FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 04-21-2000



MeD 3.50.00	PATENTS ONLY
TO: The Commissioner of Patents and Trade	emarks: Please record the attached original document(s) or copy(ies).
Submission Type	Conveyance Type
X New	X Assignment Security Agreement
Resubmission (Non-Recordation) Document ID#	License Change of Name
Correction of PTO Error Reel # Frame # Corrective Document	Merger U.S. Government (For Use ONLY by U.S. Government Agencies)
Reel # Frame #	Departmental File Secret File
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date
Name (line 1) Peter E. Powers	Month Day Year 10/07/99
Name (line 2)	
Second Party	Execution Date Month Day Yea
Name (line 1)	
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) The University of Dayton	is an assignment and
Name (line 2)	receiving party is not domiciled in the Unite States, an appointmer of a domestic
Address (line 1) 300 College Park Drive	representative is attac (Designation must be
Address (line 2)	separate document fro Assignment.)
Address (line 3) Dayton	Ohio 45469 State/Country Zip Code
Domestic Representative Name an	
Name	
Address (line 1)	
Address (line 2)	
Address (line 3)	
Address (line 4)	
	FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

> PATENT REEL: 010708 FRAME: 0740

U.S. Department of Commerce

Patent and Trademark

FORM PTO-1619B Expires 05/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address Area Code and Telephone Number (937) 223-2050			
Name Killworth, Gottman, Hagan	& Schaeff, L.L.P.		
Address (line 1) One Dayton Centre, Suite	500		
Address (line 2) One South Main Street			
Address (tine 3) Dayton, Ohio 45402-2023			
Address (line 4)			
Pages Enter the total number of pagincluding any attachments.	ges of the attached conveyance document	# 2	
Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).			
Enter either the Patent Application Number or the Patent Application Number(s)	atent Number (DONOT ENTER BOTH numbers for the Patent Number		
If this document is being filed together with a <u>new</u> Pater signed by the first named executing inventor.	nt Application, enter the date the patent application wa	s Month Day Year	
Patent Cooperation Treaty (PCT)	202		
Enter PCT application number	PCT PCT	PCT	
<u>only if</u> a U.S. Application Number has not been assigned.	PCT PCT	PCT	
Number of Properties Enter the total number of properties involved. # 1			
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00			
Method of Payment: Enclosed X Deposit Account Deposit Account			
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: #			
Д	Authorization to charge additional fees: Yes	s No	
Statement and Signature			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
James E. Beyer		03/17/00	
Name of Person Signing	Signature	Date	

PATENT REEL: 010708 FRAME: 0741

<u>ASSIGNMENT</u>

WHEREAS, I, **PETER E. POWERS**, of Dayton, Ohio, invented certain new and useful **TUNABLE PULSED NARROW BANDWIDTH LIGHT SOURCE** for which I executed an application for a United States Patent and for which said application for United States Patent was filed on , <u>October 4, 1999</u> under

₹ Patent Application Serial No. 09/410,885

WHEREAS, I hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **The University of Dayton**, a corporation of the State of Ohio, with a place of business at 300 College Park Drive, Dayton, Ohio 45469, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and I hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and I hereby agree that, upon request, I will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

> PATENT REEL: 010708 FRAME: 0742

> PALLA L. MILLER, Notary Public In and for the State of Ohio My Commission Expires September 14, 2000

RECORDED: 03/20/2000