

9/29/05

10-12-2005

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

REC



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents

103097953

attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Rainer Walter Bachl
- 2. Anil M Rao
- 3. Mirko Schacht
- 4. Henry Hui Ye

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

3. Nature of conveyance:

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

Execution Date(s): 1. 9/29/05; 2. 9/28/05; 3. 9/29/05;
4. 9/28/05.

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

113219 U.S. PTO
11/23/04
092905

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: 09/29/2005.

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)

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.

Stephen M. Gurey
Name of Person Signing

Stephen M. Gurey
Signature

September 29, 2005
Date

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

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

10/11/2005 BYRME 0000053 122325 11239604 Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

01 FC:0021

40.00 BA

Case Name/No.: Bachl 14-12-13-11

"Express Mail" mailing label number EV338228935US Date of Deposit 09/29/2005
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: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Margaret Cardoso
Margaret Cardoso

PATENT
REEL: 017161 FRAME: 0614

ASSIGNMENT AND AGREEMENT

For value received, we, Rainer Walter Bachl, of Nuremberg in the County of Bavaria and the Country of Germany, and Anil M Rao, of Cedar Knolls in the County of Morris and the State of New Jersey, and Mirko Schacht, of Nuremberg in the County of Bavaria and the Country of Germany, and Henry Hui Ye, of Ledgewood in the County of Morris 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 **Method Of Increasing The Capacity Of Enhanced Data Channel On Uplink In A Wireless Communications System** described in an application for Letters Patent of the United States, executed by us 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.

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.

Rainer Bachl
Rainer Walter Bachl

Date: 29 Sept. 05

On this 29th day of September, 2005, before me personally came, **Rainer Walter Bachl** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Peter Gunreben
Witness **PETER GUNREBEN**

Anil M Rao
Anil M Rao

Date: 9/28/05

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 28th day of September, 2005, before me personally came, **Anil M Rao** 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

Mirko Schacht
Mirko Schacht

Date: 29.9.05

On this 29th day of September, 20 05, before me personally came, **Mirko Schacht** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Peter Gunreben
Witness **PETER GUNREBEN**



Henry Hui Ye

Date: 09/28/05

United States of America)

State of New Jersey) ss.:

County of Marria)

On this 28th day of September, 2005, before me personally came, **Henry Hui Ye** 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

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