**PATENTS** (

05-03-1999

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: No.: UOM 0162 PUS

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t and Trademark Office

To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ies):     Mohammed N. Islam and Jaeyoun Kim	Name and address of receiving party(ies):     Name: The Regents of the University of Michigan
	Internal Address:
Additional name(s) of conveying party(ies) attached?YesXNo	
3. Nature of conveyance:	Street Address: 3003 South State Street
X Assignment Merger	
Security AgreementChange of Name	City: Ann Arbor State: MI Zip: 48109
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Execution Date: April 16, 1999	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	ne execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/253,852	bers attached? Yes X No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1
Name: <u>David R. Syrowik</u>	7. Total Fee (37 C.F.R. § 3.41)
Address: Brooks & Kushman P.C.	X Enclosed
1000 Town Center, Twenty-Second Floor	Authorized to be charged to Deposit Account
City: Southfield State: MI ZIP: 48075	8. Deposit Account Number: 02-3978
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9. 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.	
David R. Syrowik	April 23, 1999
Name of Person Signing Signing	gnature Date

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

## **ASSIGNMENT**

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, MOHAMMED N. ISLAM and JAEYOUN KIM of 2717 Holyoke Lane, Ann Arbor, Michigan 48103 and 2735 Windwood Dr. #82, Ann Arbor, Michigan 48105 respectively, do hereby assign, sell and set over to The Regents of the University of Michigan, a corporation organized and existing under the laws of the State of Michigan and having a place of business at Ann Arbor, Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

## METHOD AND SYSTEM FOR GENERATING A BROADBAND SPECTRAL CONTINUUM, METHOD OF MAKING THE SYSTEM AND PULSE-GENERATING SYSTEM UTILIZING SAME.

set forth in the application for United States Letters Patent executed by us on the <u>l6th</u> day of <u>April</u>, 19 99, and the <u>l6th</u>day of <u>April</u>, 19 99, respectively, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

MOHAMMED N. ISLAM

Mortaun

∠JAEYOUN KIM

STATE OF Michigan	
STATE OF Michigan ) COUNTY OF Washtenaw) ss.	
On this 16th day of appeared before me Mohammed N. Islam	, 1999, personally to me known to be the person named in and who wledged that he executed the same for the uses and
(SEAL)	My Commission expires:  VIRGINIA WAIT  Notary Public, Washienaw County, MI My Commission Expires Jan. 13, 2001
STATE OF Michigan )  COUNTY OF Washtenan)	
On this 1645 day of April , 1949, personally appeared before me Jaeyoun Kim, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.	
	Wind the
	Notary Public  My Commission expires:
(SEAL)	VIRGINIA WAIT  Notary Public, Washtenaw County, MI  My Commission Expires Jan. 13, 2001

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PATENT REEL: 9913 FRAME: 0581

**RECORDED: 04/27/1999**