
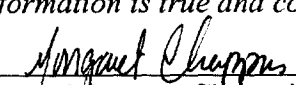


11-15-2002		Docket Number ATMI 506				
RE		EET				
TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS: Please record the attached original.		PATENTS AND TRADEMARKS: or copy thereof.				
1. Name of conveying party (ies): Jose I. Arno <i>11-12-02</i> Additional name(s) of conveying party (ies) attached? <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: <u>October 1, 2002</u>						
4. Application number(s) or patent number(s): U.S. Serial No. <u>10/065,219</u> If this document is being filed together with a new application, the execution date of the application is: <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s)</td> <td style="width: 50%;">B. Patent No.(s)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> </table>			A. Patent Application No.(s)	B. Patent No.(s)	Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
A. Patent Application No.(s)	B. Patent No.(s)					
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No						
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 type="checkbox"/> Enclosed <input checked="" 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> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <u>November 7, 2002</u> Date 11/15/2002 GTON11 00000011 500860 10065219 01 FC:8021 40.00 CH </div> <div style="text-align: center;">  Margaret Chappuis Reg. No. 45,735 </div> </div>						

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled **“SYSTEM FOR IN-SITU GENERATION OF FLUORINE RADICALS AND/OR FLUORINE-CONTAINING INTERHALOGEN (XF_n) COMPOUNDS FOR USE IN CLEANING SEMICONDUCTOR PROCESSING CHAMBERS”** 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.

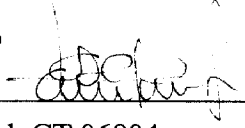
We agree that we will promptly communicate to Advanced Technology Materials, Inc. all facts that come to our attention affecting the invention or patent rights.

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.

Full Name of first inventor: Jose I. Arno

Inventor's Signature



Date

10/11/02

Residence: 13 Twilight Lane, Brookfield, CT 06804

Citizenship: Spain

Post Office Address: 13 Twilight Lane, Brookfield, CT 06804