

06-18-1998

To the Honorable Commissioner of Patents and Trade Documents or copy thereof.

1. Name of conveying party(ies): NRD 5-29-98
 Dale H. Nelson, Iconomos A. Koullias
 Additional name(s) of conveying party(ies) attached? () Yes (x) No

3. Nature of conveyance:
 (x) Assignment () Merger
 () Security Agreement () Change of Name
 () Other _____
 Execution Date: 5/28/98

100741766
 Name: Lucent Technologies Inc.
 Internal Address: _____
 Street Address: 600 Mountain Avenue
P.O. Box 636
 City: Murray Hill State: New Jersey ZIP: 07974-0636
 Additional name(s) and address(es) attached? () Yes (x) No

4. Application number(s) or patent number(s): 09/086842
 If this document is being filed together with a new application, the execution date of the application is: 5/28/98
 A. Patent Application No.(s) | B. Patent No.(s)
 Additional numbers attached: () Yes (x) No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: William H. Murray, Esq.
 Internal Address: _____
 Street Address: Duane, Morris & Heckscher LLP
One Liberty Place
 City: Philadelphia State: PA ZIP: 19103-7396

6. Total number of applications and patents involved: (One)
 7. Total fee (37 CFR 3.41).....\$40.00
 () Enclosed
 (X) Authorized to be charged to deposit account
 8. Deposit account number:
12-2325

06/17/1998 DMGUYEN 00000336 122325 09086842
 01 FC:581 40.00 CH

DO NOT USE THIS SPACE

9. Statement and signature.
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy if a true copy of the original document.

WILLIAM H. MURPHY [Signature] 5/29/98
 Name of person signing Signature Date

Total number of pages including cover sheet, attachments, and document (Four)

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ASSIGNMENT AND AGREEMENT

For value received, we, Dale H. Nelson, of Shillington in the County of Berks and State of Pennsylvania, and Iconomos A. Koullias, of Reading in the County of Berks 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, 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 a **Active Substrate Noise Injection Cancellation** 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 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.

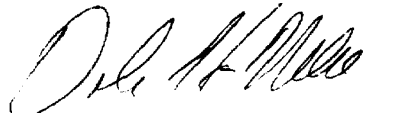
We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization 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. may designate.

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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.

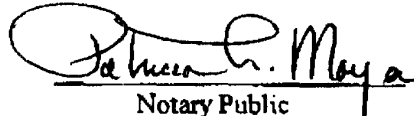
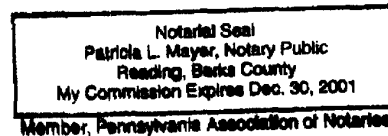


Dale H. Nelson

Date: MAY 28, 1998

United States of America)
State of PENNSYLVANIA)ss:
County of BERKS)

On this 28th day of MAY, 1998, 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.


Notary Public

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Iconomos A. Koullias
Iconomos A. Koullias

Date: May 28, 1998

United States of America)

State of PENNSYLVANIA)ss:

County of BERKS)

On this 28TH day of MAY, 1998, before me personally came Iconomos A. Koullias, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia L. Meyer
Notary Public

Notarial Seal
Patricia L. Meyer, Notary Public
Reading, Berks County
My Commission Expires Dec. 30, 2001
Member, Pennsylvania Association of Notaries