

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3608495

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the APPLICATION NUMBER previously recorded on Reel 035829 Frame 0455. Assignor(s) hereby confirms the APPLICATION NUMBER ON THE COVERSHEET SHOULD BE CORRECTED FROM "14/662253" TO "14/622253".
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MILIND M. BUDDHIKOT	11/28/2006
SCOTT C. MILLER	11/28/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUCENT TECHNOLOGIES INC.
<b>Street Address:</b>	600 MOUNTAIN AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974-0636
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14622253
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	908-582-7109
<b>Email:</b>	narpatent@alcatel-lucent.com
<b>Correspondent Name:</b>	DOCKET ADMINISTRATOR
<b>Address Line 1:</b>	600-700 MOUNTAIN AVENUE
<b>Address Line 2:</b>	ROOM 3B-212F
<b>Address Line 4:</b>	MURRAY HILL, NEW JERSEY 07974-0636
<b>ATTORNEY DOCKET NUMBER:</b>	BUDDHIKOT 14-22-1-US-CNT
<b>NAME OF SUBMITTER:</b>	GREGORY J. MURGIA
<b>SIGNATURE:</b>	/Gregory J. Murgia/
<b>DATE SIGNED:</b>	11/10/2015
<b>Total Attachments: 4</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3394942

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MILIND M BUDDHIKOT	11/28/2006
SCOTT C. MILLER	11/28/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUCENT TECHNOLOGIES INC.
<b>Street Address:</b>	600 MOUNTAIN AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974-0636
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14662253
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	908-582-7109
<b>Email:</b>	narpatent@alcatel-lucent.com
<b>Correspondent Name:</b>	DOCKET ADMINISTRATOR
<b>Address Line 1:</b>	600-700 MOUNTAIN AVENUE
<b>Address Line 2:</b>	ROOM 3B-212F
<b>Address Line 4:</b>	MURRAY HILL, NEW JERSEY 07974-0636
<b>ATTORNEY DOCKET NUMBER:</b>	BUDDHIKOT 14-22-1-US-CNT
<b>NAME OF SUBMITTER:</b>	GREGORY J. MURGIA
<b>SIGNATURE:</b>	/Gregory J. Murgia/
<b>DATE SIGNED:</b>	06/12/2015
<b>Total Attachments: 3</b>	
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**ASSIGNMENT AND AGREEMENT**

For value received, we, Milind M. BUDDHIKOT of Manalapan in the County of Monmouth and State of New Jersey, and Scott C. MILLER of Freehold in the County of Monmouth 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 **METHOD AND APPARATUS FOR SPECTRUM ALLOCATION IN WIRELESS NETWORKS** 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.

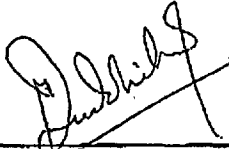
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit 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.

ASSIGNMENT LCNT127888.DOC

**PATENT**  
**REEL: 018564 FRAME: 0679**  
**PATENT**  
**REEL: 037080 FRAME: 0004**

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.

  
\_\_\_\_\_  
Milind M. BUDDHIKOT

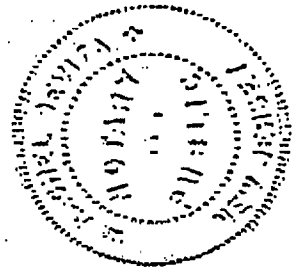
Date: 11-28-06

United States of America                    )  
State of new Jersey                    ) ss.:  
County of monmouth                    )

RACHEL DEVITA  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires August 24, 2011

On this 28 day of November, 2006, before me personally came Milind M. BUDDHIKOT, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public



ASSIGNMENT LCNT127888.DOC

PATENT  
REEL: 018564 FRAME: 0680  
PATENT  
REEL: 037080 FRAME: 0005

Scott C Miller  
Scott C. Miller

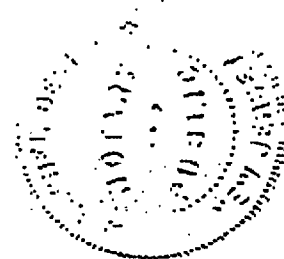
Date: 11-28-06

United States of America )  
State of New Jersey ) ss.:  
County of monmouth )

RACHEL DEVITA  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires August 24, 2010

On this 28 day of November, 2006, before me personally came Scott C. Miller, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rachel Devita  
Notary Public



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

ASSIGNMENT LCNT127888.DOC

RECORDED: 11/30/2006

RECORDED: 11/10/2015

PATENT  
REEL: 018564 FRAME: 0681  
PATENT

REEL: 037080 FRAME: 0006