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Patent & Trademark Office

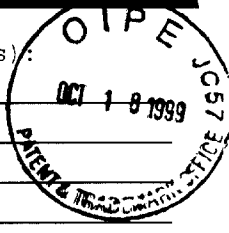
To the Honorable Commissioner of Patents and Trademarks:

101179879

ments or copy thereof.

1. Name of conveying party(ies):

Martin G. MEDER  
Sailesh Mansinh MERCHANT  
Michael Louis STEIGERWALD  
Yiu-Huen WONG



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

Name: Lucent Technologies Inc.  
Address: 600 Mountain Avenue, P.O. Box 636  
Murray Hill, NJ 07974-0636

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

3. Nature of Conveyance:

- (X) Assignment ( ) Merger
- ( ) Security Agreement ( ) Change of Name
- ( ) Other \_\_\_\_\_

Execution Date: (1) August 30, 1999 (2) September 24, 1999  
(3) September 14, 1999 (4) September 14, 1999

Additional name(s) and address(s) attached? ( ) Yes (X) 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: \_\_\_\_\_

A. Patent application No.(s)

B. Patent No.(s)

09/364,858

Additional numbers attached? ( ) Yes (X) No

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

Name: Christopher F. Regan, Esq.  
Internal Address: Allen, Dyer,  
Doppelt, Milbrath & Gilchrist, P.A.  
Street Address: 255 S. Orange Ave.  
P.O. Box 3791  
City: Orlando

6. Total number of applications and patents involved: [ 1 ]

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

[ ] Enclosed

[X] Authorized to be charged to deposit account.

8. Deposit Account Number:

12-2325

State: Florida Zip: 32802

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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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.

Christopher F. Regan  
Name of Person Signing

Signature

October 12, 1999  
Date

Total number of pages including cover sheet, attachments and document: [5]

## ASSIGNMENT AND AGREEMENT

For value received, we, **MARTIN G. MEDER** of **Catasauqua** in the County of Lehigh and State of Pennsylvania, **SAILESH MANSINH MERCHANT** of **Orlando** in the County of Orange and State of Florida, and **MICHAEL LOUIS STEIGERWALD** of **Martinsville** in the County of Somerset and State of New Jersey, and **YIU-HUEN WONG** of **Summit** 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 **INTEGRATED CIRCUIT INCLUDING PASSIVATED COPPER INTERCONNECTION LINES AND ASSOCIATED MANUFACTURING METHODS** described in an application for Letters Patent of the United States, **filed on July 30, 1999 and assigned Serial No. 09/364,858**, and, 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. they may designate.

PATENT

REEL: 010315 FRAME: 0918

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.

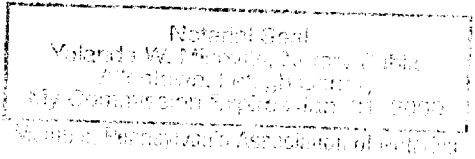
*Martin G. Meder*  
**MARTIN G. MEDER**

Date: 8/30/99

United States of America )  
State of Pennsylvania ) ss.:  
County of Lehigh )

On this 30th day of August, 1999, before me personally came **MARTIN G. MEDER**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Yolanda W. Mikovits*  
Notary Public



*Sailesh Mansinh Merchant*  
**SAILESH MANSINH MERCHANT**

Date: 4 Sept 1999

United States of America )  
State of Florida ) ss.:  
County of Orange Orange )

On this 24th day of September, 1999, before me personally came **SAILESH MANSINH MERCHANT**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



BETHANN WONG  
Comm. No. CC 667351  
My Comm. Exp. July 29, 2001  
Bonded thru Pichard Ins. Agcy.

*Bethann Wong*  
Notary Public

  
MICHAEL LOUIS STEIGERWALD

Date: Sept 14 1999

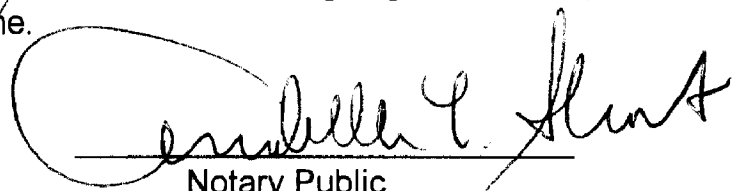
United States of America )

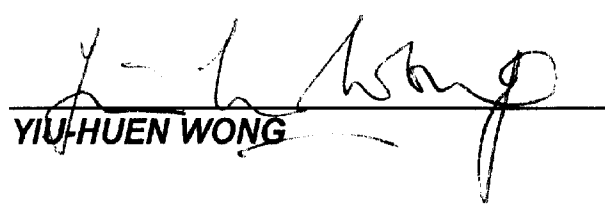
State of New Jersey ) ss.:

County of Somerset )

On this 14 day of September, 1999, before me personally came **MICHAEL LOUIS STEIGERWALD**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**ANNABELLE L. SHORT**  
**NOTARY PUBLIC OF NEW JERSEY USA**  
**My Commission Expires Jan. 20, 2000**

  
Notary Public

  
YIU-HUEN WONG

Date: 9/14/99

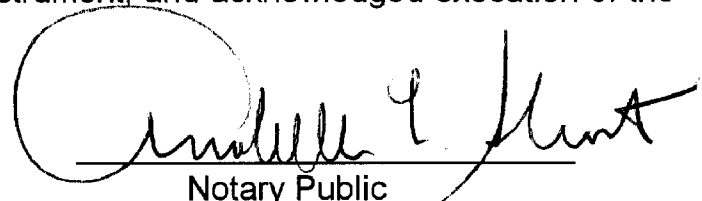
United States of America )

State of New Jersey ) ss.:

County of Union )

On this 14 day of September, 1999, before me personally came **YIU-HUEN WONG**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**ANNABELLE L. SHORT**  
**NOTARY PUBLIC OF NEW JERSEY USA**  
**My Commission Expires Jan. 20, 2000**

  
Notary Public

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