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FORM PTO-1595
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Attorney Docket No. 100.401US01

102653555

To the Honorable Commissioner of Patents and Trademarks: Please record this document as original documents or copy thereof.

1. Name of conveying party(ies):

Randall L. Powers

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 14, 2004

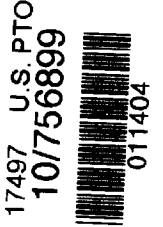
2. Name and address of receiving party(ies):

Name: ADC DSL Systems, Inc.

Street Address: 13625 Technology Drive

City: Eden Prairie State: MN ZIP: 55344-2252

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: January 14, 2004

A. Patent Application No(s).

10756899

B. Patent No(s).

Title: **AUTO-ADAPTATION TO PACKET SIZE ON A PHYSICAL MEDIUM**

Additional numbers attached? Yes No

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

Name: Scott V. Lundberg
Address: Fogg & Associates, LLC
P.O. Box 581339
Minneapolis, MN 55458-1339

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: 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.

Scott V. Lundberg / Reg. #41,958
Name of Person Signing

Signature

1-14-4

Date

Total number of pages including cover sheet, attachments, and document(s): 3

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

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

01/22/2004 BYRNE 0000066 10756899

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40.00 DP

ASSIGNMENT

WHEREAS, I, Randall L. Powers, residing at 3001 Oxbow Ct., Raleigh, Nc., 27613, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States filed herewith which is entitled AUTO-ADAPTATION TO PACKET SIZE ON A PHYSICAL MEDIUM (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, I 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 hereof, 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 I 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, I do agree that me and my 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, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Assignment

Title: AUTO-ADAPTATION TO PACKET SIZE ON A PHYSICAL MEDIUM

ATTORNEY DOCKET: 100.401US01

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AND, furthermore I 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 me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of January, 2004.

Randall L. Powers

Randall L. Powers

STATE of NC

)ss.

COUNTY of Wake

On this 14 day of January, 2004, before me personally appeared Randall L. Powers 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]

Carol A. Powers

Notary Public

My Commission Expires 03/01/05