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| (NOV 2 1 2003 E) 12-08 | 5-2003 Docket No. 09800240-0030 | |
| Form PTO-1595 (Rev. 03/01) | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | |
| To the Honorable Commissioner of Patents and Trader | marks: Please record are attached original documents or copy thereof. | |
| Name of conveying parties: | Name and address of receiving party(ies): | |
| Larry J. Markoski Paul J.A. Kenis Eric R. Choban | Board of Trustees of University of Illinois 352 Henry Administration Building 506 Wright | |
| Additional name(s) of conveying party(ies) attached? Yes No | Urbana, Illinois 61801 | |
| 3. Nature of conveyance: | Additional name(s) & address(es) attached? ☐ Yes ☒ No | |
| □ Assignment □ Merger □ Security Agreement □ Change of Name | | |
| Larry J. Markoski November 11, 2003 Paul J.A. Kenis October 28, 2003 Eric R. Choban November 10, 2003 | | |
| 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: A. Patent Application No.(s) B. Patent No.(s) | | |
| 10/609,017 | | |
| Additional numbers attached 🗌 Yes 🔀 No | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| | 7. Total fee (37 CFR 3.41)\$40.00 | |
| Sonnenschein Nath & Rosenthal LLP Post Office Box 061080 | Please charge filing fee to American Express Account A Credit Card Payment Form is attached. | |
| Wacker Drive Station Sears Tower Chicago, Illinois 60606-1080 (312) 876-8000 | 8. Deposit account number: 19-3140 (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. | | |
| Daniel W. Celander, Ph.D. Name of Person Signing Signature Nov. 18,2003 Date | | |

Total number of pages including cover sheet, attachments, and documents: 3

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PATENT REEL: 014751 FRAME: 0630

ASSIGNMENT

WHEREAS, Larry J. Markoski, Paul J.A. Kenis and Eric R. Choban, referred to as ASSIGNORS, have invented a certain invention entitled Fuel Cells Comprising Laminar Flow Induced Dynamic Conducting Interfaces, Electronic Devices Comprising Such Cells, and Methods Employing Same filed on January 14, 2003 and assigned Application Serial No. 10/609,017; and

WHEREAS, Board of Trustees of University of Illinois, a non-for-profit corporation organized and existing under the laws of the State of Illinois, having a place of business at 352 Henry Administration Building, 506 Wright, Urbana, Illinois 61801, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said applications or any non-provisional, continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS also assign all of its right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said invention and said Letters Patent as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for obtain, maintain and enforce said applications, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE October 28th, 2003

DATE Movember 10, 2003

Paul J.A. Kenis

PATENT REEL: 014751 FRAME: 0631

| STATE OF 9 | Illenois. |) |
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| COUNTY OF C | Thansaign |) ss.) |
| I, Pamela D Davis, a Notary Public in and for the County and State aforesaid, do hereby certify that Larry J. Markoski, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. | | |
| IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this // day of 2003. | | |
| (SEAL) | OFFICIAL SEAL PAMELA D. DAVIS NOTARY PUBLIC, STATE OF ILLIN MY COMMISSION EXPIRES 9-27-2 | 2005 |
| My Commission Expires: Systember 27, 2005 | | |
| STATE OF I | INDIS |) |
| COUNTY OF | hamparay |) ss.) |
| certify that Paul J.A. Kenis, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. | | |
| October | NESS WHEREOF, I have, 2003. | hereunto set my hand and Notarial Seal, this 28 day of |
| | LEWIS STERLING TARY PUBLIC, STATE OF ILLINOIS COMMISSION EXPIRES 8-8-2005 | Notary Public |
| My Commission | Expires: 8-8 2005 | |
| STATE OF | |) |
| COUNTY OF | |) ss.) |
| I, Lewis Stepline, a Notary Public in and for the County and State aforesaid, do hereby certify that Eric R. Choban, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. | | |
| November C LI NOTARY | NESS WHEREOF, I have 2003. DFFICIAL SEAL EWIS STERLING PUBLIC, STATE OF ILLINOIS MISSION EXPIRES 8-8-2005 | hereunto set my hand and Notarial Seal, this 10 day of Notary Public |
| My Commission | Expires: 8 8 2005 | 5 |

RECORDED: 11/2/1/2003

PATENT REEL: 014751 FRAME: 0632