

10-22-1998

Form PTO-1595
(Rev. 5-93)
OMB No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100856926

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

1. Name of conveying party(ies):

Ramin Khoini-Poorfard

Additional name(s) of conveying party(ies) attached?
 Yes No

3. Nature of conveyance:

MRD 10.14.98

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 10/09/98

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

4. Application number(s) or patent number(s): 09172376

If this document is being filed together with a new application, the execution date of the application is: 10/09/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Steve Mendelsohn

Internal Address: Weiser & Associates, P.C.

Street Address: 230 S. 15th Street

Suite 500

City: Philadelphia State: PA ZIP: 19102

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.

LAW OFFICES
Welsler & Associates, P.C.
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230 SO FIFTEENTH ST
PHILADELPHIA, PA 19102
(215) 875-8383
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Ian M. Hughes

Name of Person Signing

Ian M. Hughes
Signature

10/21/1998 JWA/ELW 00000002 122325
09172376
10/14/98
01 FC:501

Total number of pages including cover sheet, attachments, and document: 3

Khoini-Poorfard 4 Mail documents to be recorded with required cover sheet information to:
990.0123 Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 9518 FRAME: 0513

ASSIGNMENT AND AGREEMENT

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

Ramin Khoini-Poorfard 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 **Digital Filter And Method For A Mash Delta-Sigma Modulator** 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.

LAW OFFICES
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Ramin Khoini-Poorfard
Ramin Khoini-Poorfard

Date: Oct., 9th, 98

United States of America)

State of Penna) ss.:

County Lehigh)
City of Lehigh)

On this 9th day of October, 19 98, before me personally came Ramin Khoini-Poorfard, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Doreen Micheletti

Notary Public

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

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