

12-03-1999

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101213426

KIZILYALLI 43-78-18

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. PTO  
09/441561

11/17/99

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- ☒ New
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- ☐ Correction of PTO Error  
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- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
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- | Name                             | Execution Date |     |      |
|----------------------------------|----------------|-----|------|
|                                  | Month          | Day | Year |
| Name (line 1) Isik C. Kizilyalli | 11             | 15  | 1999 |
| Name (line 2)                    |                |     |      |

**Second Party**

- | Name                              | Execution Date |     |      |
|-----------------------------------|----------------|-----|------|
|                                   | Month          | Day | Year |
| Name (line 1) Sailesh M. Merchant | 11             | 15  | 1999 |
| Name (line 2)                     |                |     |      |

**Receiving Party**

☐ Mark if additional names of receiving parties attached

- Name (line 1) Lucent Technologies, Inc.
- Name (line 2) a Coporation of Delaware
- Address (line 1) 600 Mountain Avenue
- Address (line 2)
- Address (line 3) Murray Hill New Jersey 07974-0636
- City State/Country Zip Code
- ☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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**PATENT**

REEL: 010405 FRAME: 0924

**Correspondent Name and Address**

Area Code and Telephone Number (972) 480-8800

Name Charles W. Gaines

Address (line 1) Hitt Chwang & Gaines, P.C.

Address (line 2) 275 West Campbell Road, Suite 225

Address (line 3) Richardson, Texas 75080

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 7

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

N/A

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
11 15 1999

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT PCT PCT  
PCT PCT PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 12-2325

Authorization to charge additional fees:

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**Statement and Signature**

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Charles W. Gaines

Name of Person Signing



Signature

11/17/99

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
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Page 3

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Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Joseph R. Radosevich

11 15 1999

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



09/44/561  
11/17/99

ASSIGNMENT

For value received, We, Isik C. Kizilyalli, of Orlando in the County of Orange and State of Florida, and Sailesh M. Merchant, of Orlando in the County of Orange and State of Florida, and Joseph R. Radosevich, of Orlando in the County of Orange and State of Florida, 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 "METAL SILICIDE AS A BARRIER FOR MOM CAPACITORS IN CMOS TECHNOLOGIES" 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 Inc. 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.

Isik C. Kizilyalli

Isik C. Kizilyalli

STATE OF Florida

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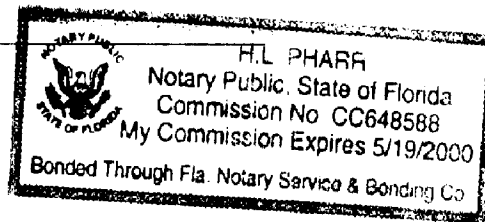
COUNTY OF Orange

On this 15 day of November, 1999, before me personally came Isik C. Kizilyalli, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

A. L. Pharr

Notary Public

My Commission Expires:



Sailesh M. Merchant  
Sailesh M. Merchant

STATE OF Florida

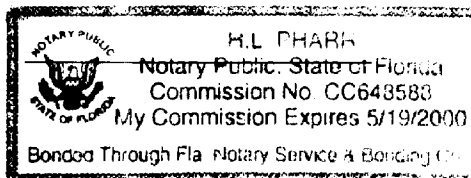
COUNTY OF Orange

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§  
§

On this 15 day of November, 1999, before me personally came Sailesh M. Merchant, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

H. L. Pharr  
Notary Public

My Commission Expires:



Joseph R. Radosevich  
Joseph R. Radosevich

STATE OF Florida

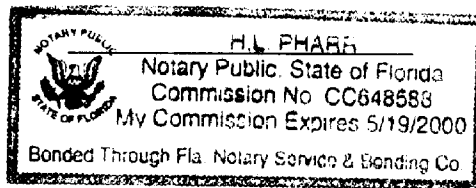
COUNTY OF Orange

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On this 15 day of November, 1999, before me personally came Joseph R. Radosevich, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

A. L. Pharr  
Notary Public

My Commission Expires:



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