4
0
ē
~
W

102270040				

_	_	_
_	┗-	1
_	ᆫ	

To the Director (of the U.S. Patent and Traueman Onice. Fieds	79849	t documents or the new address(as) below			
	veying party(ies)		address of receiving party(ies)			
Stanford University		The I	United States of America as represented by ecretary of the Air Force			
		Internal Address:	AFMCLO/JAZ			
Additional name(s) of o	conveying party(ies) attached? 🔲 Yes 🗵 No		Bldg 11, Room 100			
	nveyance/Execution Date(s): January 18, 2007	Street Address:	2240 B Street			
☐ Assignment	☐ Merger	City: Wright-Pa	atterson Air Force Base			
☐ Security Agreen	nent	State: Ohio				
☐ Joint Research	Agreement	State. Onto				
☐ Government Into	erest Assignment	Country: U.S.A. Zip: 45433-7109				
	er 9424, Confirmatory License	Additional name(s) & address(es) attached? Yes No				
Other			`. `			
4. Application or patent number(s):						
		7,134,48	-6 -6			
	Additional numbers at		No in the same transfer to the			
	dress to whom correspondence ment should be mailed:	involved:	per of applications and patents			
Name: Fredric L.	Sinder	7. Total fee (3	7 CFR 1.21(h) & 3.41) \$ \$ 3			
Internal Address:	AFMCLO/JAZ	<u> </u>	be charged by credit card			
	Bldg 11, Room 100		be charged to deposit account			
Street Address: 2240 B Street		☐ Enclosed				
			d (government interest not affecting title)			
City: Wright-Pa	atterson AFB	8. Payment Inf				
State: Ohio	Zip: 45433-7109	a. Credit ca	ard Last 4 Numbers Expiration Date:			
Phone Number:	(937) 255-2838	h Denosit	Account Number			
Fax Number:	(937) 255-3733		ed User Name			
Email Address:	fredric.sinder@wpafb.af.mil	Authoriz	eu Osei Name			
9. Signature:	Signature	3/	February 28, 2007 Date			
	FREDRIC L. SINDER Name of Person Signing	Total no attachn	umber of pages including cover sheet, nents, and documents:			

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, VA 22313-1450

PATENT REEL: 018989 FRAME: 0669

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Control of Electrolysis Gases in Electro-osmotic Pump Systems

Juan G. Santiago Inventors:

Shulin Zeng

Patent or Application Serial No: 7134486

U.S. Filing / Issue Date: 11/14/06

Agency: Department of the Air Force

Air Force F33615-99-C-1442 Grant / Contract:

Grantee / Contractor File: S02-163

Foreign Applications:

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 of FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the above agency. This document is confirmatory of:

- The Nonexclusive, nontransferable, irrevocable, paid-up license granted to the Federal 1. Government in the invention described in the patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this 18th day of January, 2007

RECORDED: 03/06/2007

Katharine Ku, Director, Office of Technology Licensing

For: The Board of Trustees of the Leland Stanford Junior University

Stanford University, Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA At:

94306-1106

PATENT REEL: 018989 FRAME: 0670