

Form PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Piasecik, James
Dalfonzo, Daniel

Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies):

(2a.)
Name: AlliedSignal Inc.
Address: P.O.Box 1219, 101 Columbia Road
City: Morristown State: New Jersey Zip Code: 07962

3. Name of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: October 13, 1999

(2b.)

Name _____
Address: _____
Additional name(s) & address(es) attached? yes no

JC675 U.S. PTO
09/27/99
10/26/99

4. Application number(s) or patent number(s): 09/427436

If this document is being filed together with a new application, the execution date of the application is: October 22, 1999

A. Patent Application No.(s) _____ B. Patent No.(s) _____
Additional numbers attached yes no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William J. Zak, Jr.
Internal Address: AlliedSignal Inc.
Law Dept., M/S 36-2-76000
Street Address: 2525 W. 190th Street
City: Torrance State: CA ZIP 90504

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-0851

(Attach duplicate copy of this page if paying by deposit account)

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 of the original document.

Michael A. Shimokaji
Name of Person Signing

[Signature]
Signature

10/26/99
Date

Total number of pages comprising cover sheet, attachments and document: 3

11/02/1999 DNGUYEN 00000234 09427436

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Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

U.S. PATENT AND TRADEMARK OFFICE

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) (con't):

Yamanis, Jean
Xue, Liang A.
Lear, Gregory
Powers, James

Additional name(s) of conveying party(ies) attached? yes no

ASSIGNMENT

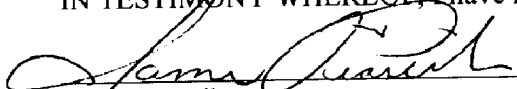
WHEREAS, James Piascik, residing at Randolph, New Jersey; Daniel Dalfonzo, residing at South Plainfield, New Jersey; Jean Yamanis, residing at Morristown, New Jersey; Liang A. Xue, residing at Randolph, New Jersey; Gregory Lear, residing at Redondo Beach, California; and James Powers, residing at Raritan, New Jersey (hereinafter "Assignor") have invented certain new and useful improvements in **RADIAL PLANAR FUEL CELL STACK CONSTRUCTION FOR SOLID ELECTROLYTES** (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

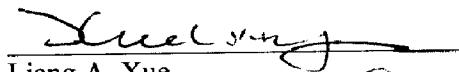
AND WHEREAS, AlliedSignal Inc., a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 101 Columbia Road, Morristown, New Jersey 07962 US, (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries any United States or foreign LETTERS PATENT that may be granted therefor.

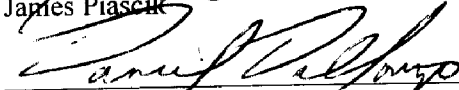
NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of said United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, US and its foreign counterparts to issue said LETTERS PATENT when granted, in accordance with this assignment.

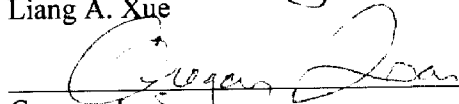
Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of October, 1999.

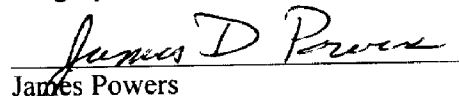

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