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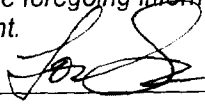


SHEET U.S. Department of

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Patent and Trademark Office

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

1. Name of conveying party(ies): Jiancheng Mo Malcolm Smith Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Lucent Technologies Inc.</u> Internal Address: Street Address: <u>600 Mountain Avenue</u> City: <u>Murray Hill</u> State: <u>NJ</u> Zip: <u>07974-0636</u> Country: <u>USA</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): 3/3/99 and 3/4/99, respectively.	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the Execution date(s) of the new application is (are): _____ A. Patent Application No.(s): _____ B. Patent No.(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Internal Address: <u>Atty Dckt.: MO-7-10</u> Attn: <u>Thomas J. D'Amico</u> Street Address: 2101 L Street NW City: Washington State: DC Zip: 20037-1526	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R 3.41) \$ <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Credit any overpayment or debit any underpayment 8. Deposit account number: 12-2325
06/07/1999 JSMB:BAZZ 00000037 122325 DICKSTEIN SHAP 01 FC:58: 40 00 CH	
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. <u>Thomas J. D'Amico</u>  <u>June 4, 1999</u> Signature Date Reg. No. 28,371	
Total number of pages including cover sheet, attachments, and document: 4	

ASSIGNMENT AND AGREEMENT

For value received, we, Malcolm H. Smith of Macungie in the County of Lehigh and State of Pennsylvania, and Jiancheng Mo of Allentown in the County of Lehigh and State of Pennsylvania, 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 **CLOCKING TECHNIQUE FOR REDUCING SAMPLING NOISE IN AN ANALOG-TO-DIGITAL CONVERTER**, 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.

Malcolm H. Smith

Malcolm H. Smith

Date: 3/3/99

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 3rd day of March, 19 99, before me personally came Malcolm H. Smith, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Doreen M. Micheletti
Notary Public

NOTARIAL SEAL
DOREEN M. MICHELETTI, Notary Public
Breinigsville, Lehigh County
My Commission Expires Oct. 30, 2000


Jiancheng Mo

Date: 3-4-98

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 4th day of March, 19 99, before me personally came Jiancheng Mo, 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