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PCTEL-005

101056163

To the Honorable Commissioner of Patents and Trademarks. Please return the attached original documents or copy thereof.

1. Name of Conveying party(ies):

YURI OKUNEV
VITALY DRUCKER
QIN WANG
YURI GOLDSTEIN

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

PC TEL, INC

70 RIO ROBLES
SAN JOSE, CA 95134



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Execution Date: 05/18/99

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: 05/18/99

A. Patent Application No.(s)

B. Patent No.(s)

09/315475

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

David P. Gordon
65 Woods End Road
Stamford, CT 06905

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)..... \$40

- Enclosed
- Authorized to charge deposit account

8. Deposit account number: 07-1732
(attach duplicate page if paying by deposit account)

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.

David P. Gordon

David P. Gordon

MAY 20, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

3

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(40.00 US)

ASSIGNMENT

WHEREAS, we, Yuri Okunev, Vitaly Drucker, Qin Wang, and Yuri Goldstein, hereinafter referred to as the "Inventors", citizens of respectively the United States, the United States, China, and the United States, whose post office addresses are respectively,

1023/B Heritage Village, Southbury, CT 06488,
143 Hoyt Street, Apt 1L, Stamford, CT 06905,
25 Cove Road, Bristol, CT 06010, and
924 Bullet Hill Road, Southbury, CT 06488,

have invented certain new and useful improvements in

**TRANSLATION TABLE AND CONSTELLATION DESIGN FOR A PCM
MODEM SUBJECTED TO ALTERNATING ROBBED BIT SIGNALING**

as described and set forth in an application for Letters Patent of the United States of America, executed by us on the 18th day of May, 1999
(Docket No. PCTEL-005).

AND WHEREAS, PC TEL, INC., hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated, and existing under the laws of California, and having a place of business at 70 Rio Robles, San Jose, CA 95134, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the Inventors, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant David P. Gordon, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, we, Yuri Okunev, Vitaly Drucker, Qin Wang, and Yuri Goldstein, have hereunto set our hands and seals this 18th day of May, 1999.

[Signature] (L.S.)
Vitaly Drucker (L.S.)
[Signature] (L.S.)
Y Goldstein (L.S.)

State of Connecticut)
County of New Haven) ss:

BE IT KNOWN, that on this 18th day of May 1999, personally appeared, to me known and known to me to be the individual(s) described in and who executed the foregoing assignment and he/they acknowledged to me that he/they executed the same.

Carrie Martelli
Notary Public

SEAL

My commission expires :