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05-24-2006

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

103243727

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):**

Samuel B. Schaevitz (04/06/2006), Aleksander Franz (04/06/2006), Roger Barton (04/11/2006), and Alan P. Ludwiszewski (04/06/2006)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: LILLIPUTIAN SYSTEMS INC.

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

Street Address: \_\_\_\_\_

36 Jonspin Road

City: WilmingtonState: MassachusettsCountry: United States of America Zip: 01887Additional name(s) & address(es) attached: ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): in parentheses after inventor name☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_**4. Application or patent number(s):**

A. Patent Application No.(s)

This application

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Edward J. Kelly  
ROPES & GRAY LLPInternal Address: Atty. Dkt.: 103667-0004-102Street Address: One International PlaceCity: BostonState: MA Zip: 02110-2624Phone Number: (617) 951-7532Fax Number: (617) 951-7050Email Address: ekelly@ropesgray.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 18-1945Authorized User Name Edward J. Kelly**9. Signature:**

Signature

Edward J. Kelly - 38,936

May 18, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 6

05/24/2006 DBYRNE

00000014 181945 11436324 of Person Signing

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV521704485US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 5-18-06Signature: Dawn Class (Dawn Class)

## ASSIGNMENT

WHEREAS, we, Samuel B. Schaevitz, Aleksander Franz, Roger Barton, and Alan P. Ludwiszewski, have invented a certain improvement in Fuel Cell Apparatus and Methods described in an application for Letters Patent of the United States, the specification of which:

- ☒ is being executed on even date herewith; and is about to be filed in the United States Patent Office;
- ☐ was filed on **[FILING DATE]** as Application No. **[APPLICATION SERIAL NUMBER]**
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, Lilliputian Systems, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the state of Delaware, having principal offices at 36 Jonspin Road, Wilmington, MA 01887, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any

and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_

**Samuel B. Schaevitz**

State of MA )  
County of MIDDLESEX )

Then personally appeared before me the above-named **Samuel B. Schaevitz** and acknowledged that **he** executed the foregoing instrument as **his** free act and deed this 6TH day of April, 2006.

(SEAL)

\_\_\_\_\_  
Notary Public

My commission expires MAY 18 2011

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_

**Aleksander Franz**

State of MA )  
 County of Minister )

Then personally appeared before me the above-named **Aleksander Franz** and acknowledged that **he** executed the foregoing instrument as **his** free act and deed this 6th day of April, 2006.

(SEAL)

[Signature]  
 Notary Public

My commission expires May 18 2011

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_

**Roger Barton**

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ )

Then personally appeared before me the above-named **Roger Barton** and acknowledged that **he** executed the foregoing instrument as **his** free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

(SEAL)

\_\_\_\_\_  
 Notary Public

My commission expires \_\_\_\_\_

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_  
**Aleksander Franz**

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ )

Then personally appeared before me the above-named **Aleksander Franz** and acknowledged that **he** executed the foregoing instrument as **his** free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

(SEAL)

\_\_\_\_\_  
 Notary Public

My commission expires \_\_\_\_\_

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: Roger Barton  
**Roger Barton**

State of Massachusetts  
 County of Essex )

Then personally appeared before me the above-named **Roger Barton** and acknowledged that **he** executed the foregoing instrument as **his** free act and deed this 11th day of April, 2006.

(SEAL)

Kelly Denini  
 Notary Public

My commission expires 12/15/06

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

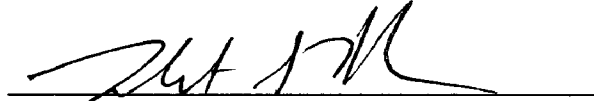
Inventor's Signature:

  
Alan P. Ludwiszewski

State of MA )  
County of MIDDLESEX )

Then personally appeared before me the above-named **Alan P. Ludwiszewski** and  
acknowledged that **he** executed the foregoing instrument as **his** free act and deed this  
6<sup>TH</sup> day of APRIL, 2006.

(SEAL)

  
Notary Public

My commission expires MAY 18 2011