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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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10/556536



103250836

11/14/05

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Satoshi OHNUMA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 22 September 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: TOYOTA JIDOSHA KABUSHIKI KAISHA

Internal Address: \_\_\_\_\_

Street Address: 1, Toyota-cho, Toyota-shi, Aichi-ken

JAPAN 471-8571

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☒ Yes ☐ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

10/556536

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: William E. Curry

Internal Address: KENYON &amp; KENYON

Street Address: 1500 K Street, N.W., Suite 700

City: Washington

State: DC Zip: 20005

Phone Number: 202-220-4200

Fax Number: 202-220-4201

Email Address: WCurry@Kenyon.com

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 11-0600

Authorized User Name William E. Curry

**9. Signature:**

Signature

14 November 2005

Date

William E. Curry

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 017929 FRAME: 0525

## **ASSIGNMENT**

WHEREAS, I,

Satoshi OHNUMA  
c/o Toyota Jidosha Kabushiki Kaisha  
1, Toyota-cho  
Toyota-shi, Aichi-ken 471-8571, JAPAN

(hereinafter also referred to as "the Assignor"); have invented new and useful improvements in a **FUEL CELL**, for which an International Patent Application was filed in Japan on 27 April 2004 under Application No. PCT/JP04/06090, Publication No. WO 2004/102712 A2; and

WHEREAS, **TOYOTA JIDOSHA KABUSHIKI KAISHA**, a company organized under and by virtue of the laws of Japan, with a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, JAPAN, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW, THEREFORE, in consideration of the equivalent of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee

or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal  
this 22 day of September, 2005.

Satoshi Ohnuma  
Name: Satoshi OHNUMA

WITNESSED BY:

Hiroyuki Uchida  
Name Hiroyuki Uchida

c/o TOYOTA JIDOSHA KABUSHIKI KAISHA  
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan  
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