the

appropriate officers of all foreign countries to issue patents on the invention to Advanced

Technology Materials, Inc.

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

that 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 state that we have not previously taken any action in conflict with this Assignment.

Full Name of first inventor: Bryan C. Hendrix	
Inventor's Signature	Date 16/201
Residence: 12 Peace Street, Danbury, CT 06810	•
Citizenship: USA	
Post Office Address: 12 Peace Street, Danbury, CT 06810	
Full Name of second inventor: Thomas H. Baum Inventor's Signature Thomas H. Baum	Date 7-/6-01
Residence: 2 Handol Lane, New Fairfield, CT 06812	
Citizenship: USA	
Post Office Address: 2 Handol Lane, New Fairfield, CT 06812	
Full Name of third inventor: Debra Desrochers Christos Inventor's Signature Residence: 1392 Monroe Turnpike, Monroe, CT 06468	Date 7/12/01
Citizenship: USA Post Office Address: 1392 Monroe Turnpike, Monroe, CT 06468	
Full Name of fourth inventor: Jeffrey F. Roeder Inventor's Signature Prockfield CT 06804	Date7 / 16 / 01
Residence: 4 Longificadow Hill, Brookfield, CT 06804	
Citizenship: USA Post Office Address: 4 Longmeadow Hill, Brookfield, CT 06804	

APPENDIX A

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "MOCVD of SBT using Toluene Based Solvent System for Precursor Delivery" which has been executed by us on the same date as this Assignment for filed in the United States Patent and Trademark Office.

We assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, Connecticut 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and
- (iii) corresponding foreign patent applications and patents.

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

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to Advanced Technology Materials, Inc.

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 that 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 state that we have not previously taken any action in conflict with this Assignment.

By Markey	1511 -
Bryan C. Hendrix	Date
State: Connecticut County: Fairfield	
Bryan C. Hendrix appeared before me on	Ie executed this Assignment before me, and
(SEAL)	
My commission expires on:	
Thomas H. Baum	<u> </u>
State: Connecticut County: Fairfield	
Thomas H. Baum appeared before me on Moley that he is the person described in this Assignment. It declared that his execution was completely voluntary	to execute a second
Notary Public (SEAL)	LYNDA-JO PIXLEY NOTARY PUBLIC MY COMMISSION EXPIRES FEB. 28, 2004
My commission expires on:	

(W/r	a.b.	u (u (g a
	Debra A. Desrochers	Date
State:	Connecticut	
County:	Fairfield	
to me that s	Desrochers appeared before me on No. she is the person described in this Assignment of the person described in the pers	gnment. She executed this Assignment before
	Jeffrey F. Roeder	11/10/99 Date
State:	Connecticut	
County:	Fairfield	
that he is th	cocder appeared before me on	He executed this Assignment before me, and
	V	LYNDA-JO PIXI EV

RECORDED: 07/18/2001

PATENT REEL: 012011 FRAME: 0306

NOTARY PUBLIC MY COMMISSION EXPIRES FEB. 28, 2004