

09-30-2003

FORM PTO 1595

1-31-92

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

1.26.05

To the Honorable Commissioner of Patents

1. Name and Address of Conveying Party(ies):

102562297

original documents or copy thereof.
of receiving Party(ies):BANDWIDTH SOLUTIONS, INC.
2901 Hubbard Road
Ann Arbor, Michigan 48106

2003 SEP 26 AM 9:58

FINANCE SECTION

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Name:

XTERA COMMUNICATIONS, INC.
Allen, Texas 75013

Internal Address:

Street Address:

500 W. Bethany Drive

City:

Allen

State:

Texas

Zip: 75013

Additional name(s) &
Address(es) attached?☐ Yes☒ No

3. Nature of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Execution Date: July 29, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s): 6,052,393 issued 04/18/2000

Additional Numbers

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed to:

Name: Douglas M. Kubehl, Esq.
Internal Address: BAKER BOTTS L.L.P.
Street Address: 2001 Ross Avenue
City: Dallas
State: Texas Zip: 75201-2980

6 Total number of application and patents involved: Three

7 Total Fee (37C.F.R. 3.41): \$40.00

☒

Enclosed

☐

Authorized to be charged to deposit account

8 Deposit Account Number:

(Attach Duplicate Copy of this page if paying by deposit account)

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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.

Douglas M. Kubehl, Esq.

Name of Person Signing

Signature

Date

9-18-03

Total number of pages including cover sheet

3

OMB No. 0651-0011 (exp. 4/94)

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DAL01:755852

PATENT
REEL: 014523 FRAME: 0448

ASSIGNMENT

WHEREAS, BANDWIDTH SOLUTIONS, INC. (hereafter "Assignor"), having an address of 2901 Hubbard Road, Ann Arbor, Michigan 48105, 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, XTERA COMMUNICATIONS, INC. (hereafter "Assignee"), a Delaware corporation, having an address of 500 West Bethany Drive, Allen, Texas 75013, 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 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, 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 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.

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

BANDWIDTH SOLUTIONS, INC.

By: *Mohammed N. Islam*

Mohammed N. Islam

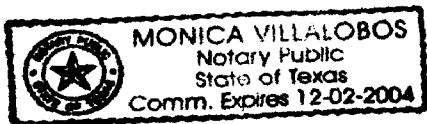
Its: President

Date: 7/29/03

STATE OF TEXAS §
COUNTY OF Collin §

Before me, the undersigned, a Notary Public on this day personally appeared MOHAMMED N. ISLAM, 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 BANDWIDTH SOLUTIONS, INC., 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 29th day of July, 2003.



Monica Villalobos
Notary Public in and for
the State of Texas