Form PTO-1595 (Rev. 07/05) DMB No, 0651-0027 (exp. 0/80/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
Name of conveying party(ies):	2. Name and address of receiving party(les)
Janusz Murakowski (03/17/2004) and Dennis W. Prather (03/17/2005)	Name: UNIVERSITY OF DELAWARE
Figure (00/1//2005)	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): In parentheses after inventor name	Office of the Vice Provost for Research 210 Hullihen Hall
x Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Newark
Government Interest Assignment	State: Delaware
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 19716
Other	Additional name(s) & address(es) Yes X No attached:
	<u> </u>
	This document is being filed together with a new application.
A. Patent Application No.(s) 10/525,763	B. Patent No.(s)
10/020/100	
Additional numbers attached	Yes X No
5. Name and address to whom correspondence	6. Total number of applications and
concerning document should be mailed:	patents involved:
Name: George R. Pettit CONNOLLY BOVE LODGE & HUTZ LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty, Dkt.: 00131-00310-US2	Authorized to be charged by credit card
Street Address: 1990 M Street, N.W., Suite 800	X Authorized to be charged to deposit account
	Enclosed
	None required (government Interest not affecting title
	Total reduied (Associated unstage use alleging and
City: Washington_	8. Payment Information
State: DC Zip: 20036-3425	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: (202) 331-7111 Fax Number: (202) 293-6229	b, Deposit Account Number 22-0185
Email Address: GPettit@cblh.com	Authorized User Name George R. Pettit
0.57	
stanle 3. Once	2 4, 357/ August 25, 2005
Signature	Date
George R. Pettit - 27,369	Total number of pages including cover sheet, attachments, and documents: 4

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT,	made this 17 day of march , 2005, by
Janusz Murakowski and Dennis W.	Prather (hereinafter referred to as Assignars) residing at 16 19713; and 51 East Main Street, Suite 203, Newark,
Waltham Street, Newark, Delaware	19713; and 51 East Main Street, Suit. 203, Newark,
Delaware 19711, respectively;	606 Apple Road

WHEREAS, Assignors have invented certain new and useful improvements in METHOD FOR FABRICATING OPTICAL DEVICE IN PHOTONIC CRYSTAL STRUCTURES, set forth in a Patent application was filed on February 28, 2005, as Appl. No. ____, the National Phase filing of PCT/US2003/026499; and

WHEREAS, UNIVERSITY OF DELAWARE, a University organized under and pursuant to the laws of Delaware having its principal place of business at Office of the Vice Provost for Research, 210 Hullihen Hall, Newark, Delaware 19716 (hereinafter referred to as Assignce), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

00131-00310-US2

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignce, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Fatent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

2

00131-00310-US2

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 30678

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 17 1005 Signature: Janusz Murakowski

Date: 17 1005 Signature: Dennis W. Prather

00131-00310-US2