



To the Honorable Commissioner of Patent

attached original documents or copy thereof.

103341474

1. Name of conveying party(ies):

- 1. Pantelis Monogioudis
- 2. Shirish Nagaraj
- 3. Sivarama Krishnan Venkatesan
- 4. Harish Viswanathan

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. 10/12/06; 2. 10/10/06  
3. 11/15/06; 4. 10/6/06

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

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: \_\_\_\_\_

A. Patent Application No.(s) 11/516840

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.

Martin I. Finston

Name of Person Signing

Signature

Nov. 20, 2006

Date

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

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

Mail Stop Assignment Recordation Services  
Director of the US Patent and Trademark Office  
PO Box 1450

Alexandria, VA 22313-1450

11/27/2006 DBYRNE 00000188 122325 11516840

01 FC:800 Case Name: Pantelis Monogioudis 31-26-3-42

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450, on 11/21 2006.

  
Margaret Cardoso

11.27.06

OFFICE OF THE COMMISSIONER OF PATENT AND TRADEMARK OFFICE  
NOV 27 11:12 AM '06  
FINANCE SECTION

## ASSIGNMENT AND AGREEMENT

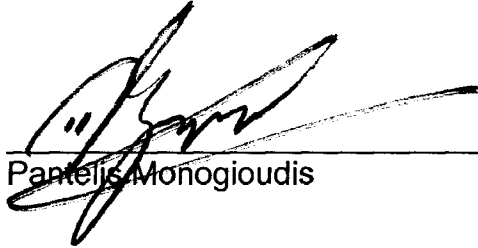
For value received, we, Pantelis Monogioudis, of Randolph in the County of Morris and the State of New Jersey, and Shirish Nagaraj, of Cedar Knolls in the County of Morris and the State of New Jersey, and Sivarama Krishnan Venkatesan, of Secaucus in the County of Hudson and the State of New Jersey, and Harish Viswanathan, of Morristown 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 OFDM Communication Using Superposition Coding** described in an application for Letters Patent of the United States, Serial No. 11/516840, filed September 7, 2006, 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.

  
Pantelis Monogioudis

Date: 10/12/08

United States of America )

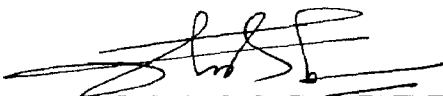
State of New Jersey ) ss.:

County of Morris )

On this 12<sup>th</sup> day of October, 2008, before me personally came, **Pantelis Monogioudis** 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



**Shirish Nagaraj**

Date: 10/10/06

United States of America )

State of New Jersey ) ss.:

County of Morris )

On this 10<sup>th</sup> day of October, 20 06, before me personally came, **Shirish Nagaraj** 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

  
Sivarama Krishnan Venkatesan

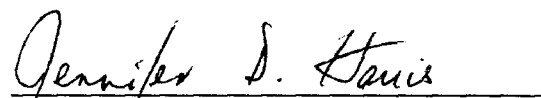
Date: 11/15/2006

United States of America )

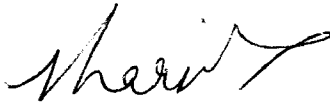
State of NEW JERSEY ) ss.:

County of MIDDLESEX )

On this 15<sup>th</sup> day of NOVEMBER, 2006, before me personally came, **Sivarama Krishnan Venkatesan** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

JENNIFER D. HARRIS  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES NOV 23, 2009



**Harish Viswanathan**

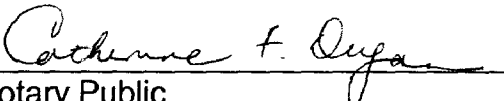
Date: Oct 6<sup>th</sup>, 2006

United States of America )

State of New Jersey ) ss.:

County of Union )

On this 6<sup>th</sup> day of October, 2006, before me personally came, **Harish Viswanathan** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**CATHERINE F. DUGAN**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 1/17/2007**

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