

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

1. Name of conveying party(ies):

Dale H. Nelson
Tseng-Nan Tsai

6/28/99

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

2. Name and address of receiving party(ies)

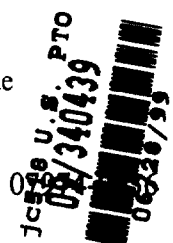
Name: Lucent Technologies, Inc.

Internal Address:

Street Address: 600 Mountain Avenue
P.O. Box 636

City: Murray Hill State: NJ Zip: 079

Additional name(s) & address(es) attached? Yes No



3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name

Other:

Execution Date: June 24, 1999

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

09/340439

If this document is being filed together with a new application, the execution date of the application is: June 24, 1999

A. Patent Application No.(s)

B. Patent No.(s)

07-09-1999



101086924

Additional numbers attached? Yes No

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

Name: John E. Curtin, Esquire

Internal Address: 6862 Elm Street, Seventh Floor

Street Address:

City: McLean State: VA Zip: 22101

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$

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.

07/09/1999 MTHAI1 00000004 122325 09340439

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John E. Curtin

Name of Person Signing

Signature

June 28, 1999

Date

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

3

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

PATENT
REEL: 010072 FRAME: 0715

ASSIGNMENT AND AGREEMENT

For value received, we, Dale H. Nelson of Shillington in the County of Berks and State of Pennsylvania, and Tseng-Nan Tsai 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 **Methods And Devices For Reducing Sampling Noise In Analog Signals Using Linear Interpolation** 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 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.

Dale H. Nelson

Dale H. Nelson

Date June 24, 1999

United States of America)

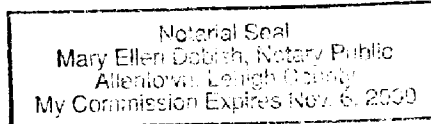
State of Pennsylvania) ss.:

City of Allentown
Lehigh County)

On this 24 day of June, 1999, before me personally came Dale H. Nelson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary Ellen Dobish
Notary Public

My Commission expires: _____



Member, Pennsylvania Association of Notaries

Tseng-Nan Tsai
Tseng-Nan Tsai

Date June 24, 1999

United States of America)

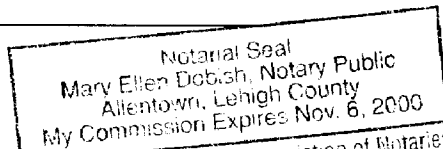
State of Pennsylvania) ss.:

City of Allentown
Lehigh County)

On this 24 day of June, 1999, before me personally came Tseng-Nan Tsai, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary Ellen Dobish
Notary Public

My Commission expires: _____



Member, Pennsylvania Association of Notaries