FORM PTO-1595 (Rev. 6-92)					
To the Assistant Commissioner for Paten Please record the attached original document	ts or copy thereof.	ATTN: BOX ASSIGNMENT			
. Name of conveying party(ies):		2. Name and address of receivin 2 party(ies):			
1. Krishna BALA 3. W. John TOMLINSON 2. John GAMELIN 4. Charles A. BRACKETT Additional name(s) of conveying party(ies) attached? Yes Yes _XNo		Name Tellium, Inc. Interna Address:			
3. Nature of conveyance:		Street Address: 2 Crescent Place, Building C			
X Ass gnment Merger Security Agreement Change of Name Other		City: Oceanport State: New Jersey Zip: 07757			
Execution Date: December 9, 1	998	Additional name(s) & address((s) attached? <u>Yes</u> <u>X</u> No			
4. Application number(s) or patent number	ber(s):				
If this document is being filed together with a new application the execution date of the application is: A. Patent Application No.(s): 09/182,644 B. Patent No.(s) Additional numbers attached: Yes X No					
Additional numbers attached: Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: <u>1</u>			
Name: Mr. John D. 2	Zele	7. Total fee (37 C.F.R §3.41): <u>\$40.00</u>			
Internal Address: Morgan, Lewis & Bockius LLP Customer No. 009629		Enclosed X Authorized to be charged to deposit account 50-0310			
Street Address:1800 M Street,City:WashingtonState: D.C.	, N.W. Zip: 20036	8. Deposit account number: 50 0310 Attach duplicate of page if paying by deposit account			
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. J: h: (hAZ 74(52) <u>kim D: Zele</u> Name of Person Signing Total number of pages including correct sheet, attachments and documents: <u>3</u>					
WA01A 224584 1		유명 경 당 PATENT REEL: 9697 FRAME: 0945			

ASSIGNMENT

WHEREAS I/We, the below named inventor(s). [hereinafter referred to as Assignor(s)], have made an invention entitled:

RECONFIGURABLE MULTIWAVELENGTH NETWORK ELEMENTS

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on 2/09/98; or filed an application for United States Letters Patent on <u>October 30, 1998</u>, (Serial No. <u>09/182,644</u>); and

WHEREAS, <u>Tellium, Inc.</u>, a corporation of <u>Delaware</u>, whose post office address is <u>2 Crescent Place, Building C</u>, <u>Oceanport, New Jersey 07757</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1. 00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assigner(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns. MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No <u>09/182,644</u>, filed <u>October 30, 1998</u>) the filing date and application number of said application when known.

IN TESTIMONY WHEREC	DF, I/WE	have	hereunto	set out	r hand(s	s).
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County of Monmouth	Krishna Bala
State ofew_Jersey	Full Name of Sole or First Assignor
SS	/
Subscribed and sworn to before me this <u>1</u> day of <u>DECEMBER</u> , <u>1998</u> .	Eirst Assignor's Signature
Lezant A. In 1/2 Notary Public	12/9/ <u>S</u> Date
Names of additional inventors attached [X] Yes	[] No

Morgan, Lewis & Bockius LLP

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ATTORNEY DOCKET NO.: 046169-5030 ASSIGNMENT (Worldwide Rights) Page 2

County of <u>Monmouth</u>	John Gamelin Full Name of Sec and Assignor
State of <u>New Jersey</u>	98 Harbor Green Circle, Red Bank, NJ 07701 c/o Tellium, Inc., 2 Crescent Place, P.O. Box 901,
Subscribed and sworn to before me this <u>199</u> day of <u>DECEMBER 71998</u> .	SS. OceanportNJ 07757- Addre s Second Assignot's Signature 12 - 9-97 Date
County of Monmouth	W. John Tomlinson Full Name of Th rd Assignor
State of <u>New Jersey</u>	68 Lovers Lane, Unit 1, Princeton, New Jersey 08540 SS. Address
Subscribed and sworn to before me this (<u>)9</u> day-of <u>DECEMBER</u> , 1998.	Third Assignor's Signature
Lize and KI HONOTARY Public	Decenter 9, 1995 Date
County of <u>Monmouth</u>	Charles A. Brackett Full Name of Fourth Assignor
State of <u>New Jersey</u>	125 (74.6.A.Y 19 Pembroke Drive, Mendham, New Jersey 07945
Subscribed and sworn to before me this <u>29</u> day of <u>DECEMBER</u> , 1998.	SS. <u>Addre s</u> <u>Fourth Assignor s Signature</u> <u>J. cember</u> <u>Date</u>
Names of additional inventors attached [] Yes [X] No

Morgan, Lewis & Bockius LLP