

MRD 10/18/99

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FORM PTO-1619A  
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GPO: 0651-0027U.S. Department of Commerce  
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**PATENT**

101181505

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**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Name (line 1) Wang, David T.K.

Execution Date  
Month Day Year  
10 15 1999

Name (line 2)

**Second Party**

Name (line 1) McNeill, Scott

Execution Date  
Month Day Year  
10 15 1999

Name (line 2)

09/418439

**Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) Nuera Communications, Inc.

Name (line 2) a Corporation of Delaware

Address (line 1) 10445 Pacific Center Court

Address (line 2)

Address (line 3) San Diego

City

California

State/Country

92121

Zip Code

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Address (line 1)

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**PATENT****REEL: 010328 FRAME: 0612**

**Correspondent Name and Address**

Area Code and Telephone Number **858 320 2032**

Name **Merle W. Richman, Esq.**

Address (line 1) **PO Box 3333**

Address (line 2) **La Jolla, CA 92038-3333**

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **2**

**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
**10 14 1999**

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☐ No ☐

**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. Charges to deposit account are authorized, as indicated herein.

**Merle W. Richman, III**

Name of Person Signing

Signature

**10/18/1999**

Date

**ASSIGNMENT**

WHEREAS, we **David T.K. Wang and Scott McNeill**, hereinafter referred to as the assignors, of **928 Santa Estella, Solana Beach, CA 92075, USA and 7675 Palmilla Dr. Apt. 6118, San Diego, CA, 92122 USA**, respectively are the joint inventors of certain new and useful improvements in **Method for Tandem Detection and Tandem Tunneling**

[X] for which an application for a United States Patent was filed herewith; and

[X] for which an application for a United States Patent was executed on **October 14, 1999**; and

WHEREAS, **Nuera Communications, Inc.** hereinafter referred to as the assignee, of **10445 Pacific Center Court, San Diego, California 92121**, a corporation of **Delaware**, is desirous of acquiring the entire right, title and interest in and to the said new and useful improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said new and useful improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said new and useful improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said new and useful improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said new and useful improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said new and useful improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

*[Signature]* (L.S.)  
*David T. K. Wang* (L.S.)

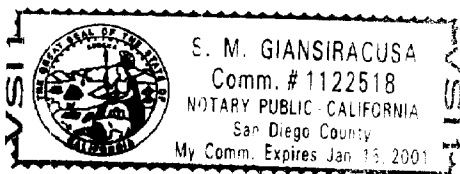
[WHERE ALL INVENTORS SIGN BEFORE THE SAME NOTARY:]

State of California ) SS:

County of San Diego )

On this 15 day of October, 1999, before me personally came the above named not named David T. K. Wang to me personally known and known to me to be the same individuals who executed the foregoing assignment, and who acknowledged to me that they executed the same of their own free will for the use and purposes therein set forth.

Seal



*S. M. Giansiracusa*  
Notary Public