
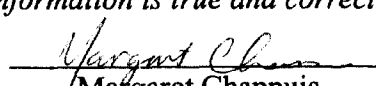
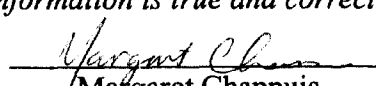
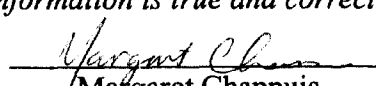


A/D 581.40

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| 12-10-2001 | | Docket Number ATMI 511-PCT-US | | |
| REC |  | ET | | |
| TO THE HON Please record the attached original document or copy thereof. | | TENTS AND TRADEMARKS: | | |
| 1. Name of conveying party (ies): W. Karl Olander Bruce G. Walker <i>04/04/01</i> Additional name(s) of conveying party (ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 2. Name and address of receiving party: Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810 Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: February 22, 2001, February 23, 2001 | | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: February 22, 2001, February 23, 2001 <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> A. Patent Application No.(s) 04/09/2001 ATRAM1 00000061 09806798 04 FC:581 40.00 PP </td> <td style="width: 50%; vertical-align: top;"> B. Patent No.(s) </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | A. Patent Application No.(s) 04/09/2001 ATRAM1 00000061 09806798 04 FC:581 40.00 PP | B. Patent No.(s) |
| A. Patent Application No.(s) 04/09/2001 ATRAM1 00000061 09806798 04 FC:581 40.00 PP | B. Patent No.(s) | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Oliver A. Zitzmann Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810 Telephone: 203-794-1100 | 7. Total Fee (37 CFR 3.41): \$ <u>40</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account | | | |
| 6. Total number of applications and patents involved: <u>1</u> | 8. Deposit account number: <u>50-0860</u> | | | |
| DO NOT USE THIS SPACE | | | | |
| 9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy.</i> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <u>4/3/01</u> Date </td> <td style="width: 50%; text-align: center;">  Margaret Chappuis Reg. No. 45,735 </td> </tr> </table> | | | <u>4/3/01</u> Date |  Margaret Chappuis Reg. No. 45,735 |
| <u>4/3/01</u> Date |  Margaret Chappuis Reg. No. 45,735 | | | |

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "CHEMICAL CONTAINMENT APPARATUS FOR EXHAUST REDUCTION IN A SEMICONDUCTOR MANUFACTURING FACILITY" 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.

All correspondence in connection with this application should be sent to:

**Oliver A. Zitzmann
ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
Telephone: (203) 794-1100**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's Signature  Date 2/22/01

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Inventor's Signature _____ Date _____

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Full Name of first inventor: **W. KARL OLANDER**

Inventor's Signature _____ Date _____

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