

PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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|-----------------------|----------------|
| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

CONVEYING PARTY DATA

| Name               | Execution Date |
|--------------------|----------------|
| CellTech Power LLC | 08/07/2012     |

RECEIVING PARTY DATA

|                 |                    |
|-----------------|--------------------|
| Name:           | SOFC Holdings LLC  |
| Street Address: | 1209 Orange Street |
| City:           | Wilmington         |
| State/Country:  | DELAWARE           |
| Postal Code:    | 19801              |

PROPERTY NUMBERS Total: 35

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 09033923 |
| Application Number: | 09819886 |
| Application Number: | 10744231 |
| Application Number: | 60197998 |
| Application Number: | 09837864 |
| Application Number: | 10627329 |
| Application Number: | 10627330 |
| Application Number: | 12625881 |
| Application Number: | 13075256 |
| Application Number: | 60300800 |
| Application Number: | 10744602 |
| Application Number: | 60331710 |
| Application Number: | 10300687 |
| Application Number: | 60354715 |
| Application Number: | 60391626 |

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|                     |              |
|---------------------|--------------|
| Application Number: | 10913152     |
| Application Number: | 60477281     |
| Application Number: | 60511729     |
| Application Number: | 10966455     |
| Application Number: | 11167079     |
| Application Number: | 11294676     |
| Application Number: | 11800050     |
| Application Number: | 13075301     |
| Application Number: | 60492924     |
| Application Number: | 10913009     |
| Application Number: | 60927434     |
| Application Number: | 12114711     |
| Application Number: | 60927435     |
| Application Number: | 12114684     |
| PCT Number:         | US1999004741 |
| PCT Number:         | US2001012616 |
| PCT Number:         | US2002020099 |
| PCT Number:         | US2002037290 |
| PCT Number:         | US2003003642 |
| PCT Number:         | US2004018733 |

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 30311-10

NAME OF SUBMITTER: Patricia L. Henderson

Total Attachments: 4  
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source=Executed\_Assignment\_from\_CellTech\_Power\_LLC\_to\_SOFC\_Holdings\_LLC\_#page4.tif

## ASSIGNMENT

WHEREAS, CellTech Power LLC, whose address is 131 Flanders Road, Westborough, MA 01581, ("*Assignor*") is the owner of the entire right, title and interest in and to the patents and patent applications listed in the attached Exhibit A ("*Patents and Patent Applications*") and to the inventions therein described ("*Inventions*"), except that the assignment of U.S. Pat. No. 7,745,064, executed by Wei Bai, one of the inventors, incorrectly listed Assignor's jurisdiction of formation and is potentially ineffective; and

WHEREAS, SOFC Holdings LLC, a Delaware Limited Liability Company ("*Assignee*"), is desirous of acquiring Assignor's entire right, title and interest in and to the Patents and Patent Applications and the Inventions; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor, intending to be legally bound, does hereby assign and transfer to the Assignee, the entire right, title and interest in the Patents and Patent Applications and Inventions, as qualified above, including any and all national stage applications, continuations, divisionals, continuations-in-part and any other applications claiming priority to the Patents and Patent Applications listed in Exhibit A and all rights to claim priority based thereon, all rights to file foreign applications on the Inventions, and all letters patents and reissues thereof, issuing for the Inventions in the United States of America and in any and all foreign countries, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; together with all income, royalties, damages or payments due or payable, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents and Patent Applications and Inventions, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

It is agreed that the Assignor shall be legally bound, upon reasonable request of the Assignee, or its successors, assigns or legal representatives, to supply information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of the Patents and Patent Applications and Inventions, to testify in any legal proceeding relating thereto, to execute all instruments proper to prosecute the Patents and Patent Applications or patent the Inventions in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

Assignor hereby requests the Commissioner of Patents and Trademarks to record Assignee as the assignee and owner of the Patents and Patent Applications and Inventions.

[End of Page. Signatures Follow.]



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IN WITNESS WHEREOF, intending to be legally bound hereby, Assignor has duly executed this Assignment.

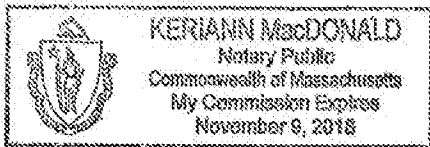
CellTech Power LLC

Dated: August 7, 2012

By: Jeffrey M. Bentley  
Name: Jeffrey M. Bentley  
Title: CEO

This 7 day of August, 2012, before me personally came the before-mentioned known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed, and in the capacity therein set forth.

Witness my hand and Notarial seal the day and year immediately above-written.



