

06-15-2004

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office



102765752

U.S. PTO  
10/859894

Tab settings ⇄⇄⇄

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

1. Name of conveying party(ies):  
Young-Kai Chen  
Vincent Etienne Houtsma  
Nils Guenter Weimann

6.3.04

2. Name and address of receiving party(ies)

Name: Lucent Technologies, Inc.

Internal Address: \_\_\_\_\_

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Street Address: 600 Mountain Avenue

City: Murray Hill State: NJ Zip: 07974-0636

Execution Date: 06/03/2004

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

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

20859894

If this document is being filed together with a new application, the execution date of the application is: June 3, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Peter H. Priest

Priest & Goldstein, PLLC

Internal Address: \_\_\_\_\_

Street Address: 5015 Southpark Drive

Suite 230

City: Durham State: NC Zip: 27713-7736

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

50-1058

(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.*

Jay M. Brown

Name of Person Signing

Signature

June 3, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

06/17/2004 STEUNEL1 00000016 10859894

40.00 DP

**PATENT**  
**REEL: 015446 FRAME: 0115**

## ASSIGNMENT AND AGREEMENT

For value received, we, Young-Kai Chen of Berkeley Heights in the State of NJ, Vincent Etienne Houtsma of Berkeley Heights in the State of NJ, Nils Guenter Weimann of Gillette in the State of NJ, 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 **TRANSISTORS AND METHODS FOR MAKING 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 and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they 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.

Young-Kai Chen  
Young-Kai Chen

Date: 6/3/04

United States of America )

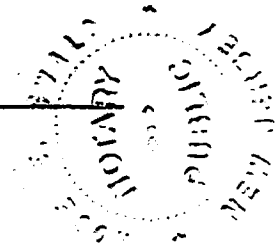
State of New Jersey ) ss.:

County of Union )

On this 3rd day of June, 2004, before me personally came Young-Kai Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rose Ewald  
Notary Public

ROSE E. EWALD  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 8, 2005



*V. Houtsma*

Vincent Etienne Houtsma

Date: 06/03/04

United States of America )

State of *NEW JERSEY* ) ss.:

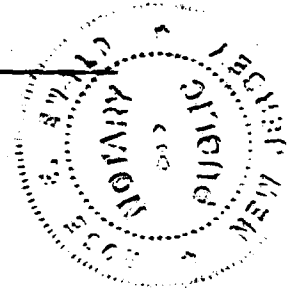
County of *UNION* )

On this 3<sup>RD</sup> day of JUNE, 2004, before me personally came Vincent Etienne Houtsma, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Rose Ewald*

Notary Public

ROSE E. EWALD  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 8, 2005



Nils Guenter Weimann  
Nils Guenter Weimann

Date: 6/3/04

United States of America )

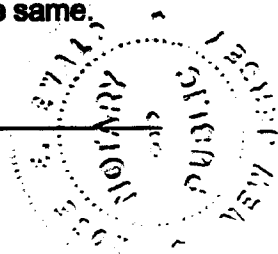
State of New Jersey ) ss.:

County of Union )

On this 3rd day of June, 2004, before me personally came Nils Guenter Weimann, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rose Ewald  
Notary Public

ROSE E. EWALD  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 8, 2005



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