

08-10-2001

To the Honorable Commissioner of Pa

ached original documents or copy thereof.

1. Name of conveying party(ies):

1. Roger David Benning
2. R. Michael Buehrer
3. Paul Anthony Polakos
4. Robert Atmaram Soni

101806426

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 _____

Execution Date(s): 7/27/01

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

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: July 27, 2001.

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: Docket Administrator

Internal Address: Room 3J-219

Street Address: 101 Crawfords Corner Road

City: Holmdel State: NJ ZIP: 07733-3030

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)

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.

Jimmy Goo

Name of Person Signing

Signature

July 30, 2001

Date

Total number of pages including cover sheet, attachments, and document: 6

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

Case Name/No.: Benning 17-14-14-8

08/10/2001 AWNED1 00000014 122325 09918086
01 FC:581 40.00 CH

PATENT
REEL: 012048 FRAME: 0490

ASSIGNMENT AND AGREEMENT

For value received, we, Roger David Benning, of Long Valley in the County of Morris and the State of New Jersey, and R. Michael Buehrer, of Morristown in the County of Morris and the State of New Jersey, and Paul Anthony Polakos, of Marlboro in the County of Monmouth and the State of New Jersey, and Robert Atmaram Soni, of Morris Plains in the County of Morris 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 **Split Shift Phase Sweep Transmit Diversity** 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.

Roger David Benning
Roger David Benning

Date: 7/27/2001

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 27th day of July, 2001, before me personally came, Roger David Benning to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso
Notary Public

MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003


R. Michael Buehrer


Date: July 27, 2001

United States of America)

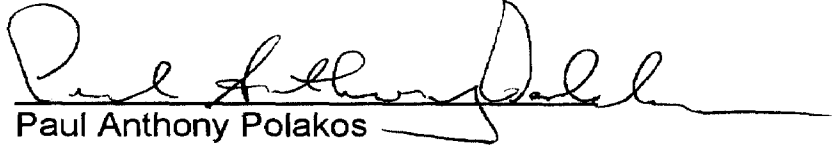
State of New Jersey) ss.:

County of Morris)

On this 27th day of July, 2001, before me personally came, R. Michael Buehrer to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003


Paul Anthony Polakos

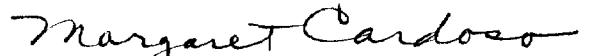
Date: 7/27/01

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 27th day of July, 2001, before me personally came, Paul Anthony Polakos to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003

Robert Atmaram Soni
Robert Atmaram Soni

Date: July 27, 2001

United States of America)

State of New Jersey) ss.:

County of Marlboro)

On this 27th day of July, 2001, before me personally came, Robert Atmaram Soni to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso
Notary Public

MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003

Lucent Technologies Inc.
Docket Administrator (Room 3C-512)
Lucent Technologies Inc.
101 Crawford's Corner Road
Holmdel, NJ 07733-3030