

08-20-1999

Atty. Docket No. 3037-4163



101123628

To The Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Mohsen Sarraf Mohammad Zarrabizadeh</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 8-11-99</p>	<p>2. Name and address of receiving party(ies): Name: Lucent Technologies, Inc. Address: 600 Mountain Ave Murray Hill, NJ 07974-0636</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: Assignment <input type="checkbox"/> Other Execution Date(s): <u>08/09/99</u></p>	<p>4. Patent Application number(s) New Application entitled, "A NEW INTERLEAVER SCHEME IN AN OFDM SYSTEM WITH MULTIPLE-STREAM DATA SOURCES" Filing Date(s): <u>08/11/99</u> 09/371902</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert C. Bertin Address: Morgan & Finnegan, L.L.P. 345 Park Avenue New York, NY 10154</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00 ✓ <input checked="" type="checkbox"/> Charge to Deposit Account No.: 12-2325 ✓ <input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 12-2325. ✓ (A duplicate copy of this sheet is enclosed)</p>



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8. 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 original document.

Name of Person Signing Signature *Robert C. Bertin* Date: *August 11, 1999*
 Robert C. Bertin, Reg. 41,488 Total no. of pages including cover sheet, attachments and document: 4

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ASSIGNMENT AND AGREEMENT

For value received, we, Mohsen Sarraf of Rumson in the County of Monmouth and State of NJ, and Mohammad Zarrabizadeh of Woodbridge in the County of Middlesex and State of NJ, 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 NEW INTERLEAVER SCHEME IN AN OFDM SYSTEM WITH MULTIPLE-STREAM DATA SOURCES** 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. they 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.


Mohsen Sarraf

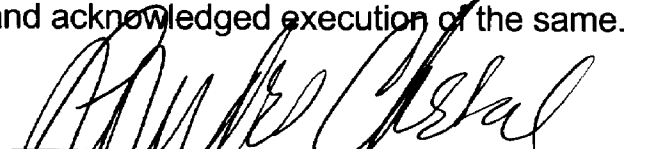
Date: 8/9/99

United States of America)

State of New Jersey) ss.:

County)
City of Monmouth)

On this 9th day of August, 19 99, before me personally came Mohsen Sarraf, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

LOURDES CEPHAL
Notary Public State of New Jersey
My Commission Expires 4/24/2001

Zarrabizadeh
Mohammad Zarrabizadeh

Date: 08/09/99

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 9th day of August, 1999, before me personally came Mohammad Zarrabizadeh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lourdes Chesal
Notary Public

Morgan & Finnegan, L.L.P.
345 Park Avenue
New York, NY 10154

LOURDES CHESAL
Notary Public State of New Jersey
My Commission Expires 12/31/2001