

D #

MRD 4-30-98



06-09-1998



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0651-0011 (exp. 4/94)

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

1. Name of conveying party(ies):

Peicheng Ju  
Krishnaswany Nagaraj

Additional name(s) of conveying party(ies) attached?

Yes  No

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

Name: Lucent Technologies Inc.

Internal Address:

Post Office Address: 600 Mountain Avenue  
P.O. Box 636  
Murray Hill, New Jersey 07974-0636

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: March 11, 1998 and March 17, 1998

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

If this document is being filed with a new application, the execution date of the application is: March 11, 1998 and March 17, 1998

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

SERIAL NO. 09/016,613

Additional numbers attached?  Yes  No

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

Name: Glenn W. Boisbrun  
Hitt Chwang & Gaines, P.C.  
Internal Address: 225 University Plaza  
275 West Campbell Road  
Richardson, Texas 75080

Street Address: Same

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to charge deposit account

8. Deposit account number: 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.

Glenn W. Boisbrun, Reg. No. 39,615  
Name of Person Signing

[Signature]  
Signature

4/27/98  
Date

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

06/05/1998 JMWTKINS 00000170 122325 09016613

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PATENT  
REEL: 9216 FRAME: 0421

**ASSIGNMENT AND AGREEMENT**

For value received, we, Peicheng Ju, resident of Summit, in the County of Union and State of New Jersey, and Krishnaswamy Nagaraj, resident of Somerville, in the County of Somerset 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 "FIVE-LEVEL SWITCHED-CAPACITOR DAC, METHOD OF OPERATION THEREOF AND SIGMA-DELTA CONVERTER EMPLOYING THE SAME" 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, or to such nominees as they may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Peicheng Ju  
Peicheng Ju

Date: March 11, 1998

United States of America )

State of New Jersey ) ss.:

County of Union )

On this 11th day of March, 1998, before me personally came Peicheng Ju, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Catherine F. Dugan  
Notary Public

**CATHERINE F. DUGAN**  
**Notary Public of New Jersey**  
**Registered in Somerset County**  
**My Commission Expires January 17, 2002**

*Krishnaswamy*

Krishnaswamy Nagaraj

Date: 17<sup>th</sup> March 1998

United States of America )

State of New Jersey ) ss.:

County of Middlesex )

On this 17 day of March, 1998, before me personally came 1 <sup>KRISHNASWAMY NAGARAJ</sup>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*William R. Freeman*

Notary Public

WILLIAM R. FREEMAN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires June 16, 1998