PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2884187

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY BERNSTEIN	02/03/2014

RECEIVING PARTY DATA

Name:	UNIVERSITY OF NOTRE DAME DU LAC	
Street Address:	940 GRACE HALL	
City:	NOTRE DAME	
State/Country:	INDIANA	
Postal Code:	46556	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	61849090
Application Number:	14158079
Application Number:	14158156

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 6931-134825

NAME OF SUBMITTER: JOHN W. MCILVAINE

SIGNATURE: /John W. McIlvaine/

DATE SIGNED: 06/04/2014

Total Attachments: 2

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PATENT 502837591 REEL: 033028 FRAME: 0943

Form PTO-1595 (Rev. 03/11)
OMB No. 0651-0027 (exp. 4/30/2015)

ONIB NO. 0051-0027 (exp. 4/50/2015)	United States Patent and Trademark Office	
RECORDATION FORM COVER SHEET PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Gary Bernstein	Name: UNIVERSITY OF NOTRE DAME DU LAC	
	Internal Address: 940 Grace Hall	
Additional name(s) of conveying party(ies) attached? ☐ Yes ✓ No		
3. Nature of conveyance/Execution Date(s):	Street Address:	
Execution Date(s) 02/03/2014		
Assignment Merger	au Natra Dama	
Security Agreement Change of Name	City: Notre Dame	
Joint Research Agreement	State: IN	
Government Interest Assignment	Country: US Zip: 46556	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? ☐ Yes ☑ No	
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)	
61/849,090	D. I atolit (40.(5)	
14/158,079		
14/158,156		
Additional numbers att		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 3	
Name: John W. McIlvaine		
Internal Address: The Webb Law Firm	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card	
	Authorized to be charged by credit card Authorized to be charged to deposit account	
Street Address: One Gateway Center	Enclosed	
420 Ft. Duquesne Blvd., Ste 1200	None required (government interest not affecting title)	
City: Pittsburgh	8. Payment Information	
State: PA Zip: 15222	a. Credit Card Last 4 Numbers 1916	
Phone Number: 412-471-8815	Expiration Date <u>05/2015</u>	
Fax Number: 412-945-5933	b. Deposit Account Number 23-0650	
Email Address: assignments@webblaw.com	Authorized User Name	
9. Signature:	June 4, 2014	
Signature	Date	
John W. McIlvaine	Total number of pages including cover sheet, attachments, and documents:	
Name of Person Signing	sneet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Doc. No.

ASSIGNMENT

WHEREAS, GARY BERNSTEIN, whose office address appears below (hereinafter referred to as ASSIGNOR), is an employee of the University of Notre Dame du Lac, with an address at 940 Grace Hall, Notre Dame, Indiana, 46556 (hereinafter referred to as ASSIGNEE) and has certain obligations to disclose and assign patentable new inventions to ASSIGNEE; and

WHEREAS, ASSIGNOR has invented a new and useful invention entitled: "Method and Device for Highly Accurate, Self-aligned Inter-chip Optical Waveguide Coupling", Docket Number UND-2013-016 (hereinafter referred to as the INVENTION) for which a United States Provisional Patent Application was filed January 18, 2013, and was assigned Patent Application S/N 61/849,090; and for which two United States Utility Patent Applications were filed on January 18, 2014, and were assigned Patent Application S/N 14/158,079 and S/N 14/158,156; and

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in and to the Invention in the United States and throughout the world; and

WHEREAS, ASSIGNOR is willing to assign his entire right, title, and interest in and to the INVENTION to ASSIGNEE;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said INVENTION and applications throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

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 application(s) or inventor certificate(s) in the United States and in foreign countries 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 also agrees, without further consideration and at ASSIGNEE's expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE's request documents and information concerning the enforcement of the right to sue 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 right to sue of any 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.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters 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.

Dr. Gary Bernstein	Low It Comment	
72.5 202 Cushing Hall Notre Dame, IN 46556	Signature	
	2/3/14	
	Daie	
	(Notarization preferred but not required)	
Before me personally appeared said and deed this day of	and acknowledges this instrument to be his (her) free act 2006.	
	Notary Public	

PATENT REEL: 033028 FRAME: 0945

RECORDED: 06/04/2014