



To the Honorable Commission

101889791

of the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Arnab Das
- 2. Farooq Ullah Khan

*10/18/01*

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

2. Name and address of receiving party(ies)

Name: Lucent Technologies Inc.

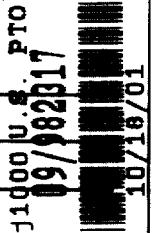
Internal Address: \_\_\_\_\_

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



3. Nature of conveyance:

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

Execution Date(s): October 17, 2001

4. Application number(s) or patent number(s):

*09/982317*

If this document is being filed together with a new application, the execution date of the application is: Oct. 17, 2001

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.

Gregory J. Murgia

Name of Person Signing

*[Signature]*  
Signature

10/17/01  
Date

Total number of pages including cover sheet, attachments, and document: 4

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

Case Name/No.: Das 12-16

10/29/2001 DBYRNE 00000056 122325 09982317

01 FC:581 40.00 CH

## ASSIGNMENT AND AGREEMENT

For value received, we, Arnab Das, of Old Bridge in the County of Middlesex and the State of New Jersey, and Farooq Ullah Khan, of Manalapan 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 Hybrid Transmission Method For Wireless Communications** 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.

Arnab Das  
Arnab Das

Date: 10/17/2001

United States of America )

State of New Jersey ) ss.:

County of Monmouth )

On this 17<sup>th</sup> day of October, 2001, before me personally came, Arnab Das to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sharon L. Lobosco  
Notary Public


SHARON L. LOBOSCO  
Notary Public, State of New Jersey  
No. 2278076  
Qualified in Ocean County  
Commission Expires August 14, 2006

  
Farooq Ullah Khan

Date: 10/17/01

United States of America )  
State of New Jersey ) ss.:  
County of Monmouth

On this 17<sup>th</sup> day of October, 2001, before me personally came, Farooq Ullah Khan to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**SHARON L. LOBOSCO**  
Notary Public, State of New Jersey  
No. 2278076  
Qualified in Ocean County  
Commission Expires August 14, 2006

Lucent Technologies Inc.  
Docket Administrator (Room 3C-512)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030