Keriann MacDONALD  
Notary Public

A. J. M. B.  
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**Exhibit A**

| APPLICATION NO.   | PATENT NO. or PUBLICATION NO. <i>(Italics)</i> | ISSUE DATE or FILING DATE <i>(Italics)</i> | TITLE   | JURISDICTION   | STATUS       |
|-------------------|--|--|---|----------------|--------------|
| 09/033923         |  | 3/3/1998                                   | Carbon-oxygen fuel cell and method                        | US             | Abandoned    |
| PCT/US1999/004741 | WO1999/045607                                  | 3/3/1999                                   | A carbon-oxygen electricity-generating unit               | WO             | Nationalized |
| 09/819886         | 6,692,861                                      | 2/17/2004                                  | Carbon-oxygen fuel cell                                   | US             | Patented     |
| 10/744231         | 20040156398                                    | 12/23/2003                                 | Carbon-oxygen fuel cell                                   | US             | Abandoned    |
| 60/197988         |  | 4/18/2000                                  | Dual-mode, chemically rechargeable electrochemical device | US Provisional | Expired      |
| 09/637864         | 20020015871                                    | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | US             | Abandoned    |
| PCT/US2001/012615 | WO2001/080335                                  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | WO             | Nationalized |
| AU 2001253649     |  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Australia      | Abandoned    |
| BR P10110164-1    | BR0110164                                      | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Brazil         | Abandoned    |
| CA 2406312        | CA2406312                                      | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Canada         | Abandoned    |
| CN 01809684.0     | CN1429417                                      | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | China          | Abandoned    |
| EP 01927172.5     | EP 1277251                                     | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Europe         | Abandoned    |
| ID W00200202621   |  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Indonesia      | Abandoned    |
| IN 2002/01309     |  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | India          | Abandoned    |
| JP 2001-577627    | JP2004-501483                                  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Japan          | Abandoned    |
| KR 2002-7014095   |  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | South Korea    | Abandoned    |
| MX 2002/010277    | MXPA02010277                                   | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Mexico         | Abandoned    |
| NZ 522122         |  | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | New Zealand    | Abandoned    |
| RU 2002/130712    | RU2002130712                                   | 4/18/2001                                  | Electrochemical device and methods for energy conversion  | Russia         | Abandoned    |
| ZA 2002/8611      | ZA200208611                                    | 12/31/2003                                 | Electrochemical device and methods for energy conversion  | South Africa   | Abandoned    |
| 10/627329         |  | 7/25/2003                                  | Electrochemical device and methods for energy conversion  | US             | Abandoned    |
| 10/627330         | 7,678,484                                      | 3/16/2010                                  | Electrochemical device and methods for energy conversion  | US             | Patented     |
| 12/625881         | 7,543,271                                      | 5/17/2011                                  | Electrochemical device and methods for energy conversion  | US             | Patented     |
| 13/075256         | 20110177413                                    | 3/30/2011                                  | Electrochemical device and methods for energy conversion  | US             | Pending      |

[Exhibit A continued on next page]

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| APPLICATION NO.   | PATENT NO. or PUBLICATION NO. (Italics) | ISSUE DATE or FILING DATE (Italics) | TITLE   | JURISDICTION   | STATUS       |
|-------------------|---|-------------------------------------|---|----------------|--------------|
| 60/300,800        |   | 6/25/2001                           | Electrode Layer Arrangements in an Electrochemical Device                       | US Provisional | Expired      |
| PCT/US2002/020099 | WO/2003/001617                          | 6/25/2002                           | Electrode Layer Arrangements in an Electrochemical Device                       | WO             | Nationalized |
| 10/744602         | 20040202924                             | 12/23/2003                          | Electrode layer arrangements in an electrochemical device                       | US             | Abandoned    |
| 60/331710         |   | 11/20/2001                          | Electrochemical system and methods for control thereof                          | US Provisional | Expired      |
| PCT/US2002/037290 | WO/2003/044887                          | 11/20/2002                          | An electrochemical system and methods for control thereof                       | WO             | Nationalized |
| 10/350687         | 7,229,710                               | 6/12/2007                           | Electrochemical system and methods for control thereof                          | US             | Patented     |
| 60/354715         |   | 2/6/2002                            | Current collectors for a liquid electrode                                       | US Provisional | Expired      |
| 60/391626         |   | 6/26/2002                           | Current collectors  | US Provisional | Expired      |
| PCT/US2003/003642 | WO/2003/067683                          | 2/6/2003                            | Current collectors  | WO             | Nationalized |
| 10/313152         |   | 8/6/2004                            | Current collectors  | US             | Abandoned    |
| EP 03713379.0     |   | 8/6/2004                            | Current collectors  | Europe         | Abandoned    |
| JP 2003-566920    |   | 8/6/2004                            | Current collectors  | Japan          | Abandoned    |
| 60/477281         |   | 6/10/2003                           | Oxidation facilitator   | US Provisional | Expired      |
| 60/511729         |   | 10/16/2003                          | Components for electrochemical devices including multi-unit device arrangements | US Provisional | Expired      |
| PCT/US2004/018733 | WO/2004/112175                          | 6/10/2004                           | Oxidation facilitator   | WO             | Nationalized |
| 10/966455         |   | 10/15/2004                          | Components for electrochemical devices including multi-unit device arrangements | US             | Abandoned    |
| 11/167079         | 20060040167                             | 6/24/2005                           | Components for electrochemical devices including multi-unit device arrangements | US             | Abandoned    |
| 11/294675         | 7,745,064                               | 6/29/2010                           | Oxidation facilitator   | US             | Patented     |
| 11/800050         | 7,943,270                               | 5/17/2011                           | Electrochemical device configurations   | US             | Patented     |
| 13/075931         | 20110311900                             | 3/30/2011                           | Electrochemical device configurations   | US             | Abandoned    |
| 60/492,524        |   | 8/5/2003                            | Electroplating systems and methods  | US Provisional | Expired      |
| 10/913,009        |   | 8/5/2004                            | Electroplating systems and methods  | US             | Abandoned    |
| 60/927434         |   | 5/2/2007                            | Porous ceramic materials  | US Provisional | Expired      |
| 12/114711         | 20090166214                             | 5/2/2009                            | Porous ceramic materials  | US             | Abandoned    |
| 60/927435         |   | 5/2/2007                            | Cathode arrangements for fuel cells and other applications                      | US Provisional | Expired      |
| 12/114684         | 20090029199                             | 5/2/2008                            | Cathode arrangements for fuel cells and other applications                      | US             | Pending      |

*JMB*

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