

10-10-2003



102572000

U.S. DEPARTMENT OF COMMERCE

/ER SHEET

Patent and Trademark Office

Docket No. 200-65300 (2003-00400)

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

PAUL B. RIPPY
KEITH Q. CHUNG
GARY J. GEERDES
CHRISTOPHE P. LEROY

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: 09/17/03, 09/19/03, 09/17/03 and 09/17/03

2. Name and address of receiving party(ies):

Name: **ADVANCED FIBRE COMMUNICATIONS, INC.**
Address: 1465 North McDowell Boulevard
City: Petaluma State: CA
Zip Code: 94954

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

10/669192

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

If this document is being filed with a new application, the execution date of the application is: September 17, 2003

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Mark C. Pickering, Esq.
Law Offices of Mark C. Pickering
P.O. Box 300
Petaluma, CA 94953-0300
Customer No. 33402

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☐ Authorized to be charged to deposit account, referencing Attorney Docket No. *

8. Deposit account number: 502305

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 502305

DO NOT USE THIS SPACE

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.

Name: Mark C. Pickering
Registration No. 36,239

Signature

Date: 9-23-03

Total number of pages comprising cover sheet, attachments and document: 7

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

22264 U.S. PTO

10/669192

09/23/03

09/29/2003 EAREGAY1 00000052 10669192

02 FC:8021

40.00 OP

ASSIGNMENT

WHEREAS, WE, PAUL B. RIPPY, KEITH Q. CHUNG, GARY I. GEERDES and CHRISTOPHE P. LEROY, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Method and Apparatus of Allocating Minimum and Maximum Bandwidths on a Bus-Based Communication System

Application Execution Date: _____

Filing Date: Herewith Appln. No.: New

WHEREAS, ADVANCED FIBRE COMMUNICATIONS, INC., a corporation of the State of Delaware, 1465 North McDowell Boulevard, Petaluma, CA 94954, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

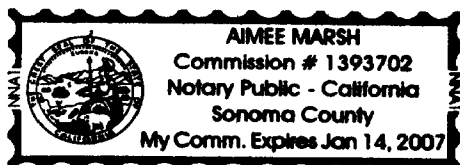
Dated: 9/17/2003

Paul B. Rippy
PAUL B. RIPPY

State of California

County of Sonoma

On 9-17-03 before me, AIMEE MARSH, NOTARY PUBLIC, personally appeared PAUL B. RIPPY, personally known to me or proved to me on the basis of satisfactory evidence to be the person ☒ whose name ☒ is subscribed to the within instrument and acknowledged to me that ☒ he/she/they executed the same in ☒ his/her/their authorized capacity ☒ (ies), and that by ☒ his/her/their signature ☒ (s) on the instrument the person ☒ (s), or the entity upon behalf of which the person ☒ (s) acted, executed the instrument.



WITNESS my hand and official seal.

Aimee Marsh
Signature of Notary

SEAL

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: _____

KEITH Q. CHUNG

State of _____

County of _____

On _____ before me, _____, personally appeared _____, personally known to me ~~or~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

SEAL

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: 9/17/2003

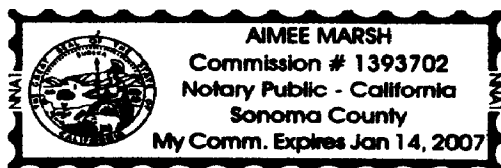
GARY J. GEERDES
GARY J. GEERDES

State of California

County of Sonoma

On 9-17-03 before me, AIMEE MARSH, Notary Public, personally appeared GARY J. GEERDES, personally known to me ~~or~~ proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/~~she~~/~~they~~ executed the same in ~~his~~/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/~~her~~/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Aimee Marsh
Signature of Notary

SEAL

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

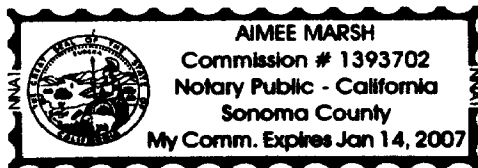
Dated: 09 / 17 / 2003


CHRISTOPHE P. LEROY

State of California

County of Sonoma

On 9-17-03 before me, AIMEE MARSH, NOTARY PUBLIC,
personally appeared CHRISTOPHE P. LEROY, personally known to me ~~or~~ proved to me on the basis of
satisfactory evidence to be the person ~~(s)~~ whose name ~~(s)~~ ~~is~~ subscribed to the within instrument and acknowledged to me
that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity ~~(ies)~~, and that by ~~his/her/their~~ signature ~~(s)~~ on the
instrument the person ~~(s)~~, or the entity upon behalf of which the person ~~(s)~~ acted, executed the instrument.



WITNESS my hand and official seal.

Aimee Marsh
Signature of Notary

SEAL

Express Mail Number EV342470502US

PATENT

Attorney Docket No. 200-65300 [2003-00400]

ASSIGNMENT

WHEREAS, WE, PAUL B. RIPPY, KEITH Q. CHUNG, GARY J. GEERDES and CHRISTOPHE P. LEROY, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: _____

PAUL B. RIPPY

State of _____

County of _____

On _____ before me, _____, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

SEAL

ASMM

-1-

Rev. 06/20/02

PATENT
REEL: 014563 FRAME: 0484

PATENT

Attorney Docket No. 200-65300 [2003-00400]


IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: 9/19/03

KEITH Q. CHUNGState of North CarolinaCounty of GranvilleOn 9-19-03 before me, Marianne Toms
Keith Q. Chung

personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of NotaryMy Commission Expires
6-10-2005

SEAL.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: _____

GARY J. GEERDES

State of _____

County of _____

On _____ before me, _____
personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

SEAL

ASMT4

-2-

Rev. 06/20/02

PATENT

Attorney Docket No. 200-65300 [2003-00400]

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: _____

CHRISTOPHE P. LEROY

State of _____

County of _____

On _____ before me, _____, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

SEAL