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02-20-2003



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| 1. Name of conveying party(ies): 2-13-03   | 2. Name and address of receiving party(ies):   |  |
| Kenichirou SAITOU, Iwao ANZAI, Osamu SADAKANE and  | Name: NIPPON OIL CORPORATION   |  |
| Michiro MATSUBARA  | Address: 3-12, Nishi-shimbashi 1-chome,  |  |
| Additional name(s) of conveying party(ies) attached? □Yes ■No  | Minato-ku, Tokyo 105-8412 JAPAN  |  |
| 3. Nature of Conveyance:   |  |  |
| ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other  |  |  |
| Execution Date: September 24, 2002   | Additional name(s) and address(es) attached? □Yes ■No  |  |
| 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) 10/240,743  | B. Patent No.(s)   |  |
| Additional numbers atta  | ched? □Yes ■No   |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  | 6. Total applications and patents involved: 1  |  |
|  | 7. Total fee (37 CFR 3.41): \$40.00  ■ Enclosed □ Authorized to be charged to deposit account      |  |
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| Norman F. Oblon  | 2/13/03  |  |
|  | Signature Date   |  |
| Registration Number: 24,618 Holand Registratio Total number of pages including this  | E. Martin<br>on No. 48,082<br>cover sheet: 3   |  |
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**PATENT REEL: 013754 FRAME: 0920** 

## Assignment Of Application

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|  | WHEREAS, I (WE) Kenichirou SAITOU residing at c/o NIPPON OIL  |  |
|--|---|--|
| NOTE - NA - 4 - 7 - 7  | CORPORATION, CENTRAL TECHNICAL RESEARCH LABORATORY 8, Chidori-cho.  |  |
| NSERT NAMES<br>AND RESIDENCE<br>ADDRESSES OF<br>THE INVENTORS: | Naka-ku, Yokohama-shi, Kanagawa 231-0815 JAPAN,   |  |
|  | Iwao ANZAI residing at c/o NIPPON OIL CORPORATION. CENTRAL TECHNICAL  |  |
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|  | Osamu SADAKANE residing at c/o NIPPON OIL CORPORATION, CENTRAL  |  |
|  | TECHNICAL RESEARCH LABORATORY, 8, Chidori-cho, Naka-ku,   |  |
|  | Yokohama-shi, Kanagawa 231-0815 JAPAN and   |  |
|  | Michiro MATSUBARA residing at c/o NIPPON OIL CORPORATION, CENTRAL   |  |
|  | TECHNICAL RESEARCH LABORATORY 8, Chidori-cho, Naka-ku Yokohama-shi, Kanagawa 231-0815 JAPAN   |  |
|  |   |  |
|  | , respectively,   |  |
| NSERT TITLE<br>OF INVENTION:                                   | have invented certain new and useful improvements in:FUEL FOR USE IN A FUEL   |  |
|  | CELL SYSTEM   |  |
| NSERT DATE IN-<br>VENTORS SIGNED<br>DECLARATION:               | for which an application for Letters Patent was executed on September 24, 2002  |  |
|  | (Application No10/240,743, filed _October 10, 2002), and  |  |
| NSERT NAME<br>AND ADDRESS OF<br>COMPANY OR                     | WHEREAS, NIPPON OIL CORPORATION   |  |
| OTHER ASSIGNEE:  | (hereinafter referred to as "ASSIGNEE") having a place of business at: 3-12,  |  |
|  | Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 JAPAN ,  |  |
|  | is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in |  |

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, 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 divisions, reissues, continuations, substitutions and renewals thereof.

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any and all foreign countries;

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and 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 by me (us) had this Assignment and sale not been made.

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

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| Date: September 24, 2002 | Kenichiron Suton (Signature of Inventor) Kenichirou SAITOU |
|--------------------------|--|
| •                        |  |
| Date: September 24, 2002 | (Signature of Inventor) Iwao ANZAI                         |
| •                        | (Signature of Inventor) Iwao ANZAI                         |
| Date: September 24, 2002 | (Signature of Inventor) Osamu SADAKANE                     |
| ,                        | (Signature of Inventor) Osamu SADAKANE                     |
| Date: September 24. 2002 | michiro matsubara  |
|                          | (Signature of Inventor) Michiro MATSUBARA                  |
|                          |  |
| Date:                    | (Signature of Inventor)                                    |
|                          |  |
| Date:                    | (Signature of Inventor)                                    |
|                          |  |
| Date:                    |  |
|                          | (Signature of Inventor)                                    |
|                          |  |
| Date:                    | (Signature of Inventor)                                    |
|                          |  |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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**RECORDED: 02/13/2003** 

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