

43/4



To the Honorable Commissioner of Patents

103212879

ached original documents or copy thereof.

1. Name of conveying party(ies)/Execution Dates:  
**Jesse S. Wainright; Laurie A. Dudik and Chung-Chiun Liu**

Execution Date(s): **March 23, 2006; March 14, 2006 and March 14, 2006**

Additional name(s) of conveying party(ies) attached  Yes  No

2. Name and address of receiving party(ies):  
 Name: **Case Western Reserve University**

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

Street Address: **10900 Euclid Avenue**

City: **Cleveland** State: **OH** Zip: **44106**

Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other: \_\_\_\_\_

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): 11/226,139, filed September 14, 2005

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached?  Yes  No

RECORDS SECTION  
MAR 23 2006 9:29 AM

5. Name and address to whom correspondence concerning document should be mailed:

Name: **Richard S. Wesorick**

Internal Address: **Tarolli, Sundheim, Covell, & Tummino L.L.P.**

Street Address: **1300 East Ninth Street, Suite 1700**

City: **Cleveland** State: **OH** Zip: **44114-1400**

Phone Number: **(216) 621-2234**

Fax Number: **(216) 621-4072**

Email Address: **RWesorick@Tarolli.com**

6. Total number of applications and patents involved: **1**

7. Total fee (37 1.21(h) & 3.41).....**\$40.00**

Enclosed is a check for the amount indicated above.

Authorized to be charged to deposit account.

Authorized to be charged by credit card

None required (government interest not affecting title)

8. Payment Information

a. Credit Card: Last 4 Numbers \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
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b. Deposit Account No.: 20-0090  
**(charge for insufficient fees only)**

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9. Signature:

**Richard S. Wesorick**  
Name of Person Signing  
Reg. No. 40,871

Signature

**3/31/06**  
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail Documents to be recorded with required cover sheet information to:  
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Washington D.C. 20231

04/04/2006 DBYRNE 00000076 11226139

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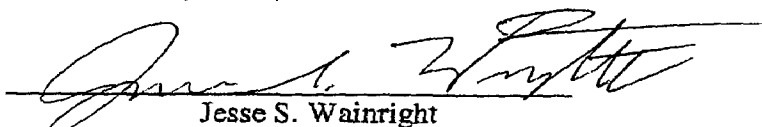
ASSIGNMENT

WHEREAS, we, Jess S. Wainright, Laurie A. Dudik and Chung-Chium Liu of Willoughby Hills, County of Lake, State of Ohio; of South Euclid, County of Cuyahoga, State of Ohio; and of Cleveland Heights, County of Cuyahoga, State of Ohio respectively, have made new and useful improvements in **LIGHT-WEIGHT, FLEXIBLE EDGE COLLECTED FUEL CELLS**; for which application for Letters Patent of the United States has been filed on September 14, 2005, under Serial No. 11/226,139; and

WHEREAS, Case Western Reserve University, a tax-exempt nonprofit organization duly organized and existing under the laws of the State of Ohio, having a place of business at Cleveland, County of Cuyahoga, State of Ohio, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

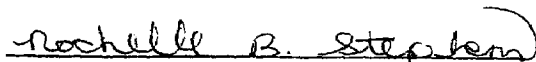
NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we the said Jess S. Wainright, Laurie A. Dudik and Chung-Chium Liu do hereby assign, sell and set over unto the said Case Western Reserve University, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 11/226,139, for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said Case Western Reserve University, its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said Case Western Reserve University, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said Case Western Reserve University, its successors or assigns.

Signed at  
County of Cuyahoga and State of Ohio  
This 23<sup>rd</sup> day of March, 2006.

  
Jesse S. Wainright

STATE OF )  
                  )  
COUNTY OF )

On this 23<sup>rd</sup> day of March, 2006.  
Personally appeared before me Jesse S. Wainright to me known to be the person named in and who executed the above instrument, and acknowledged to me that she executed the same for the uses and the purposes therein mentioned.

  
Notary Public

ROCHELLE B. STEPHENS  
Notary Public, State of Ohio, Cuy. Cty.  
My commission expires Oct. 20, 2007

Signed at Cleveland  
County of Cuyahoga  
This 14th

and State of Ohio  
day of March, 20 06

Laurie A. Dudik  
Laurie A. Dudik

STATE OF Ohio )  
COUNTY OF Cuyahoga )

On this 14th day of March, 2006  
Personally appeared before me Laurie A. Dudik to me known to be the person named in and who executed the above instrument, and acknowledged to me that she executed the same for the uses and the purposes therein mentioned.

Elizabethanne Murray  
Notary Public  
ELIZABETHANNE MURRAY  
NOTARY PUBLIC  
STATE OF OHIO  
COMM. EXPIRES 6/3/08

Signed at Cleveland  
County of Cuyahoga  
This 14th

and State of Ohio  
day of March, 20 06

Chung-Chiun Liu  
Chung-Chiun Liu

STATE OF Ohio )  
COUNTY OF Cuyahoga )

On this 14th day of March, 2006  
Personally appeared before me Chung-Chiun Liu to me known to be the person named in and who executed the above instrument, and acknowledged to me that she executed the same for the uses and the purposes therein mentioned.

Elizabethanne Murray  
Notary Public  
ELIZABETHANNE MURRAY  
NOTARY PUBLIC  
STATE OF OHIO  
COMM. EXPIRES 6/3/08

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Jesse A. Wainright et al.

Application No.: 11/226,139 Group No.: 1746

Filed: September 14, 2005 Examiner: TBD

For: **LIGHT-WEIGHT, FLEXIBLE EDGE COLLECTED FUEL CELLS**

MS Assignment Recordation Services  
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P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**Date of Deposit March 31, 2006

I hereby certify that the following *attached* papers and/or fee are being deposited with the United States Postal Service "on the date indicated above and is addressed to Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450:

1. A Recordation Form Cover Sheet for PATENTS ONLY (1 pg.);
2. An executed Assignment (2 pgs.); and
3. A check in the amount of \$40 to cover fees.

March 31, 2006

Date

Anita J. Galo

(type or print name of person signing certification)



Signature

NOTE: Each paper must have its own certificate of mailing or this certificate must identify each submitted paper..