

08-22-2003

FORM PTO-1595

(Rev. 6-93)

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



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket No. 100.530US01

102532196

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ronald R. Gerlach, Mo-Ching Justine Lau, Ramya Niroshana
DissanayakeAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: August 14, 2003; August 13, 2003; August 13, 2003

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

Name: ADC DSL Systems, Inc.

Street Address: 13625 Technology Drive

City: Eden Prairie State: MN ZIP: 55344-2252Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: August 14, 2003; August 13, 2003; August 13, 2003

A. Patent Application No(s).

B. Patent No(s).

Title: INTEGRATED DIGITAL SUBSCRIBER LINE TRANSCEIVER

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jon M. Powers
Address: Fogg & Associates, LLC
P.O. Box 581339
Minneapolis, MN 55458-13396. Total number of applications and patents involved: 17. Total fee (37 CFR §3.41): \$ 40.00☒ Enclosed
☐ Authorized to be charged to deposit account8. Please charge any additional fees or credit any overpayments to Deposit account number: 502432

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 an original or a true copy of the original document.

Jon M. Powers/ Reg. #43,868
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document(s): 5

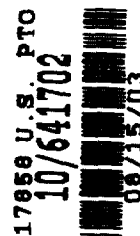
Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents
Box Assignments
Washington, D.C. 20231

08/21/2003 GTDN11 00000018 10641702

01 FC:8021

40.00 0P

PATENT
REEL: 014406 FRAME: 0792

ASSIGNMENT

WHEREAS, WE, Ronald R. Gerlach, residing at, 10708 Morada Dr, Orange, CA 92869, Mo-Ching Justine Lau, residing at, 7639 Live Oak Drive, Orange, CA 92869, and Ramya Niroshana Dissanayake, residing at, 13346 Verona, Tustin, CA 92782, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith which is entitled which is entitled **INTEGRATED DIGITAL SUBSCRIBER LINE TRANSCEIVER** (the "Application").

AND WHEREAS, ADC DSL Systems, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 13625 Technology Drive, Eden Prairie, Minnesota, 55344-2252, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right,

Assignment

Title: INTEGRATED DIGITAL SUBSCRIBER LINE TRANSCEIVER

US APPLICATION SERIAL NO.: UNASSIGNED


ATTORNEY DOCKET: 100.530US01

PAGE 2 OF 4

title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of August, 2003.

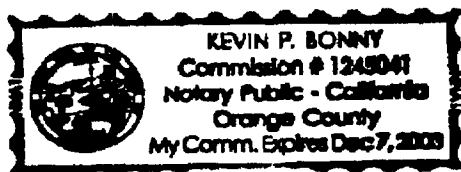

Ronald R. Gerlach

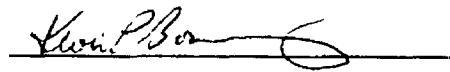
STATE of California
)ss.

COUNTY of Orange

On this 14 day of August, 2003, before me personally appeared Ronald R. Gerlach to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]




Notary Public

Assignment


Title: INTEGRATED DIGITAL SUBSCRIBER LINE TRANSCEIVER

US APPLICATION SERIAL NO.: UNASSIGNED

ATTORNEY DOCKET: 100.530US01

PAGE 3 OF 4

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of August,
2003.

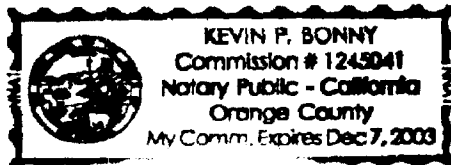

Mo-Ching Justine Lau


STATE of Cyprus)ss.

COUNTY of Orange

On this 13 day of August, 2003, before me personally appeared Mo-Ching Justine Lau to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]





Notary Public

Assignment

Title: INTEGRATED DIGITAL SUBSCRIBER LINE TRANSCEIVER

US APPLICATION SERIAL NO.: UNASSIGNED

ATTORNEY DOCKET: 100.530US01

PAGE 4 OF 4

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of August,
2003.

R. N. Dissanayake

Ramya Niroshana Dissanayake

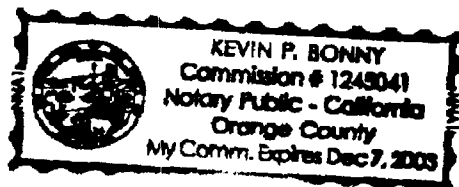
STATE of California

)ss.

COUNTY of Orange

On this 13 day of August, 2003, before me personally appeared Ramya
Niroshana Dissanayake to me known and known to me to be the person described in and who executed the
foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes
therein set forth.

[SEAL]

Kevin P. Bonny

Notary Public