U.S. PTO 12/076203 03/14/2008 03/14/2008 O3 - 24 - 2008 Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FORM COVI PATENTS ONL. 103491309 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): Chii-Wann LIN (12/28/2007), Jheng-Long LEE (02/13/2008), Rong-Huay JUANG (01/30/2008), Shi-Ming LIN (01/30/2008), Additional name(s) of conveying party(lee) attached? X Yes No 3. Nature of conveying party(lee) sittached? X Yes No 3. Nature of conveying party(lee) sittached? X Yes No 3. Nature of conveying party(lee) sittached? Stached? Street Address: Street Address: 5. Chii-Wann LIN (12/28/2007), Jheng-Long LEE (02/13/2008), Rong-Huay JUANG (01/30/2008), Additional name(s) of conveying party(lee) sittached? X Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other
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Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FORM COVI PATENTS ONL 103491309 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying partylies): Chii-Wann LIN (12/28/2007), Jheng-Long LEE (02/13/2008), Rong-Huay JUANG (01/30/2008), Shi-Ming LIN (01/30/2008), Additional name(s) of conveying partylies) attached? X Yes Name: Council of Agriculture, Executive Yuan Internal Address: Street Address: 3. Nature of conveying partylies) attached? X Assignment Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other
RECORDATION FORMICCOVI DATENTS ONL. 103491309 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): Chii-Wann LIN (12/28/2007), Jheng-Long LEE (02/13/2008), Rong-Huay JUANG (01/30/2008), Shi-Ming LIN (01/30/2008), Additional name(s) of conveying party(ies) attached? X Yes No Street Address: 37 Nanhai Rd., Zhongzheng District × Assignment Merger Security Agreement Joint Research Agreement State: City: Country: Taipei State: Country: Country: Taiwan ROC Zip: 100
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): Chii-Wann LIN (12/28/2007), Jheng-Long LEE (02/13/2008), Rong-Huay JUANG (01/30/2008), Shi-Ming LIN (01/30/2008), Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other
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Additional name(s) of conveying party(ies) attached? X Yes No Street Address: 3. Nature of conveyance/Execution Date(s): Street Address: Execution Date(s): in parentheses after inventor name 37 Nanhai Rd., Zhongzheng District X Assignment Merger Change of Name Security Agreement Joint Research Agreement City: Taipei Government Interest Assignment State: Country: Taiwan ROC Executive Order 9424, Confirmatory License Country: Taiwan ROC Zip: 100 Other Additional name(s) & address(es) Yes X No
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x Assignment Merger Change of Name Security Agreement Joint Research Agreement City: Taipei Government Interest Assignment State: State: Country: Taiwan ROC Zip: 100 Other Other Additional name(s) & address(es) Yes x No
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Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Taiwan ROC Zip: 100 Other Additional name(s) & address(es) Yes X No
Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Taiwan ROC Zip: 100 Other Additional name(s) & address(es) Yes X
Executive Order 9424, Confirmatory License Country: <u>Taiwan ROC</u> Zip: 100 Other Additional name(s) & address(es)
Other Additional name(s) & address(es) Yes X No
Additional numbers attached? Yes XNo
5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: 1
Name: Paul C. Lewis
BIRCH, STEWART, KOLASCH & BIRCH, LLP 7, Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 2846-0527PUS1
Suite 100 East
P.O. Box 747 Enclosed
None required (government interest not affecting title)
City: Falls Church 8. Payment Information State: VA Zip: 22040-0747 a. Credit Card Last 4 Numbers
State: VA Zip: 22040-0747 a. Credit Card Last 4 Numbers Phone Number: (703) 205-8000 Expiration Date
Fax Number: (703) 205-8050 b. Deposit Account Number 02-2448
Email Address: mailroom@bskb.com Authorized User Name Paul C. Lewis
9. Signature:
A A A A A A A A A A A A A A A A A A A
Signature Date
Signature Date
Signature Date
Signature Date Paul C. Lewis - 43,368 Total number of pages including cover Name of Person Signing 93/21/2008 DRYRNE
Signature Date Paul C. Lewis - 43,368 Total number of pages including cover Name of Person Signing 7

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Form PTO-1595	RECORI	DATION FORM COVER SHEET (continued)	
Additional Conve	ying Party(ies)/Exec	ution Date(s) (1. Continued):	
	30/2008), Rea-Min CHU , and Tsung-Liang CHUA	(01/30/2008), Ching-Ho WANG (01 NG (02/12/2008)	1/30/2008), Jim-Min
Additional Assigr	nees (2. Continued):		
Assignee Name:			
Internal Address:			
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City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Additional Applic	ations and/or Patents	s (4. Continued):	
Additional Patent Applica 4A. Continued:		Additional Patent Numbers 48. Continued:	
	Additional numbers	attached? Yes No	•

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ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Optical Waveguide Surface Plasmon Resonance Sensor

the specification of which (check one):

Title:

is executed on even date herewith. was filed on (day-month-year) as U.S. Application Number was filed on (day-month-year) as PCT Application Number was executed on the following date(s)

WHEREAS, Council of Agriculture, Executive Yuan

having a postal address of No.37, Nanhai Rd., Zhongzheng District, Taipei City, Taiwan 100, R. O. C.

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made

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0 2/2 3/ seef 02/13 /2008	Theng-Long Lee
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PATENT REEL: 020709 FRAME: 0290

Attorney Docket No. 284640527PUS1

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See following page(s) for additional joint inventors.

PATENT REEL: 020709 FRAME: 0291

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Attorney/Docket No: 2846-0527 PUS1 SUPPLEMENTAL PAGE FOR AN ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

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See following page(s) for additional joint inventors.

(05Nov2001)

PATENT REEL: 020709 FRAME: 0293

Attorney/Docket No: 2846-0527PUS1 SUPPLEMENTAL PAGE FOR AN ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

• •

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Date	Signature
2/12/2008	Tsung Liang Chuang

Full Name of Joint Inventor	Post Office Address
Citizenship	Residence
Date	Signature

Full Name of Joint Inventor	Post Office Address
Citizenship	Residence
Date	Signature

Full Name of Joint Inventor	Post Office Address
Citizenship	Residence
Date	Signature

Full Name of Joint Inventor	Post Office Address
Citizenship	Residence

RECORDED: 03/14/2008