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RECORDATION

PATE... 102991460

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1. Name of conveying party(ies):

Christian Georg GERLACH

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

ALCATEL
54, rue la Boetie
75008 Paris, FRANCE112914 U.S. PTO
11/109750

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: November 2, 2004

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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: November 2, 2004

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:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed.
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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.

David J. Cushing

Reg. No. 28,703

April 20, 2005

Date

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PATENT
REEL: 016497 FRAME: 0626

Assignment

Whereas, I/We, Dr. Christian Georg GERLACH of Germany
hereinafter called assignor(s), have invented certain improvements in

**Method for inter-cell interference coordination with power planning for OFDM mobile
communication system**

and executed an application for Letters Patent of the United States of America therefor on
November 2, 2004; and

Whereas,

ALCATEL
54, rue La Boétie
75008 PARIS
France

(assignee), desires to acquire the entire right, title, and interest in the application and
invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above
named assignee, its successors and assigns, the entire right, title and interest in the application
and the invention disclosed therein for the United States of America, including the right to
claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and
Trademark Office to issue any Letters Patent granted upon the invention set forth in the
application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United
States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number _____ and Confirmation number
_____, filed April 20, 2005) the application
number and filing date of said application when known.

Date: November 2, 2004

X Christian Gerlach
s/ Christian Georg GERLACH

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)