

07-20-1998



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U.S. PTO
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MRD 7-2-98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies.

1. Name of conveying party(ies):
Howard C. Huang Giovanni Vannucci
Laurence Eugene Mailaender
Additional names of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Lucent Technologies Inc.
Internal Address: Docket Administration
Room 3C-512

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Street Address: 600 Mountain Avenue
P.O. Box 636
City: Murray Hill State: NJ Zip: 07974-0636

Execution Date: July 1, 1998

Additional Name(s) and 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:
July 1, 1998

A. Patent Application No. (s)

B. Patent No. (s)

Additional numbers attached? Yes No

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

Name: Wilford L. Wisner
Internal Address: _____

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

Street Address: 2453 Del Webb Boulevard East

City: Sun City Center State: FL ZIP: 33573-6972

8. Deposit account number: 12-2325

(Attach duplicate copy of this page, if dep. acc't used)

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 a true copy of the original document.

Wilford L. Wisner
Name of Person Signing

Wilford L. Wisner
Signature

July 2, 1998
Date

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

(Fill in number of pages)

Huang 10-5-29 (Case Name)

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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07/13/1998 JMWTK/MS
01 FC:581

ASSIGNMENT AND AGREEMENT

For value received, we, Howard C. Huang of Hoboken, Hudson County, New Jersey, Laurence Eugene Mailaender of Hoboken, County of Hudson, and State of New Jersey, and Giovanni Vannucci of Township of Middletown, County of Monmouth, and 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, P.O. Box 636, 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 CODE DIVISION MULTIPLE ACCESS COMMUNICATION WITH ENHANCED MULTIPATH DIVERSITY described in an application for Letters Patent of the United States, executed by me of even date herewith, 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.

Huang 10-5-29

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.

Howard C. Huang

Howard C. Huang

Date: 7-1-98

United States of America)

State of N.J.) ss.: 051-30-7571

County of Monmouth)

On this 1 day of July, 1998, before me personally came Howard C. Huang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

John M. Shepherd

Notary Public

MY COMMISSION EXPIRES
8-18-002

Huang 10-5-29

Laurence Eugene Mailaender

Laurence Eugene Mailaender

Date: 7-1-98

United States of America

State of HI ss.: 051-36-7571

County of Jefferson

On this 1 day of July, 1998, before me personally came Laurence Eugene Mailaender, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public

MY COMMISSION EXPIRES
8-10-2002

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Huang 10-5-29

Giovanni Vannucci
Giovanni Vannucci

Date: July 1, 1998

United States of America)

State of NJ

) ss.: 051-30-7571

County of Monmouth)

On this 1 day of July, 1998, before me personally came Giovanni Vannucci, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public

MY COMMISSION EXPIRES
2-13-2002

PATENT