

3/23/09

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Atty. Docket No. 29250-002430/US
Page 1 of 1

03-26-2009



103554125

RECORDA

To the Honorable C
Please record the at:

1. Name of conveying party(ies):

Alexei ASHIKHMEN
Jubin JOSE
Thomas MARZETTA

Additional name(s) of conveying party(ies) attached?

YES NO

2. Name and address of receiving party(ies)

Name: ALCATEL-LUCENT TECHNOLOGIES, INC.

Street Address: 600-700 Mountain Avenue

City: Murray Hill State: New Jersey

Zip Code: 07974-0636

Additional name(s) & address(es) attached? YES NO

3. Nature of conveyance:

Assignment Merger Security Agreement
 Change of Name Other:

Execution Date(s): 3/17/2009, 3/3/2009, 3/11/2009

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:

A. Patent Application No(s).

B. Patent No.(s).

12/320,864

Additional numbers attached? YES NO

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

Name: HARNESS, DICKEY & PIERCE, P.L.C.
Street Address: P.O. BOX 8910
City: RESTON State: VA ZIP: 20195
Country: USA

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 08-0750

(Attach triplicate 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.

Gary D. Yacura, #35,416
Name of Person Signing/Reg. No.

Signature

March 23, 2009
Date

Total number of pages including cover sheet, attachments, and document: 9

GDY/lph

03/25/2009 NJAMA1 00000016 12320064

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40.00 00

ASSIGNMENT AND AGREEMENT

For value received, we, **Alexei ASHIKHMIN** of **Morristown** in Country of **USA** and State of **New Jersey**, **Jubin JOSE** of **Austin** in Country of **USA** and State of **Texas**, and **Thomas MARZETTA** of **Summit** in Country of **USA** and State of **New Jersey**, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of the State of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974., 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 **METHODS FOR REDUCING INTER-CELL INTERFERENCE BY PRECODING SIGNALS FOR TRANSMISSION IN WIRELESS MIMO SYSTEM** 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 Alcatel-Lucent USA 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 Alcatel-Lucent USA 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 Alcatel-Lucent USA 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 Alcatel-Lucent USA Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA Inc. may designate.

We agree that, when requested, we shall, without charge to Alcatel-Lucent USA 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.

Alexei ASHIKHMIN

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2009, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Jubin Jose

Jubin JOSE

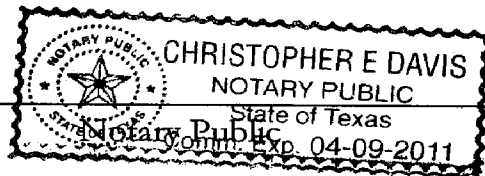
Date: 03/03/2009

United States of America)

State of) ss.: TX

County of) Travis

On this 3 day of March, 2009, before me personally came Jubin Jose, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Full name of 1st inventor: Alexei ASHIKHMIN

Inventor's
signature _____ Date _____

Residence: 114 Franklin Street, Apartment 5P2, Morristown, NJ 07960

Citizenship: Russian

Post Office Address: Same as above

Full name of 2nd inventor: Jubin JOSE

Inventor's
signature Jubin Jose _____ Date 03/03/2009

Residence: 4539 Guadalupe Street, Apartment 302, Austin, TX 78751

Citizenship: Indian

Post Office Address: Same as above

Thomas MARZETTA
Thomas MARZETTA

Date: March 11, 2009

United States of America)

State of New Jersey) ss.:

County of Union)

On this 11th day of March, 2009, before me personally came _____, 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

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



ATTACHMENT A

Attorney Name(s):	<u>John A. Castellano</u>	<u>35,094</u>
	<u>Terry L. Clark</u>	<u>32,644</u>
	<u>Donald J. Daley</u>	<u>34,313</u>
	<u>Gary D. Yacura</u>	<u>35,416</u>

Telephone calls should be made to HARNESS, DICKEY & PIERCE, PLC at:

Phone No.: 703-668-8000

Fax No.: 703-668-8200

Attorney Docket No. 29250-002430/US
Alcatel-Lucent Ref. No.: Ashikhmin 27-3-19

ASSIGNMENT AND AGREEMENT

For value received, we, **Alexei ASHIKHMIN** of **Morristown** in Country of **USA** and State of **New Jersey**, **Jubin JOSE** of **Austin** in Country of **USA** and State of **Texas**, and **Thomas MARZETTA** of **Summit** in Country of **USA** and State of **New Jersey**, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of the State of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974., 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 **METHODS FOR REDUCING INTER-CELL INTERFERENCE BY PRECODING SIGNALS FOR TRANSMISSION IN WIRELESS MIMO SYSTEM** 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 Alcatel-Lucent USA 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.

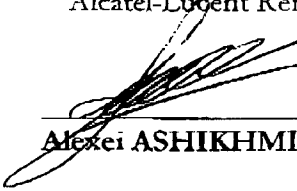
We authorize Alcatel-Lucent USA Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization 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 Alcatel-Lucent USA 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 Alcatel-Lucent USA Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA Inc. may designate.

We agree that, when requested, we shall, without charge to Alcatel-Lucent USA 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.

Attorney Docket No. 29250-002430/US
Alcatel-Lucent Ref. No.: Ashikhmin 27-3-19



Alexei ASHIKHMIN

Date: March 17, 2008

United States of America)

State of New Jersey) ss.:

County of Union)

On this 17th day of March, 2009, before me personally came Alexei Ashikhmin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Suzanne R. Sabo
Notary Public - State of NJ
Commission No. 2362056
My Commission Expires 7/12/2012


Notary Public

Jubin JOSE

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2009, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Attorney Docket No. 29250-002430/US
Alcatel-Lucent Ref. No.: Ashikhmin 27-3-19

Thomas MARZETTA

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2009, before me personally
came _____, to me known to be the individual described in and who executed the
foregoing instrument, and acknowledged execution of the same.

Notary Public

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