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1. Name of conveying party(ies):

Donald M. Bishop

4-4-00

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

Pacific Communications Limited  
8/F Bank of America Tower  
12 Harcourt Rd.  
Central Hong Kong SAR PRC

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

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

3. Nature of conveyance:

Assignment

Execution Date: March 7, 2000

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

A. Patent Application No.(s)

09/505,107

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: William W. Cochran, II  
Address: P.O. Box 2903  
Minneapolis, MN 55402-0903

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 our Deposit account number: 13-2725

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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.

William W. Cochran

Name of Person Signing

*William W. Cochran*  
Signature

3/16/00  
Date

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04/26/2000 JSH/BAZZ 00000202 09505107

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(40.00 UF)

**PATENT**  
**REEL: 010723 FRAME: 0974**

necessary or desirable more effectually to secure to and vest in said 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.

AND, furthermore we covenant and agree with said 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 7<sup>th</sup> day of March 2000.

  
\_\_\_\_\_  
Donald M. Bishop

STATE OF Oregon )  
COUNTY OF Washington ) ss.

On this 7<sup>th</sup> day of March 2000, before me personally appeared Donald M. Bishop 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**

WHEREAS, I, Donald M. Bishop, residing at 16280 Mission Oaks Drive, Beaverton, Oregon, 97006, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States (US) on February 15, 2000, which is entitled **METHOD AND APPARATUS FOR COMMUNICATING BETWEEN A SERVER DEVICE AND A LINEAR BROADBAND NETWORK.**

AND WHEREAS, Pacific Communications Limited, a corporation organized and existing under and by virtue of the laws of Western Samoa, and having an office and place of business 8/F Bank of America Tower, 12 Harcourt Rd., Central, Hong Kong SAR, PRC, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in all countries except the US and Canada and to said inventions, improvements and 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 considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries except the US and Canada in and to all inventions and improvements disclosed in the aforesaid 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 country, except the US and Canada for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention for all countries except the US and Canada, and all Letters Patent of all countries except the US and Canada which may be granted therefrom; and we do hereby authorize and request the appropriate authorities in all countries except the US and Canada to issue any and all Letters Patent or equivalent rights for the aforesaid 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 aforesaid, we do hereby 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 said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be

**RECORDED: 04/04/2000**

**PATENT  
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