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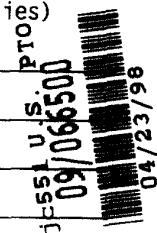


U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

<p>1. Name of conveying party(ies): <u>MOR 4-23-98</u> G.N. Srinivasa Prasanna</p> <p>Additional name(s) of conveying party(ies) attached? [] Yes [X] No</p>	<p>2. Name and Address of receiving party(ies) Name: <u>Lucent Technologies Inc.</u> Internal Address: _____ Street Address: <u>600 Mountain Avenue</u> <u>P.O. Box 636</u> City: <u>Murray Hill</u> State: <u>NJ</u> ZIP: <u>07974-0636</u> Additional name(s) & address(es) attached? [] Yes [X] No</p>
<p>3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other _____</p> <p>Execution Date: <u>April 21, 1998.</u></p>	



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: April 21, 1998.

A. Patent Application No.(s)	B. Patent No.(s)
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Additional numbers attached? [] Yes [X] No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Steve Mendelsohn</u> Internal Address: <u>Weiser & Associates, P.C.</u> Street Address: <u>230 S. 15th Street</u> <u>Suite 500</u> City: <u>Philadelphia</u> State: <u>PA</u> ZIP: <u>19102</u></p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total Fee (37 CFR 3.41).....<u>\$40.00</u> [] Enclosed [X] Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>12-2325</u> (attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p>LAW OFFICES Weiser & Associates, P.C. SUITE 500 230 SO. FIFTEENTH ST. PHILADELPHIA, PA 19102 (215) 875-8383 FACSIMILE (215) 875-8394</p> <p>Name of Person Signing: <u>Steve Mendelsohn</u></p>	<p><u>Steve Mendelsohn</u> Signature</p>	<p><u>4/24/98</u> Date</p>
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Total number of pages including cover sheet, attachments, and document: 3

Prasanna 6 990.0087 Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231
PATENT
REEL: 9165 FRAME: 0531

ASSIGNMENT AND AGREEMENT

For value received, I, G.N. Srinivasa Prasanna of Clinton in the County of Hunterdon and 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, P.O. Box 636, 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 **Phase-Based Receiver With Multiple Sampling Frequencies** described in an application for Letters Patent of the United States, executed by me 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 I 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.

I 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 me. any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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.

I 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.

Attorney Docket No.: Prasanna 6

I agree that, when requested, I 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 protections.

G. N. Srinivasa Prasanna
G.N. Srinivasa Prasanna

Date: April 21 1998

United States of America)

State of New Jersey) ss.:

County of Union)

On this 21st day of April, 19 98, before me personally came G.N. Srinivasa Prasanna, to me known to be the individual described in and who executed the foregoing instrument, and acknowledge execution of the same.

Patricia M. Lott
Notary Public

**PATRICIA M. LOTT
NOTARY PUBLIC OF NEW JERSEY
Registered in Somerset County
My Commission Expires March 24, 2003**

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