Form PTO-1595 REC( 03 - 04 -	5.5. DEFARTMENT OF COMMERCE
-(Rev. 03/01) OMB No. 0G51-0027 (exp. 5/31/2002)	U.S. Patent and Trademark Office
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Tab settings	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
1. Name of conveying party(ies): (a) Karl T. Chuang (b) Jingli Luo	2. Name and address of receiving party(ies)
1	Name: The Governors of the University of Alberta
(c) Guolin Wei (d) Alan R. Sanger	Internal Address: 222 Campus Tower
TIENTO TE ADEMI	
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	
3. Nature of conveyance:	Street Address: 8625-112 Street
☐ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Edmonton State: AB Zip: T6G 2E1
☐ Other	<u> </u>
Execution Date: (a) February 19, 2003; (b) February 19,	Country: CANADA
2003; (c) February 19, 2003; (d) February 19, 2003	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
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)	B. Patent No.(s)
10/290,429	
	I
Additional numbers attached? ☐ Yes ☒ No	
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Patricia Power	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
Internal Address: c/o Bereskin & Parr	☐ Enclosed (cheque No)
	☑ Authorized to be charged to deposit account
Street Address: Box 401, 40 King Street West	
	8. Deposit account number: 022095
City: Toronto State: ON Zip: M5H 3Y2	The Commissioner is authorized to charge any deficiency in fee or credit any overpayment to our Deposit Account.
Country: Canada	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy	
is a true copy of the original document. Patricia Power, Reg. No. 51,379  February 26, 2003	
	ignature Date
Total number of pages including cover sheet, attachments, and documents:	
Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents & Trademarks, Box Assignments  Washington, D.C., 20231	
03 610N11 00000121 022073 10270427 Washington, D.C. 20231	

**PATENT REEL: 013795 FRAME: 0474**  WHEREAS we, KARL T. CHUANG, JINGLI LUO, GUOLIN WEI and ALAN R. SANGER whose full post office addresses are 8742-117 Street, Edmonton, Alberta, Canada, T6G 1R5, 6403-129 Street, Edmonton, Alberta, Canada, T6H 3X9, 8120-97 Street, Edmonton, Alberta, Canada, T6E 3K5 and 2833-123 Street, Edmonton, Alberta, Canada, T6J 6A6, have invented certain new and useful improvements in an invention ELECTRODE CATALYST FOR H<sub>2</sub>S FUEL CELLS for which an application for United States Letters Patent was filed on November 8, 2002 as serial No. 10/290,429.

AND WHEREAS, The Governors of the University of Alberta, a corporation of Alberta, of 222 Campus Tower, 8625 - 112 Street, Edmonton, Alberta, T6G 2E1, whose full post office address is has acquired from us the whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefore, and in and to said application.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, KARL T. CHUANG, JINGLI LUO, GUOLIN WEI and ALAN R. SANGER, by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said The Governors of the University of Alberta, the full and exclusive right to the said invention in the United States of America and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations—in—part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letter Patent.

PATENT REEL: 013795 FRAME: 0475 We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said **The Governors of the University of Alberta**, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

The undersigned hereby grant(s) the firm of Bereskin & Parr (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

SIGNED this 19th day of February, 2003, at Edmonton,

Kal Church

Witness Artin Afacan

KARL T. CHUANG

KARL T. CHUANG

Witness Dianjum Chen JING/I LUO

My

Witness CHIN KUI CHENGT

GUOLIN WEI

SIGNED this 19th day of February, 2003, at Edmonton,

Kal Church

KARL T. CHUANG

GUOLIN WEI

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Witness

PATENT
RECORDED: 02/27/2003 REEL: 013795 FRAME: 0476

ALAN R. SANGER