

12-07-1998



Form PTO-1595 (Rev 6-93)  
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patents and Trademark Office

100913462

MED 11-3098

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

1. Name of conveying party(ies):

JOHN MICHAEL KHOURY

2. Name and address of receiving party(ies):

Name: Lucent Technologies Inc.

Internal Address: \_\_\_\_\_

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: FEB 27, 1997

Street Address: 600 Mountain Avenue, Room 3C-512  
PO Box 636

City: Murray Hill State: N.J. Zip: 07974-0636

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

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

If this document is being filed together with a new application, the execution date of the application is: 2/20/97

A. Patent Application No(s).

08/805,946

B. Patent No(s).

Additional numbers attached?  Yes  No

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

Name: Arthur J. Torsiglieri

Internal Address: \_\_\_\_\_

Street Address: 2 Linden Lane

City: Chatham State: NJ Zip: 07928

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:

Deposit Account No. 12-2325

(Attach duplicate copy of this page if paying by deposit account)

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 is a true copy of the original document.

Arthur J. Torsiglieri

Name of Person Signing

Arthur J. Torsiglieri

Signature

Case 9 Art  
Nov 24, 1998

Case

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, DC 20231

PATENT  
REEL: 9616 FRAME: 0192

## ASSIGNMENT AND AGREEMENT

For value received, I, John Michael Khoury, of New Providence in the County of Union and State of New Jersey, 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 **A Finite Impulse Response Filter** 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 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.

J.M. Khoury 9

I agree that, when requested, I shall 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.

John Michael Khoury  
John Michael Khoury

Date: 2/27/97

United States of America )  
State of New Jersey ) ss.:  
County of Union )

On this 27<sup>th</sup> day of February, 1997, before me personally came John Michael Khoury, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Rao  
Notary Public

**MARGARET RAO**  
**Notary Public of New Jersey**  
**Registered in Middlesex County**  
**My Commission Expires August 2, 2001**

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