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103286979 accomments or the new address(es) below. To the Director of the U.S. Patent and Name of conveying party(ies)/Execution Date: 2. Name and address of receiving party(ies): Colin J. McKinstrie Name: Lucent Technologies Inc. Stojan Radic Internal Address: Execution Date: 02/25/2005, 02/27/2005 Additional name(s) of conveying party(ies) attached? Yes X No Street Address: 600 Mountain Avenue 3. Nature of conveyance: P.O. Box 636 [X] Assignment ☐ Merger City: Murray Hill ☐ Change of Name ☐ Security Agreement State: NJ □ Government Interest Assignment Country: <u>USA</u> Zip: <u>07974-0636</u> □ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached?

Yes [X] No ☐ Other ________ 4. Application or patent number(s): [] This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No. (s) 11/068,555 Additional numbers attached?

Yes [X] No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40500 Name: Steve Mendelsohn Mendelsohn & Associates, P.C. [X] Authorized to be charged by credit card Internal Address: Street Address: 1515 Market Street Authorized to be charged to deposit account Suite 715 [] Enclosed Philadelphia_ City:_____ None required (government interest not affecting title) PA Zip: 19102 State:____ Phone Number: 215-557-6656 8. Payment Information: 움 Fax Number: 215-557-8477 40.0 a. Credit Card Last 4 Numbers 5171 Expiration Date 10/31/08 Email Address: b. Deposit Account Number ___ Authorized User Name ____ 9. Signature: Yuri Gruzdkov

Name of Person Signing

Signature

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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

Attorney Docket No.: McKinstrie 7-10

O/R: 990.0552

Customer No.: 46850 Attorney Docket No.: McKinstrie 7-10

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Colin J. McKinstrie of Manalapan in the County of Monmouth and State of New Jersey,

Stojan Radic of **Solana Beach** in the County of San Diego and State of California,

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 **Parametric Amplification Using Two Pump Waves** described in an application for Letters Patent of the United States, identified using the same Attorney Docket No., 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.

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 protection.

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16:55

Customer No.: 46850

-2-

Attorney Docket No.: McKinstrie 7-10

Colin U. Hakinotria

Colin J. McKinstrie

Date: 02/25/05

United States of America

State of New Jersey) ss.:

County of Monmouth

25th day of rebruary , 2005, before me personally came Colin J. McKinstrie, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Notary Public, State of New Jar. No. 2278076 Qualified in Ocean C Commisssion Expires Augus

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Customer No.: 46850

Attorney Docket No.: McKinstrie 7-10

Stojan Radic

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Date: 02/27/05

United States of America

State of CALIFORLIA

)ss.: 0 53-78-0070

County of U.S.

On this 27 day of FEBRURY, 2005, before me personally came *Stojan Radic*, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Lucent Technologies Inc. 600 Mountain Avenue (Room 3C-512) P. O. Box 636 Murray Hill, New Jersey 07974-0636

RECORDED: 08/04/2006

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