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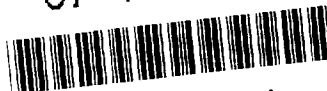
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07-19-2001



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7.13.01
July 9, 2001

Atty. Docket No. – NPW 308B

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Washington, D.C. 20231

RECORDATION FORM COVER SHEET
PATENTS ONLY

Sir :

Enclosed for recordation in the records of the U.S. Patent and

Trademark Office is an original document with particulars as follows:

(1) Name of conveying party:

Thomas G. Herron

(2) Name and address of receiving party:

IdaTech, LLC
P.O. Box 5339
Bend, Oregon 97708-5339

(3) The nature of the conveyance is an Assignment which

was executed on July 5, 2001.

(4) This document is being filed in connection with U.S.

Patent Application Serial No. 09/872,776, which was filed on June 1, 2001.

PATENT
REEL: 011980 FRAME: 0797

(5) Any and all correspondence concerning this document should be addressed and mailed to the following:

David S. D'Ascenzo
Kolisch, Hartwell, Dickinson,
McCormack & Heuser, PC
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204

(6) The total number of patent applications involved in this conveyance is one (1).


7) Our check in the amount of \$40.00 to cover the recordation fee is enclosed, in accordance with 37 C.F.R. § 3.41.

(8) Please charge any additional fees which may be required, or credit any overpayment, to our Deposit Account No. 11-1540.

(9) 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.

Respectfully submitted,

KOLISCH, HARTWELL, DICKINSON,
McCORMACK & HEUSER

A handwritten signature in dark ink, appearing to read 'David S. D'Ascenzo', is written over a horizontal line.

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TOTAL NUMBER OF PAGES (INCLUDING ASSIGNMENT AND COVER SHEET): 4

ASSIGNMENT

WHEREAS, I, THOMAS G. HERRON, of Bend, County of Deschutes, State of Oregon, have invented certain improvements in a SYSTEM AND METHOD FOR OPTIMIZING FUEL CELL PURGE CYCLES, for which an application for Letters Patent of the United States was filed on June 1, 2001, and given Serial No. 09/872,776; and

WHEREAS, IDATECH, LLC, an Oregon limited liability company, having its principal place of business in Bend, County of Deschutes, State of Oregon, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, THOMAS G. HERRON, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto IDATECH, LLC the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all related applications, divisionals, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to IDATECH, LLC, as the assignee of my entire right, title and interest in and to the same, for the sole use of IDATECH, LLC, its successors and assigns.

Further, I agree that I will communicate to IDATECH, LLC or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all related, divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to IDATECH, LLC, make all rightful oaths and generally do everything possible to aid IDATECH, LLC, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5th
day of July, 2001.


THOMAS G. HERRON

Witness:

Patricia A. Rains
(Printed Name)

Patricia A. Rains
(Signature)

PO Box 5339
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