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04-17-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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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 party(ies):

Babak Hassibi
Bertrand M. Hochwald
Thomas Louis Marzetta

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

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

Name: **Lucent Technologies Inc.**

Internal Address: _____

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

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

Execution Date: **March 21, 2000**

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: **March 21, 2000**

A. Patent Application No.(s)

B. Patent No. (s)

09528973

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Docket Administrator**

Internal Address: **Room 3C-512**

Street Address: **600 Mountain Avenue**

P. O. Box 636

City: **Murray Hill**, State: **New Jersey**, Zip: **07974-0636**

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.

Martin J. Finston Reg. No. 31613

March 21, 2000

Name of Person Signing

Signature

Date

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

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, Babak Hassibi, of Somerset in the County of Somerset and the State of New Jersey, and Bertrand M Hochwald, of Summit in the County of Union and the State of New Jersey, and Thomas Louis Marzetta, of Summit in the County of Union and the 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 **Method Of Wireless Communication Using Structured Unitary Space-Time Signal Constellations** 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. 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.


Babak Hassibi


Date: March 21, 2000

United States of America)

State of New Jersey) ss.:

County of Union)

On this 21st day of March, 2000, before me personally came, Babak Hassibi to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2000


Bertrand M Hochwald


Date: 3/21/02

United States of America)

State of New Jersey) ss.:

County of Union)

On this 21st day of March, 2000, before me personally came, Bertrand M Hochwald to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2000

TL Marzetta
Thomas Louis Marzetta

Date: 3/21/00

United States of America)

State of New Jersey) ss.:

County of Union)

On this 21st day of March, 2000, before me personally came, Thomas Louis Marzetta to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sheila R. Cole
Notary Public

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2000

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
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