

5-4-05

FORM PTO-1595
(Rev. 6-93)
OMB-0651-0011

RECOI

05-11-2005



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents

1 original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Utku Azman
- 2. Monica Casado-Fernandez
- 3. Mark E Newbury
- 4. Hong Yang

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

3. Nature of conveyance:

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

Execution Date(s): May 4, 2005

103000289

2. Name and address of receiving party(ies)

Name: Lucent Technologies Inc.

Internal Address: _____

Street Address: 600 Mountain Avenue
P.O. Box 636

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

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

12987 U.S. PTO
11/12/03



050405

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: May 4, 2005.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Docket Administrator

Internal Address: Room 3J-219

Street Address: 101 Crawfords Corner Road

City: Holmdel State: NJ ZIP: 07733-3030

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. Deposit account number: 12-2325

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

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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.

Stephen M. Gurey
Name of Person Signing

Stephen M. Gurey
Signature

May 4, 2005
Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:

05/10/2005 DBYRNE 00000106 122325 11121432
01 FC:8021 40.00 DA

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
PO Box 1450, Alexandria, VA 22313-1450

Case Name/No.: Azman 2-4-3-1-7

"Express Mail" mailing label number EY338229048US

Date of Deposit May 4, 2005

I hereby certify that this Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Margaret Cardoso
Margaret Cardoso

ASSIGNMENT AND AGREEMENT


For value received, we, Utku Azman, of Wayne in the County of Passaic and the State of New Jersey, and Monica Casado-Fernandez, of Swindon in the County of Wiltshire and the Country of Great Britain, and Mark E Newbury, of Hillsborough in the County of Somerset and the State of New Jersey, and Hong Yang, of Ledgewood in the County of Morris and the State of New Jersey, and Hai Zhou, of Faringdon in the County of Oxfordshire and the Country of Great Britain, 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 **METHOD FOR ESTIMATING THE DOWNLINK CAPACITY IN A SPREAD SPECTRUM WIRELESS COMMUNICATIONS SYSTEM** described in an application for Letters Patent of the United States, executed by us of even date herewith, which claims priority of United States Provisional Serial No. 60/662835, filed March 17, 2005, 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.



Utku Azman

Date: 5/4/05

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 4th day of May, 2005, before me personally came, Utku Azman to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

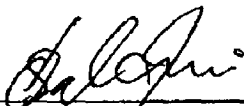
MARGARET CARDOSO
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES DECEMBER 2, 2008



Monica Casado-Fernandez

Date: 4 / 05 / 2005

On this 5th day of MAY, 2005, before me personally came, Monica Casado-Fernandez to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Iqbal Tariq

Mark E. Newbury
Mark E Newbury

Date: May 4, 2005

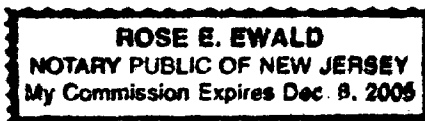
United States of America)

State of New Jersey) ss.:

County of Morris)

On this 4th day of May, 2005, before me personally came, Mark E Newbury to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rose E. Ewald
Notary Public



Hong Yang
Hong Yang

Date: May 4, 2005

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 4th day of May, 2005, before me personally came, Hong Yang 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
STATE OF NEW JERSEY
MY COMMISSION EXPIRES DECEMBER 2, 2008

H. Zhou

Hai Zhou

Date: 4 May 2005

On this 4 day of MAY, 2005, before me personally came, Hai Zhou to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Iqbal Jami

Notary Public

Iqbal Jami

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030