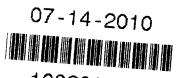


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HEET

ABC		036019(ገ ተ		
To the Director of the US		= '	-	unents or the new address(es) below.	
Name of conveying p Additional name(s) of conveying p	Richa Seba	A. Hall ord Gaster stian J. Oste X. Wang ched?			
2. Name and address of	receiving party(ies):				
Name: The Board o	of Trustees of the Le	eland Stanfo	rd Junio	or University	
Street address: 1705	El Camino Real				
City: Palo Alto	State: CA	Zip: 94306	5	Country: USA	
Additional name(s) and	d address(es) attached?	Yes 🛛	No		
3. Nature of conveyance	e/Execution Date(s):				
Assignment			☐ Joint F	Research Agreement	
☐ Security Agreement	nt		☐ Gover	nment Interest Assignment	
			Execu	tive Order 9424m Confirmatory License	
☐ Change of Name			☐ Other		
Execution Date(s):	4/19/10, 4/20/10,	4/30/10, 7	7/6/10		
4. Application or patent	number(s):				
A. Patent Application N	lo.(s)	B. Patent N	10.(s)	C. Agent Ref No.(s)	
12/661158				S08-419/US	
	eing filed together with a ached? Yes No		on.		
5. Name and address to	whom correspondenc	e concerning	documen	t should be mailed:	
Name: Lumen Patent F	Firm -				
Street address: 350 Ca	ambridge Ave., Suite 100)			
City: Palo Alto	State: CA	Zip: 94306		Country: USA	
Phone No.: 650-424-0	0100 Fax No.: 650-4	24-0141		Email: admin@lumen.com	
6. Total number of appl	ications and patents in	volved: 1		· ————————————————————————————————————	
7. Total fee (37 CFR 1.2	1(h) & 3.41): \$ 40		Autho	rized to be charged by credit card	
8. Payment information	:				
a. Credit Card Last 4 N	lumbers: 5900		Credit Ca	ard Expiration Date: 10/2012	
9. Signature:					
Signature / Robe	ert Lodenkamp	er / Reg.	No. 5	5,399	
Printed Name	Robert Loden				4
Date	7/6/10			Total number of pages including cover sho attachments and documents: 9	∋et,

07/12/2010 HVUONG1 00000040 12661158

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WHEREAS, I/WE:

Drew A. Hall, a citizen of USA, residing in Stanford, CA 94305, USA

Richard Gaster, a citizen of USA, residing in Los Altos, CA 94022, USA

Sebastian J. Osterfeld, a citizen of USA, residing in Mountain View, CA 94043, USA

Shan X. Wang, a citizen of USA, residing in Portola Valley, CA 94028, USA

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- 2) I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, and that at the time of execution and delivery of this assignment, I/we are the sole lawful owner(s) of the entire right, title and interest in and to said invention(s).
- 3) I/we hereby agree that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorize Assignee and grant Assignee the sole right to do so.
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- 5) I/we authorize and request any official whose duty it is to issue patents to issue any patent on said invention(s) or resulting therefrom to Assignee, or its successors, assigns, or nominees.

Agent Ref.: S08-419/US 1/2 Assignment PID: 15351

REEL: 024680 FRAME: 0873

PATENT

Signature:	Drew A. Hall	Date: 19 April 2010
Signature: Inventor:	Richard Gaster	Date:
Signature: Inventor:	Sebastian J. Osterfeld	Date:
Signature: Inventor:	Shan X. Wang	Date:

WHEREAS, IWE:

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Agent Ref.: S08-419/US

1/2 Assignment

PID: 15351

PATENT

Signature: inventor:	Drew A. Hall	Date:
Signature: Inventor:	Richard Gaster	Date: 4/20/2000
Signature: Inventor:	Sebastian J. Osterfeld	Date:
Signature:	Ohan V Wann	Date:

PATENT

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Agent Ref.: S08-419/US 1/2 Assignment PID: 15351

Signature: Inventor:	Drew A. Hall	Date:
Signature: Inventor:	Richard Gaster	Date:
Signature; Inventor:	Sebastian J. Osterfeld	Date: Suly-6-2010
Signature:		Date [.]

Inventor: Shan X. Wang

Agent Ref.: S08-419/US 2/2 Assignment PID: 15351

PATENT

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Agent Ref.: S08-419/US 1/2 Assignment PID: 15351

Signature:		Date:	
Inventor:	Drew A. Hall		
Signature:		_ Date:	
Inventor:	Richard Gaster	_	
Signature:		Date:	
Inventor:	Sebastian J. Osterfeld		
Signature:	Show the prome	Date:	4/34/10
Inventor:	Shan X Wang		/



GENERAL POWER OF ATTORNEY

and

CORRESPONDENCE ADDRESS INDICATION FORM

GENERAL POWER OF ATTORNEY

I am duly authorized to sign this instrument on behalf of the Assignee.

By submission of this paper in connection with any matter of the Assignee for which an assignment to Assignee of the entire right, title and interest is submitted concurrently for recording or was previously recorded, thereby establishing authority of Assignee to act under 37 CFR 3.73(b), I hereby:

- 1. Revoke any previous powers of attorney with respect to that matter,
- 2. Appoint the registered practitioners associated with customer number 30869, assigned to LUMEN Intellectual Property Services, to represent Assignee before the United States Patent and Trademark Office (USPTO) in that matter, such appointment to be to the exclusion of the inventor(s) and representative(s) of the inventor(s) in accordance with 37 CFR 3.71, and
- 3. Request that the correspondence address for that matter be recognized or changed to the correspondence address of the customer number 30869 of appointed representative.

SIGNATURE OF ASSIGNEE		
SIGNATURE	Katharine Ku	
DATE	September 12, 2007	
PRINTED NAME	Katharine Ku	
TITLE	Director, Office of Technology Licensing	
ASSIGNEE	The Board of Trustees of the Leland Stanford Junior University 1705 El Camino Real Palo Alto, CA 94306-1106	

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.11 and 1.14. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

WHEREAS, I/WE:

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Agent Ref.: S08-419/US 1/2 Assignment PID: 15351

Signature: Inventor:	Drew A. Hall	Date: 19 April 2010
Signature: Inventor:	Richard Gaster	Date:
	Sebastian J. Osterfeld	Date:
Signature: Inventor:	Shan X. Wang	Date:

PATENT

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Agent Ref.: S08-419/US 1/2 Assignment PID: 15351

Inventor: Drew A. Hall	
Signature: 5. Inventor: Richard Gaster	Date: 4/20/2010
Signature: Sebastian J. Osterfeld	Date:
Signature: Inventor: Shan X. Wang	Date:

PATENT

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Agent Ref.: S08-419/US 1/2 Assignment PID: 15351

Signature: Inventor:	Drew A. Hall	Date:
Signature: Inventor:	Richard Gaster	Date:
Signature; Inventor:	Sebastian J. Osterfeld	Date: Suly-6-2010
Signature: Inventor:	Shan X. Wang	Date:

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Signature:		_ Date: _		
Inventor:	Richard Gaster			
Signature:	Sebastian J. Osterfeld	_ Date: _		
Inventor:	7			
Signature:	Show to themes	Date: _	4/34/10	
	Shan X. Wang			_