

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jesse Wainright	04/26/2007
Joe H. Payer	07/06/2007
Chung-Chiun Liu	05/09/2007
Laurie Dudik	05/09/2007
Xi Shan	06/27/2007
Seth Levine	09/19/2007
RECEIVING PARTY DATA	
Name:	Case Western Reserve University
Street Address:	10900 Euclid Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44106
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10763730
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	216.621.2234
Email:	jsherrill@tarolli.com
Correspondent Name:	Richard A. Sutkus
Address Line 1:	1300 East Ninth Street
Address Line 2:	Suite 1700
Address Line 4:	Cleveland, OHIO 44114
ATTORNEY DOCKET NUMBER:	CWR-7816NP

OP \$40.00 10763730

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**PATENT
REEL: 019978 FRAME: 0601**

NAME OF SUBMITTER:

Richard A. Sutkus

Total Attachments: 6

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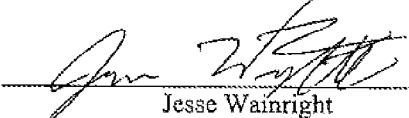
ASSIGNMENT

~~X~~5. WHEREAS, we, Jesse Wainright, Joe H. Payer, Chung-Chiun Liu, Laurie Dudkik, Xi Shank and Seith Levine of Willoughby, County of Lake, State of Ohio; of Brecksville, County of Cuyahoga, State of Ohio; of Cleveland, County of Cuyahoga, and State of Ohio; of South Euclid, County of Cuyahoga, State of Ohio; of Cleveland, County of Cuyahoga, State of Ohio; and of Evanston, County of Cook, and State of Illinois respectively, have made new and useful improvements in **MICROFABRICATED HYDROGEN STORAGE DEVICE AND METAL HYDRIDE FUEL CELL/BATTERY**; for which application for Letters Patent of the United States has been filed on January 23, 2004, under Serial No. 10/763,730; 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 Jesse Wainright, Joe H. Payer, Chung-Chiun Liu, Laurie Dudkik, Xi Shank and Seith Levine 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. 10/763,730, 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 Lake
This 26th day of April and State of Ohio, 2007.



Jesse Wainright

STATE OF)
)
COUNTY OF)

On this 26th day of April, 2007
Personally appeared before me Jesse Wainright to me known to be the person named in and who executed the above instrument, and acknowledged to me that he 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

ASSIGNMENT

Dudik Redundant 1/25/07
X WHEREAS, we, Jesse Wainright, Joe H. Payer, Chung-Chiun Liu, Laurie ~~Dudik~~, Xi Shank and Seith Levine of Willoughby, County of Lake, State of Ohio; of Brecksville, County of Cuyahoga, State of Ohio; of Cleveland, County of Cuyahoga, and State of Ohio; of South Euclid, County of Cuyahoga, State of Ohio; of Cleveland, County of Cuyahoga, State of Ohio; and of Evanston, County of Cook, and State of Illinois respectively, have made new and useful improvements in **MICROFABRICATED HYDROGEN STORAGE DEVICE AND METAL HYDRIDE FUEL CELL/BATTERY**; for which application for Letters Patent of the United States has been filed on January 23, 2004, under Serial No. 10/763,730; 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 Jesse Wainright, Joe H. Payer, Chung-Chiun Liu, Laurie ~~Dudik~~, Xi Shank and Seith Levine 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. 10/763,730, 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 _____ and State of _____
This _____ day of _____, 20 .

STATE OF _____)
COUNTY OF _____)
Jesse Wainright

On this _____ day of _____, 20 .
Personally appeared before me Jesse Wainright to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Notary Public

9/18/07

Jesse Wainright
ASSIGNMENT

Dudik 9/18/07

WHEREAS, we, Jesse Wainright, Joe H. Payer, Chung-Chiun Liu, Laurie ~~Dudik~~, Xi Shank and ~~Seith~~ Levine of Willoughby, County of Lake, State of Ohio; of Brecksville, County of Cuyahoga, State of Ohio; of Cleveland, County of Cuyahoga, and State of Ohio; of South Euclid, County of Cuyahoga, State of Ohio; of Cleveland, County of Cuyahoga, State of Ohio; and of Evanston, County of Cook, and State of Illinois respectively, have made new and useful improvements in **MICROFABRICATED HYDROGEN STORAGE DEVICE AND METAL HYDRIDE FUEL CELL/BATTERY**; for which application for Letters Patent of the United States has been filed on January 23, 2004, under Serial No. 10/763,730; 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 Jesse Wainright, Joe H. Payer, Chung-Chiun Liu, Laurie ~~Dudik~~, Xi Shank and ~~Seith~~ Levine 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. 10/763,730, 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 _____ and State of _____
This _____ day of _____, 20 _____

Jesse Wainright
STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 20 _____
Personally appeared before me Jesse Wainright to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Notary Public


Signed at CWRU
County of Cuyahoga and State of Ohio
This 6th day of July, 2007.



Joe H. Payer

STATE OF Ohio)
COUNTY OF Cuyahoga)

On this 6th day of July, 2007
Personally appeared before me Joe H. Payer to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



Notary Public

DANIEL J. PENDERGAST
Notary Public, State of Ohio, Cuy. Cty.
My commission expires May 17, 2009

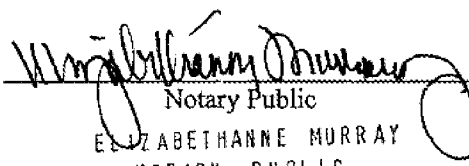
Signed at Case Western Reserve University
County of Cuyahoga and State of Ohio
This 9th day of May, 2007.



Chung-Chiun Liu

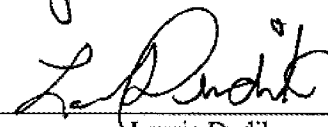
STATE OF Ohio)
COUNTY OF Cuyahoga)

On this May 9th day of May, 2007
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 he executed the same for the uses and the purposes therein mentioned.



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

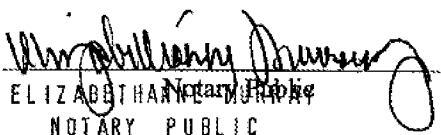
Signed at Case Western Reserve University
County of Cuyahoga and State of Ohio
This 9th day of May, 2007.



Laurie Dudik

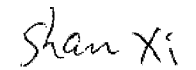
STATE OF Ohio)
COUNTY OF Cuyahoga)

On this 9th day of May, 2007.
Personally appeared before me Laurie 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 DUNNING
NOTARY PUBLIC
STATE OF OHIO
COMM. EXPIRES 6/3/08

Signed at CWRU
County of _____ and State of Ohio
This 27 day of June, 2007



Xi Shan

STATE OF Ohio)
COUNTY OF Cuyahoga)

On this 27th day of June, 2007.
Personally appeared before me Xi Shan to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



Notary Public

DANIEL J. PENDERGAST
Notary Public, State of Ohio, Cuy. Cty.
My commission expires May 17, 2009


Signed at Northwestern University
County of Cook and State of Illinois
This 19 day of Sept, 2007


Seth Levine
Seth

STATE OF IL)
COUNTY OF COOK)

On this 19th day of September, 2007
Personally appeared before me Seth Levine to me known to be the person named in and who
executed the above instrument, and acknowledged to me that he executed the same for the uses
and the purposes therein mentioned.




Notary Public