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| 1. NAME OF CONVEY | ING PARTY(IES) (A | ASSIGNOR(S)): | | · Ly | E T |
| 1. DAY, Michael John 2. GARDNER, Fredericl 3. CASSIDY, Mark | < James | | 4. BRANDON, Nigel 5. HART, Nigel Thoma 6. | as in | 40EMARK C |
| ADDITIONAL NAME(S) | OF CONVEYING F | PARTY(IES) ATTA | CHED? YES | XNO | |
| 2. PARTY(IES) (ASSIGNAME: Rolls-Royce plo 65 Buckinghar London SW1E England | r Gate E 6AT | | □YES | [v | 7no |
| ADDITIONAL NAME(3) | & ADDITESS(ES) / | ATTACILD: | | | |
| 3. NATURE OF CONVI (Submit herewith only is one_document) x ASSIGNMENT CHANGE OF | r one document for x WHOL | recordation mult | <i>A/</i> 15/03 | ignment signed | |
| 4. EXECUTION DATE(| S) ON THE DECLA | ADATION IE EII ED | HEDEWITH: (NOTE: II | E DATES 11 DIE | CED |
| SEE ATTY!): | 3) ON THE DECEA | MATION II FILED | HERLWITT. (NOTE. II | PDATES IV DIF | TER |
| 4.5 APPL. NO.(S) OR F | PAT NO.(S). OTHE | ERS ON ADDITION | NAL SHEET(S) attached | ? YES | X NO |
| A. PAT. APP. NO.(S) series code/serial no | M# | 1ST INVENTOR if not in item 1 | B. PATENT NO(S) | M# | 1ST INVENTOR if not in item 1 |
| 10/405,466 8/01/2008 SDIREY#1 0000005 | | | | | |
| 5. Name & Address of I | arty to Whom Cor | respondence | 6. NUMBER INVOLVE | D: | |
| Concerning Documer | it Snould be Malled | : | APPLNS_1_ + PATS | S: = TOTAL <u>1</u> | |
| Manelli, Denison & Selte | er PLLC | | 7. AMOUNT OF FEE | ENCLOSED: (Co | ode 581) |
| SEVENTH FLR. 2000 M STREET N.W. WASHINGTON, D.C. 20 Att: Warren Taltavull | | | ABOVE TOTAL X \$ | 40 = \$ 40 | |
| 5.5 ATTY DKT | | | 8. IF ABOVE FEE IS N CHARGE INSUFFICIE NUMBER: 50-0687 | MISSING OR IN NCY TO DEPO | ADEQUATE SIT ACCOUNT |
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| 9. STATEMENT AND S To the best of my kno copy of the griginal docu | wledge/and belief. | the foregoing infor | mation is true and corre | ct and any attacl | ned copy is a true |
| Signature | fun | cover | otal number of pages in sheet, attachments and ot file dup. Cover sheet) | cluding this document | 5 |
| Attorney: W. Warren | Taltavull | <u> </u> | | | |
| Reg. No. 25647 | | | Date: Novemb | er 25, 2003 | • |
| Atty/Sec: | TEL: (202) 26 | 1-1047 | Fax: (20 | 2) 887-0336 | |

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PATENT

REEL: 014747 FRAME: 0534

USA Patent Appln. Sole or Joint For Inventions made outside USA executed with or after application

Atty. Dkt. 73155 2547

M# Client Ref.

Manelli, Denison & Selter PLLC 2000 M Street N.W. 7th Floor Washington, D.C. 20036

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONA

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to the undersigned, to wit:

| (1) Michael John Day | (4) Nigel Brandon |
|-----------------------------|------------------------------|
| (2) Frederick James Gardner | (5) Nigel Thomas Hart |
| (3) Mark Cassidy | X box it continued on page 2 |

INSERT NAME(S) OF INVENTOR(S)

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

| INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES) | Rolls-Royce pic, a British Company of |
|--|---------------------------------------|
| | 65 Buckingham Gate |
| | London |
| | SW1E 6AT |
| | England |

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION

A SOLID OXIDE FUEL CELL COMPONENT AND A METHOD OF MANUFACTURING A SOLID OXIDE FUEL CELL COMPONENT

For which the undersigned executed an application for Letters Patent of the United States of America:

| <u>NOTE</u> | (A) [] even date herewith | |
|----------------------|---|---------|
| (COMPLETE | (B)[] on | |
| LINES A.B, AND/OR C) | (C) [X] in U.S. Application No. /0 / 405, 466 | _ filed |

