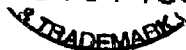


11-14-2000

FORM PTO-1619A

Expires 06/30/99  
OMB 0651-0027U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101514397



LAYADI 27-22

## RECORDATION FORM COVER SHEET

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☒ Assignment ☐ Security Agreement

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☐ Departmental File ☐ Secret File

## Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Nace Layadi

Execution Date  
Month Day Year  
08 17 2000Name (line 2) 

## Second Party

Name (line 1) Arun K. Nanda

Execution Date  
Month Day Year  
08 04 2000Name (line 2) 

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Lucent Technologies, Inc.

☐ 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.)

Name (line 2) a Corporation 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

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) 

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**PATENT**  
**REEL: 011223 FRAME: 0975**

**Correspondent Name and Address**

Area Code and Telephone Number (972) 480-8800

Name Charles W. Gaines

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

Address (line 2) P.O. Box 832570

Address (line 3) Richardson, Texas 75083

Address (line 4)

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

# 5

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

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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)**

09/632,445

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  
08 17 2000

**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:

Enclosed ☐

Deposit Account ☒

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:

Yes

☒

No

☐

**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. Charges to deposit account are authorized, as indicated herein.

Charles W. Gaines

Name of Person Signing

Signature

10/02/2000

Date

ASSIGNMENT

For value received, We, Nace Layadi, a citizen of Algeria and resident of Singapore, and Arun K. Nanda, 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 "TWO PHASE CHEMICAL/MECHANICAL POLISHING PROCESS FOR TUNGSTEN LAYERS" 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.

N. Layadi  
Nace Layadi

COUNTRY OF Algeria

§  
§  
§

On this 17th day of August, 2000, before me personally came Nace Layadi, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Hem Vaidya  
WITNESS

Arun K. Nanda  
Arun K. Nanda

STATE OF FLORIDA  
COUNTY OF ORANGE

§  
§  
§

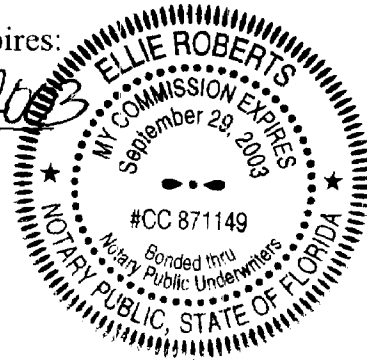
On this 31<sup>st</sup> day of August, 2000, before me personally came Arun K. Nanda, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Ellie Roberts  
Notary Public

My Commission Expires:

Sept 29, 2003



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