

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

1. Name of conveying party(ies):
Byron H. Chen, Ren Da, and Ibrahim Tekin
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and Address of receiving party(ies)
Name: Lucent Technologies Inc.
Internal Address: _____
Street Address: 600 Mountain Avenue
P.O. Box 636
City: Murray Hill State: NJ ZIP: 07974-0636
Additional name(s) & address(es) attached?
 Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 03/29/00

4. Application number(s) or patent number(s): ARD 3.30.00
If this document is being filed together with a new application, the execution date of the application is: 03/29/00

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: Steve Mendelsohn
Internal Address: Mendelsohn & Associates, P.C.
Street Address: 1601 Market Street
Suite 2330
City: Philadelphia State: PA ZIP: 19103

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:
12-2325
(attach duplicate copy of this page if paying by deposit account)

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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.

Steve Mendelsohn
Name of Person Signing

Steve Mendelsohn
Signature

3/30/00
Date

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

Chen 10-5-6 Mail documents to be recorded with required cover sheet information to:
990.0267 Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Send All Correspondence To Customer No.: 22186

PATENT
REEL: 010712 FRAME: 0911

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Byron H. Chen of **Whippany** in the County of Morris and State of New Jersey,
Ren Da of **Bernards Township** in the County of Somerset and State of New Jersey,
Ibrahim Tekin of **Chatham** in the County of Morris and State of New Jersey,

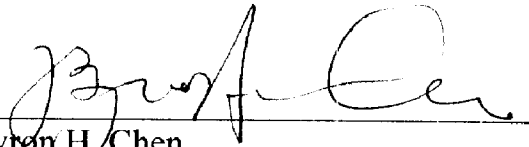
hereby sell, assign, and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns, and legal representatives, the entire right, title, and interest, for the United States of America, in and to certain inventions related to **Location Determination Using Weighted Ridge Regression** described in an application for Letters Patent of the United States, identified using the same Attorney Docket No., 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 I 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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.

I 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.

I agree that, when requested, I 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.



Byron H. Chen


Date: 3/29/2000

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 29th day of March, 2000, before me personally came Byron H. Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

LORIE M. BUONOCORE
 Notary Public Of New Jersey
 I.D. NO.: 2183971
 Expires November 16, 2000

Ren Da

Ren Da

Date: 03/29/2000

United States of America)

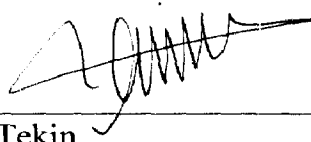
State of *New Jersey*) ss.:

County of *Horris*)

On this 29th day of March, 2000, before me personally came Ren Da, to me known to be the individual/described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lorie M. Buonocore
Notary Public

LORIE M. BUONOCORE
Notary Public Of New Jersey
I.D. NO.: 2183971
Expires November 16, 2000



Ibrahim Tekin

Date: 03/29/2000

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 29~~th~~ day of March, 2000, before me personally came Ibrahim Tekin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

LORIE M. BUONOCORE
Notary Public Of New Jersey
I.D. NO.: 2183971
Expires November 16, 2000

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
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