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE/S full protection and title in and to the invention hereby transferred. The undersigned hereby authorize(s) Manelli, Denison & Selter PLLC, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| | INVENTOR(S) | DATE SIGNED | <u>WITNESSES</u> |
|---------------|-------------------------|---------------|------------------|
| 1) M Name: | Michael Johnson | 26 April 2003 | D.K. Cimos. |
| 2) | Frederick James Gardner | | |
| 3) Name: | Mark Cassidy | | |
| | Nigel Brandon | | |
| 5) Name: | Nigel Thomas Hart | | |

IF ADDITIONAL INVENTORS, check box [] and continue on page 2.

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| | (2) Frederick James Gardner | (5) Nigel Thomas Hart | |
| | (3) Mark Cassidy | [] X box if continued on page 2 | |
| INSERT NAME(S) OF INVENTOR(S) | | | |
| the receipt and of, hereby sell(| sufficiency of which are hereby acknowledged s), assign(s) and transfer(s) unto: | by the undersigned who at the request | |
| | Rolls-Royce plc, a British Company of | | |
| INSERT | 65 Buckingham Gate | | |
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| & ADDRESS(ES) | SW1E 6AT | | |

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NOTE

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| | INVENTOR(S) | DATE SIGNED | WITNESSES |
|----------------------------|--|----------------------------|-----------|
| 1) Name: 2) Name: | Michael John Day Ledevick J Cravel Frederick James Gardner | m 13/1/200 | 03 SPER |
| | Mark Cassidy | | |
| | Nigel Brandon | | |
| | Nigel Thomas Hart | | |
| IF ADDI | TIONAL INVENTORS, check bo | x [] and continue on page | ge 2. |

PATENT

REEL: 014747 FRAME: 0536

Please return signed/recorded to:

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| | M# | Client Ref. |

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| (3) Mark Cassidy | [] X box if continued on page 2 |

INSERT NAME(S) OF INVENTOR(S)

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NOTE

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| | INVENTOR(S) | DATE SIGNED | <u>WITNESSES</u> |
|-------------|-------------------------|---------------|------------------|
| 1) Name: | Michael John Day | | |
| 2) Name: | Frederick James Gardner | | |
| 3) Name: | Mark Cassidy | 23 April 2003 | Aleuel. |
| 4) Name: | Nigel Brandon | | /1) |
| 5) Name: | Niger Thomas Hart | 23 April 2003 | gliciel. |

IF ADDITIONAL INVENTORS, check box [] and continue on page 2.

PATENT

REEL: 014747 FRAME: 0537

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For Inventions made outside USA executed with or after application

2547 Atty. Dkt. 73155 Client Ref.

Manelli, Denison & Selter PLLC

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| | (2) Frederick James Gardner | | (5) Nigel Thomas Hart | | |
| | (3) Mark Cassidy | | X box if continued on page 2 | | |
| INSERT NAME(S) OF INVENTOR(S) | | | | | |
| the receipt and of, hereby sell(| sufficiency of which are s), assign(s) and transfe | hereby acknowledged b r(s) unto: | y the undersigned who at the | ∍ request | |
| Rolls-Royce plc, a British Company of | | | | | |
| INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES) | 65 Buckingham Gate | | | | |
| | London SW1E 6AT | | | | |
| | England | | | | |
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| States of Ameri | For which the undersignica: | ned executed an applica | tion for Letters Patent of the | United | |
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| LINES A.B, AND/OR C) (C) [X] in U.S. Application No. /0 / 405, 466 filed | | | | | |
| NOTE → → | The undersigned hereb | v authorize(s) Manelli. D | request(s) the United States Patent to the said ASSIGNE sentatives; the undersigned a ct on behalf of said ASSIGNE and execute any papers for deemed essential by ASSIGNE by transferred. Denison & Selter PLLC, of the desirable for recordation of the | e above | |
| INVEN | TOR(S) | DATE SIGNED | WITNESSES | | |
| Name: Michae | el John Day | | | | |
| 2) Name: Freder | ick James Gardner | | | | |
| Name: Mark C | | 1564 April 2003 | The Real | | |
| Name: Nigel E | Brandon | | - Y | | |

IF ADDITIONAL INVENTORS, check box [] and continue on page 2.

5) Name: Nigel Thomas Hart

RECORDED: 11/25/2003

PATENT REEL: 014747 FRAME: 0538