FORM PTO 1595		09-30-2003	. DEPARTMENT OF COM
1-31-92	RECORI		Patent and Trademar
To the Honorable Commissio	ner of Patents and		ocuments or copy thereof. g Party(ies):
To the Honorable Commissio 1. Name and Address of Colling Parts	FYFUBLIC RECON	102562293	
XTERA COMMUNICATIONS	26 AM 9: 50	Name:	THE REGENTS OF THE UNIVE OF MICHIGAN
500 W. Bethany Drive Allen, Texas 75013 FINAN	CE SECTION	Internal Address:	9.21
		Street Address:	Wolverine Tower, Room 2071 3003 South State Street
Additional name(s) of conveying pa YesX No	rty(ies) attached?	City: State:	Ann Arbor Michigan Zip: 481
3. Nature of conveyance:	and the second	State.	Micingan Zip. 461
X Assignment	Merger		
Security Agreement	Change of Name		
Other		Additional name(s) &	
Execution Date: July 28, 2003		Address(es) attached	2
4. Application number(s) or patent num			
If this document is being filed togeth A. Patent Application No.(s):	ter with a new application,		10n 1s: ,052,393 issued 04/18/2000
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 Name and address of party to whom document should be mailed to: 	correspondence concernin		cation and patents involved: Three
		7 Total Fee (37C.F.R. 3	.41): \$40.00
Name: Douglas M. K Internal Address: BAKER BOT		X Enclosed	
Street Address: 2001 Ross Av City: Dallas	<i>r</i> enue	Authorized	to be charged to deposit account
State: Texas	Zip 75201-2980	8 Deposit Account Nun	nber:
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9. Statement and signature. To the best of my knowledge and bel	ief the foregoing informati	ion is true and correct and any at	ached convisa true conv of the orig
document.			achea copy is a trac copy of the orig
Douglas M. Kubehl, Esq.		4.2	9-18-03
Name of Person Signing	Signature	a far	Date
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PATENT REEL: 014523 FRAME: 0442

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ASSIGNMENT

WHEREAS, XTERA COMMUNICATIONS, INC. (hereafter "Assignor"), a Delaware corporation, having an address of 500 West Bethany Drive, Allen, Texas 75013, is the owner of an interest in and to U.S. Patent No. 6,052,393 entitled "Broadband Sagnac Raman Amplifiers and Cascade Lasers," issued April 18, 2000, and the inventions claimed therein (hereafter the "Patent Property"); and

WHEREAS, THE REGENTS OF THE UNIVERSITY OF MICHIGAN (hereafter "Assignee"), having an address of Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, Michigan 48109, desire to acquire Assignor's entire right, title and interest in and to the Patent Property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over *Nunc Pro Tunc* to Assignee, its right, title and interest in and to the Patent Property, as well as all provisionals, divisions, continuations, re-issues, and re-examinations of said Patent Property, and all foreign counterparts of said Patent Property, said divisionals, and said continuations, subject, however, to Assignor retaining the rights in the Patent Property granted to Assignor in the License Agreement between Assignor and Assignee dated as of October 3, 2002 (the "License Agreement"), the rights assigned herein to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Patent Property may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made. Assignor's exclusive license rights in the Patent Property granted to Assignor in the License Agreement shall be unaffected by this Assignment.

Assignor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

Assignor also assigns unto Assignee all claims for damages by reason of infringement prior to the assignment date of the Patent Property with the right to sue for and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

Assignor also will communicate to Assignee any facts known to it respecting any improvements; and, at the expense of Assignee, will testify in any legal proceedings, sign all lawful papers, execute all reissue and re-examination applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said Patent Property.

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PATENT REEL: 014523 FRAME: 0443 2

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

XTERA COMMUNICATIONS, INC.



STATE OF TEXAS § § 8 COUNTY OF <u>Collin</u>

Before me, the undersigned, a Notary Public on this day personally appeared JON W. BAYLESS, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said XTERA COMMUNICATIONS, INC., a Delaware corporation, and that he had executed the same as the act of such corporation for the purpose and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this <u>as</u> day of <u>July</u>, 2003.

Monica Vill I obs

the State of Texas

DAL01:718475.1

RECORDED: 09/26/2003