

12-20-2001



To the Honorable Commissioner of Patents 101920284 the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jeffrey Oliver, Craig Evensen

11.9.01

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: November 9, 2001

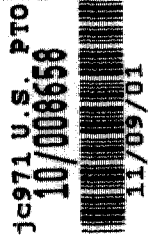
2. Name and address of receiving party(ies):

Name: ADC DSL Systems, Inc.

Street Address: 13625 Technology Drive

City: Eden Prairie State: MN ZIP: 55344

Additional 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: November 9, 2001

A. Patent Application No(s).

10/008658

B. Patent No(s).

Title: **CONCURRENT TRANSMISSION OF TRAFFIC FROM MULTIPLE COMMUNICATION INTERFACES**

Additional numbers attached? Yes No

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

Name: Thomas W. Leffert
Address: Fogg Slifer & Polglaze, P.A.
P.O. Box 581009
Minneapolis, MN 55458-1009

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to Deposit account number: 501373

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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 an original or a true copy of the original document.

Thomas W. Leffert/ Reg. #40,697
Name of Person Signing

Thomas W. Leffert
Signature

Nov 9, 01
Date

Total number of pages including cover sheet, attachments, and document(s): 4

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

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

12/19/2001 TDIAZI 00000163 10008658
01 FC:581 40.00 DP

ASSIGNMENT

WHEREAS, We, Jeffrey Oliver, residing at, 13800 Parkcenter Lane, Apt #118, Tustin, CA 92782, and Craig Evensen, residing at, 32235 Fall River Road, Trabuco Canyon, CA 92679, 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 **CONCURRENT TRANSMISSION OF TRAFFIC FROM MULTIPLE COMMUNICATION INTERFACES** (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, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits,

Assignment

Title: CONCURRENT TRANSMISSION OF TRAFFIC FROM MULTIPLE COMMUNICATION INTERFACES

ATTORNEY DOCKET: 100.344US01

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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.

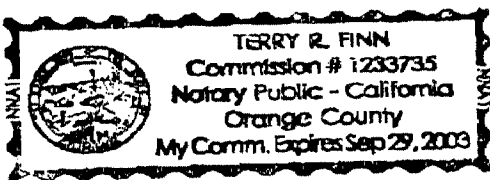
IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of November, 2001.

Jeffrey Robert Oliver
Jeffrey Oliver

STATE of CALIF)
)ss.
COUNTY of ORANGE

On this 9th day of NOVEMBER, 2001, before me personally appeared Jeffrey Oliver 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]



Terry R Finn
Notary Public

