

02-07-2002

Docket Number
317 CIP

RECORDED



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ITS AND TRADEMARKS:

Please record this document or copy thereof.

101975105

1. Name of conveying party (ies):

2. Name and address of receiving party:

ATMI Ecosys Corporation
617 River Oaks Parkway
San Jose, CA 95134Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, Connecticut 06810Additional name(s) of conveying
party (ies) attached? ☐ Yes ☒ NoAdditional name(s) and addresses
attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: October 4, 20014. Application number(s) or patent number(s): U.S. Serial No. 09/212,107If this document is being filed together with a new application, the execution date of the
application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No5. 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: 203-794-11007. Total Fee (37 CFR 3.41): \$ 40☐ Enclosed☒ Authorized to be charged to deposit
account6. Total number of applications and patents
involved: 18. Deposit account number:
50-0860

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and
any attached copy is a true copy.*January 8, 2002

Date

Robert A. McLauchlan, III
Reg. No. 44,924

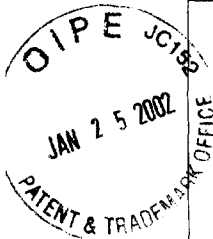
02/06/2002 DEPT. OF COMMERCE 00000143 500060 09212107

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PATENT

REEL: 012540 FRAME: 0238



ASSIGNMENT

ATMI Ecosys Corporation, having offices at 617 River Oaks Parkway, San Jose, California, 95134, is the and owner of United States Patent entitled "APPARATUS AND METHOD FOR POINT-OF-USE TREATMENT OF EFFLUENT GAS STREAMS" filed in the United States Patent and Trademark Office, now U.S. Serial No. 09/212,107, filed December 15, 1998.

Advanced Technology Materials Inc., for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the "Assignee", desires to acquire the entire right, title and interest in and to such inventions, such applications, all inventions disclosed in such applications, and any and all Letters Patents of the United States and of all other countries which may be granted for such invention or inventions, or any of them.

ATMI Ecosys Corporation, hereby conveys, assigns and transfers to the Assignee its full and entire right, title and interest in and to such inventions and such application, including all priority rights arising therefrom, all inventions disclosed in such application, and any and all Letters Patents of the United States and of all other countries, together with the right to apply for such Letters Patents which may be granted for such invention, inventions, or any of them.

By this Assignment, the Assignee has, holds and enjoys such inventions, such application, and such Letters Patents, for its own use and benefit, to the full end of the term or terms for which such Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by ATMI Ecosys Corporation, had this assignment not been made.

On behalf of ATMI Ecosys Corporation, the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue any and all Letters Patents which may be granted on such applications above referred to or for such inventions, or any of them, to the Assignee in accordance with the terms of this instrument.

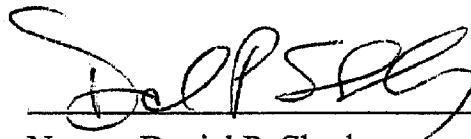
ATMI Ecosys Corporation, hereby agrees to execute and sign without further consideration any other legal documents, and any other assignments and any divisional, continuing, renewal, reissue or other applications for all patents that may be appropriate and may be deemed necessary by the Assignee to fully secure to the Assignee its interests in such inventions or any part thereof and in such patents or any of them.

ATMI Ecosys Corporation, further covenants and agrees ATMI Ecosys Corporation that will communicate to the Assignee, its successors, assigns or other legal representatives, any facts known to ATMI Ecosys Corporation relating to such invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

ATMI Ecosys Corporation hereby covenants that ATMI Ecosys Corporation has not hitherto assigned or granted any license to make, use or sell said invention, and that ATMI Ecosys Corporation will not hereafter purport to assign, license or execute any instrument to that effect in conflict with this assignment.

October 4, 2001

Date

A handwritten signature in black ink, appearing to read 'D. P. Sharkey', written over a horizontal line.

Name: Daniel P. Sharkey

Title: CFO, Treasure and Secretary