

*MRD 8/3/00*

10-04-2000



CHYAN 12-2-28-51-3

RECORD/

101479007

U.S. PTO  
09/03/00  
09/03/00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

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Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
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Departmental File  Secret File

*09/03/755*

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Mark if additional names of conveying parties attached

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Name (line 2)

Execution Date  
Month Day Year

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Execution Date  
Month Day Year

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Mail documents to be recorded with required cover sheet(s) information to:  
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**PATENT**

REEL: 011120 FRAME: 0855

**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)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. # 9

**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 07 26 2000

**Patent Cooperation Treaty (PCT)**

Enter PCT application number PCT  PCT  PCT   
only if a U.S. Application Number PCT  PCT  PCT   
has not been assigned.

**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

08/02/2000

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET  
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PATENTS ONLY

U.S. PTO  
09/03/99  
06/03/00

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Chung Wai Leung

07 25 2000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Yi Ma

07 26 2000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Shahriar Moinian

07 26 2000

Name (line 2)

Receiving Party(ies)

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Name (line 1)

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)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

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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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)

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ASSIGNMENT

For value received, We, Yih-Feng Chyan, of Orlando in the County of Orange and State of Florida, and Chunchieh Huang, of Orlando in the County of Orange and State of Florida, and Chung Wai Leung, of Orlando in the County of Orange and State of Florida, and Yi Ma, of Orlando in the County of Orange and State of Florida, and Shahriar Moinian, of Murray Hill 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 "METHOD FOR MAKING A BIPOLAR TRANSISTOR WITH A LOW K MATERIAL IN EMITTER BASE SPACER REGIONS" 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.

*Yih-Feng Chyan* 7/26/00

Yih-Feng Chyan

STATE OF FLORIDA

COUNTY OF ORANGE

§  
§  
§

On this 26<sup>th</sup> day of July, 2000, before me personally came Yih-Feng Chyan, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

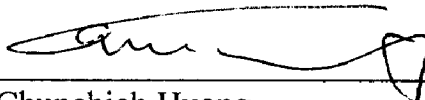
*Ellie Roberts*

Notary Public

My Commission Expires:

Sept. 29, 2003

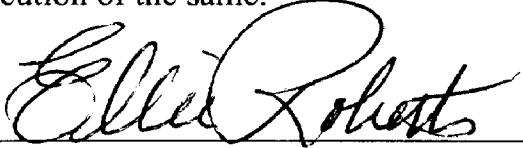


  
Churchieh Huang

STATE OF FLORIDA  
COUNTY OF ORANGE

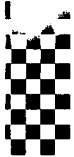
§  
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On this 26<sup>th</sup> day of July, 2000, before me personally came Churchieh Huang, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires:  
Sept. 29, 2003



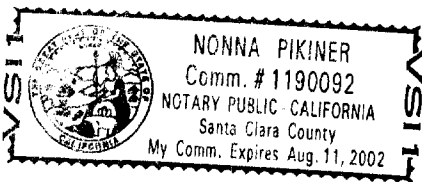


*Chung Wai Leung*  
\_\_\_\_\_  
Chung Wai Leung

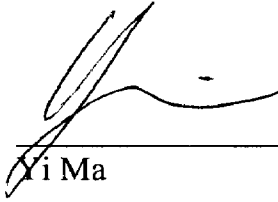
STATE OF California  
COUNTY OF Santa Clara

§  
§  
§

On this 25 day of July, 2000, before me personally came Chung Wai Leung, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



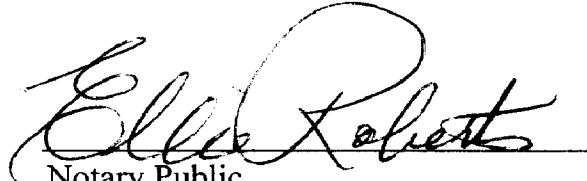
Nonna Pikiner  
Notary Public  
My Commission Expires:  
8/11/2002

  
Yi Ma

STATE OF FLORIDA  
COUNTY OF ORANGE

§  
§  
§

On this 26<sup>th</sup> day of July, 2000, before me personally came Yi Ma, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires:  
Sept. 29, 2003





