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

1. Name of conveying part(ies):

Ray E. Kuhn
David G. Martin
Rose E. Williams

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

2. Name and address of receiving party(ies)

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

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 08/02/00

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)

09/631,862

Additional numbers attached? Yes No

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

Peter V. D. Wilde, Esq.
Thomas, Kayden, Horstemeyer & Risley
100 Galleria Parkway
Suite 1500
Atlanta, Georgia 30339

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

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

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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.

Peter V. D. Wilde
Name of Person Signing

Signature

DEC 20 2000

Date

Lucent #: 311202-1560 Total number of pages including cover sheet, attachments, and document: [9]

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

10-06-2000



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To the Honorable Commissioner
thereof.

and the attached original documents or copies

JC784 U.S. PTO
09/631862
08/03/00

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David G. Marin
Rose E. Williams

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A. Patent application No.(s) B. Patent No.(s) 09631862

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10/05/2000 NTHAI1 00000364 122325 09631862
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Peter V. D. Wilde _____ Signature
Name of Person Signing
Lucent #: _____ Total number of pages including cover sheet, attachments, and document: []

Date AUG 03 2000

ASSIGNMENT AND AGREEMENT

For value received, we, Ray E. Kuhn of Emmaus in the County of Lehigh and Commonwealth of Pennsylvania, David G. Martin of Bethlehem in the County of Northampton and Commonwealth of Pennsylvania, and Role E. Williams of New Tripoli in the County of Lehigh and Commonwealth of Pennsylvania, 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 **IMPROVED SUBSTRATE ISOLATION FOR ANALOG/DIGITAL IC CHIPS** 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.

Ray E. Kuhn
Ray E. Kuhn

Date: 8/2/00

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 2ND day of August, 2000, before me personally came Ray E. Kuhn, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L. Hughes
Notary Public

NOTARIAL SEAL
DIANE L. HUGHES, Notary Public
Breinigsville, Lehigh County
My Commission Expires Jan. 6, 2003

David G. Martin

David G. Martin

Date: 8/2/00

United States of America)

State of *Pennsylvania*) ss.:

County of *Lehigh*)

On this 2nd day of August, 2000, before me personally came David G. Martin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L. Hughes

Notary Public

NOTARIAL SEAL
DIANE L. HUGHES, Notary Public
Breinigsville, Lehigh County
My Commission Expires Jan. 6, 2003

Rose E. Williams

Rose E. Williams

Date: 8/2/00

United States of America)

State of *Pennsylvania*) ss.:

County of *Lehigh*)

On this 2ND day of August, 2000, before me personally came Rose E. Williams, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L. Hughes

Notary Public

NOTARIAL SEAL
DIANE L. HUGHES, Notary Public
Breinigsville, Lehigh County
My Commission Expires Jan. 6, 2003

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