

04-16-2001



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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101673625

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies):

Kirk K. Chang
Enrique Hernandez-Valencia
Wei Luo
Sanjiv Nanda

3-16-01

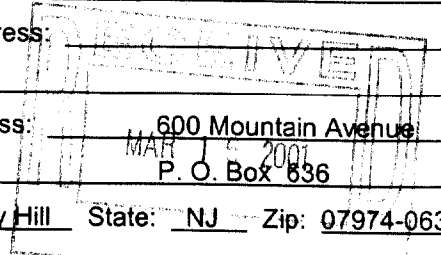
2. Name and address of receiving party(ies)

Name: Lucent Technologies Inc.

Internal Address: _____

Street Address: 600 Mountain Avenue

City: Murray Hill State: NJ Zip: 07974-0636



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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: Jan. 4, 2001, Jan. 8, 2001,
Jan. 25, 2001, Feb. 26, 2001

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 Jan. 2, 2001, Dec. 29, 2000,

A. Patent Application No.(s)

B. Patent No.(s) Jan. 26, 2001, Feb. 26, 2001

09738344

Additional numbers attached? Yes No

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

Name: Lucent Technologies - Docket Administrator

Internal Address: Room 3C-512

P. O. Box 636

Street Address: 600 Mountain Avenue

City: Murray Hill State: NJ Zip: 07974-0636

6. Total number of applications and patents involved: 0 1

7. Total fee (37 CFR 3.41)\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 12-2325

(Attach duplicate copy of this page if paying by deposit account)

04/13/2001 GTDN11 00000260 122325 09738344
01 PD:581 40.00 CH

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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 a true copy of the original document.

Jack R. Penrod
Name of Person Signing

Jack R. Penrod
Signature

3/13/01
Date

Total number of pages including cover sheet, attachments, and document: 5 6

Case Name & No.: K. K. Chang 6-17-1-41

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

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PATENT
REEL: 011668 FRAME: 0353

ASSIGNMENT AND AGREEMENT

For value received, we, Kirk K Chang, of Morganville in the County of Monmouth and the State of New Jersey, and Enrique Hernandez-Valencia, of Highlands in the County of Monmouth and the State of New Jersey, and Wei Luo, of Eatontown in the County of Monmouth and the State of New Jersey, and Sanjiv Nanda, of Clarksburg in the County of Monmouth and the State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **A Method And System For Interleaving Of Full Rate Channels Suitable For Half Duplex Operation And Statistical Multiplexing** described in an application for Letters Patent of the United States, Serial No. 09/738344, filed December 15, 2000, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Kirk K. Chang
Kirk K Chang

Date: 2/26/01

United States of America)

State of New Jersey) ss.:

County of Monmouth

On this 26th day of February, 2001, before me personally came, Kirk K Chang to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso
Notary Public

**MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003**


 _____ 1/25/2001
 Enrique Hernandez-Valencia

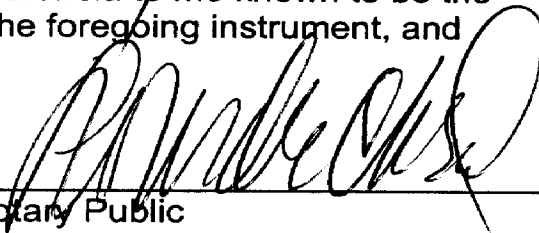
Date: 1/25/01

United States of America)

State of New Jersey) ss.:

County of Monmouth

On this 25th day of January, 2001, before me personally came, Enrique Hernandez-Valencia to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public

LOURDES CHESAL
 Notary Public State of New Jersey
 My Commission Expires 4/24/2001

Wei Luo
Wei Luo

Date: 1/8/2001

United States of America)


State of *New Jersey*) ss.:

County of *Monmouth*)

On this 8th day of January, 2001, before me personally came, Wei Luo to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso
Notary Public

**MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2009**


Sanjiv Nanda

Date: 1/4/2001

United States of America)

State of *New Jersey*) ss.:

County of *Monmouth*)

On this 4th day of January, 2001, before me personally came, Sanjiv Nanda, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

**MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003**

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636