OMB No. 0651-0027 (exp. 6/30/2008) 1032882 To the Director of the U.S. Patent and Trademark Office: Please r 1. Name of conveying party(ies): Norbert F. Scherer (5/5/2006), Justin E. Jureller (5/5/2006), Sungnam Park (5/25/2006), and 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 X Assignment Merger Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other	22 ···· MD -7 PM L
10328822 To the Director of the U.S Patent and Trademark Office: Please re 1. Name of conveying party(ies): Norbert F. Scherer (5/5/2006), Justin E. Jureller (5/5/2006), Sungnam Park (5/25/2006), and Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of conveying party(ies) attached? X Yes No 3. Nature of conveying party(ies) attached? X Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s): Execution Date(s): Security Agreement Merger Change of Name Government Interest Assignment Government Interest Assignment Executive Order 9424, Confirmatory License	22 MID -7 FM L ecord the attached documents or the new address(iss) be 2. Name and address of receiving party(ies) Name: UNIVERSITY OF CHICAGO Internal Address: Street Address: 5801 South Ellis Avenue City: Chicago
To the Director of the U.S. Patent and Trademark Office: Please re 1. Name of conveying party(ies): Norbert F. Scherer (5/5/2006), Justin E. Jureller (5/5/2006), Sungnam Park (5/25/2006), and 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 X Assignment Merger Change of Name Government Interest Assignment Government Interest Assignment Executive Order 9424, Confirmatory License	ecord the attached documents or the new address (es) be 2. Name and address of receiving party(ies) Name: UNIVERSITY OF CHICAGO Internal Address: Street Address: 5801 South Ellis Avenue City: Chicago
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x Assignment Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	City: Chicago
Government Interest Assignment Executive Order 9424, Confirmatory License	
Executive Order 9424, Confirmatory License	State: Illinois
Other	Country: United States of America Zip: 60637
	Additional name(s) & address(es) Yes X Notattached?
Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed; Name: Paul B. Stephens	6. Total number of applications and patents involved:
	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address, Atty. Dkt.: 27373/41222A Street Address: 233 S. Wacker Drive, Suite 6300 Sears Tower	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not atfection
City: Chicago	8. Payment Information
State: IL Zip: 60606-6357 Phone Number: (312) 474-6300	a. Credit Card Last 4 Numbers Expiration Date
Fax Number:(312) 474-0448	b. Deposit Account Number
Email Address:	Authorized User Name
9. Signature:	August 3, 2006
Paul B. Stephens17,970 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

PATENT REEL: 018155 FRAME: 0841

Form FTO-1595	RECO	RDATION FORM COVER SHEET (continued)			
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):					
Kimani C. Toussaint, .	Jr. (5/5/2006)				
Additional Assigne	es (2. Continued)):			
Internal Address: Street Address:					
Street Address.					
City:	State:	Country:	Zip:		
Assignee Name:					
Internal Address:					
Street Address:					
City:	State:	Country	Zip:		
Assignee Name					
Internal Address:					
Street Address:					
City:	State:	Country:	Zip:		
Additional Applications and/or Patents (4. Continued):					
Additional Patent Application 4A. Continuea:	on Numbers	Additional Patent Numbers 4B. Continued:			
	Additional numb	ers attached?	lo		

Docket No.: 27373/41222A

2

ASSIGNMENT

Pursuant to our obligation to The University of Chicago (hereinafter referred to as "Assignee"), an Illinois not for profit corporation having its principal place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Nåbert Scherer Norbert F. Scherer 265 Auburn Av. Winnetka, IL 60093

Justin Jureller 5523 S. University Ave. Apt.3 Chicago, IL 60637

Sungnam Park Gp. os/24/06 5118 S. Dorchester Ave. Apt. 515 625 Mariposa Ave #7 Chicago IL_60637 Mountain View, CA. 94041

Kimani Toussaint, Je. 899 S. Plymouth Ct. Apt. 701 Chicago, IL 60605

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its

successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled Vector Beam Generator Using A Passively Phase

Stable Optical Interferometer

for which we have executed a United States Patent Application on even date herewith

(Atty. File No. 27373/41222A) which claims the benefit of priority of United States Provisional

Patent Application Serial No. 60/678,344 filed 5/6/2005;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted

thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon request of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

Date

5/5/06 Date

tout thelen

Inventor: Norbert Scherer

Mary L Kulley

5/05/06

Date

<u>5/5/06</u> Date

5/25/06 Date

5/25/2006 Date

<u>5/05/06</u> Date

<u>5/5/06</u>

Inventor: Justin Jugeller

Mary R Kulberg

Inventor: Sungnam Park

Witness:

Kimani Journa 1. fr. Inventor: Kimani Toussaint

May L Kulley

RECORDED: 08/07/2006