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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and

102479072

original documents or copy thereof.

1. Name of conveying party(ies):
 1. Angeliki Alexiou
 2. Mohammed Qaddi

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): 1. 04/11/03; 2. 04/11/03.

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)
10/392935

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

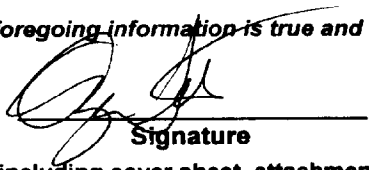
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

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.

Ozer M. N. Teitelbaum  June 12, 2003
 Name of Person Signing Signature Date

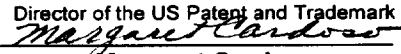
Total number of pages including cover sheet, attachments, and document: 4

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

Case Name/No.: Alexiou 2-1

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 June 12, 2003.


 Margaret Cardoso

06/19/2003 EDOOPER 0000047 122325 10392935
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PATENT
 REEL: 014179 FRAME: 0550

ASSIGNMENT AND AGREEMENT

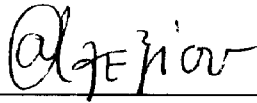
For value received, we, Angeliki Alexiou, of Swindon in the County of Wiltshire and the Country of Great Britain, and Mohammed Qaddi, of Swindon in the County of Wiltshire and the Country of Great Britain, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, 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 **Linear Transformation Of Symbols To At Least Partially Compensate For Correlation Between Antennas In Space Time Block Coded Systems** 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.



Angeliki Alexiou

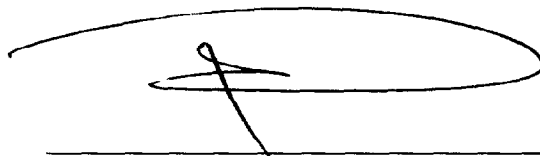
Date: 11 APRIL 2003

On this 11 day of April, 2003, before me personally came, Angeliki Alexiou to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



J.A. Shayler


Commissioner of Oaths/Other Witness



Mohammed Qaddi

Date: 11 April 2003

On this 11 day of April, 2003, before me personally came, Mohammed Qaddi to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



J.A. Shaylor
Commissioner for Oaths/Other Witness

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