

10-25-1999

10/14/99



To the Honorable Commissioner of Patents

Shed original documents or copy thereof.

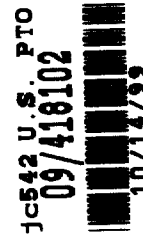
101181036

## 1. Name of conveying part(ies)

Shiaw-Jong Chen  
Robert E. Radke

## 2. Name and address of receiving part(ies)

Name: Lucent Technologies, Inc.

Internal Address: P.O. Box 636  
Murray Hill, NY 07974-0636Additional name(s) of conveying part(ies) attached? ☐ Yes☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: October 6, 1999

Street Address: 600 Mountain Avenue

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

Additional name(s) & address(es) attached ☐ Yes ☒ 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: October 6, 1999

## A. Patent Application No.(s)

09/418102

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Martin Korn  
Mail Address: Locke Liddell & Sapp, LLP  
2200 Ross Avenue, Suite 2200  
Dallas, TX 75201  
Telephone: (214) 740-8549  
Facsimile: (214) 740-8800

## 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 account8. Deposit account number: 12-2325 ✓  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

10/22/1999 MTHA11 00000125 122325 09418102

01 Fee: \$40.00 CH

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*

Martin Korn

Name of Person Signing

Signature

October 12, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT AND AGREEMENT

For value received, we, Shiaw-Jong Chen of Plano in the County of Collin and State of Texas, and Robert E. Radke of Garland in the County of Dallas and State of Texas, 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 **MULTI-LAYER INSULATED METAL SUBSTRATE PRINTED WIRING BOARD HAVING IMPROVED THERMAL COUPLING OF COMPONENTS** 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.

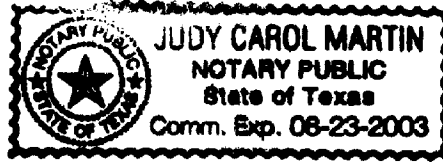
Shiaw-Jong Chen  
Shiaw-Jong Chen

Date: 10/06/99

United States of America )

State of Texas ) ss.:

City of Mesquite )



On this 6<sup>th</sup> day of October, 1999, before me personally came Shiaw-Jong Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Judy Carol Martin  
Notary Public

Robert E. Radke  
Robert E. Radke

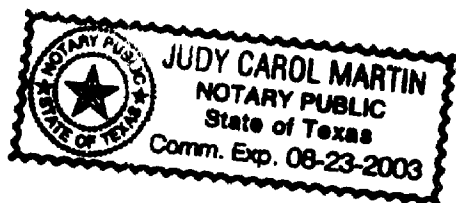
Date: 10/06/99

United States of America )

State of Texas ) ss.:

City of Mesquite )

On this 6<sup>th</sup> day of October, 1999, before me personally came Robert E. Radke, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Judy Carol Martin  
Notary Public

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