

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>SRIKRISHNAN VENKATARAMAN</td> <td>08/18/2010</td> </tr> <tr> <td>SIVARAMAKRISHNA KUDITIPUDI</td> <td>08/18/2010</td> </tr> <tr> <td>PRASHANTH ISHWAR</td> <td>08/18/2010</td> </tr> <tr> <td>PRADEEP JAIN</td> <td>08/18/2010</td> </tr> <tr> <td>JEREMY FINE</td> <td>08/18/2010</td> </tr> </tbody> </table>		Name	Execution Date	SRIKRISHNAN VENKATARAMAN	08/18/2010	SIVARAMAKRISHNA KUDITIPUDI	08/18/2010	PRASHANTH ISHWAR	08/18/2010	PRADEEP JAIN	08/18/2010	JEREMY FINE	08/18/2010
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ALCATEL-LUCENT USA INC.</td> </tr> <tr> <td>Street Address:</td> <td>600-700 Mountain Avenue</td> </tr> <tr> <td>City:</td> <td>Murray Hill</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07974</td> </tr> </table>		Name:	ALCATEL-LUCENT USA INC.	Street Address:	600-700 Mountain Avenue	City:	Murray Hill	State/Country:	NEW JERSEY	Postal Code:	07974		
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CORRESPONDENCE DATA													
<p>Fax Number: (732)542-2283 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 732-542-2280</p> <p>Email: LCRATER@WALLTONG.COM</p> <p>Correspondent Name: WALL & TONG, LLP/ ALCATEL-LUCENT USA INC</p> <p>Address Line 1: 25 James Way</p> <p>Address Line 4: Eatontown, NEW JERSEY 07724</p>													
ATTORNEY DOCKET NUMBER:	ALU/807129												
NAME OF SUBMITTER:	Eamon J Wall												

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Total Attachments: 6

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ASSIGNMENT AND AGREEMENT

For value received, we, **SRIKRISHNAN VENKATARAMAN** of Santa Clara in the County of Santa Clara and State of California; **SIVARAMAKRISHNA KUDITIPUDI** of Milpitas in the County of Santa Clara and State of California; **PRASHANTH ISHWAR** of Santa Clara in the County of Santa Clara and State of California; **PRADEEP G. JAIN** of Sunnyvale in the County of Santa Clara and State of California; and **JEREMY FINE** of Mountain View in the County of Santa Clara and State of California, 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, New Jersey 07974, 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 RAPID SWITCHOVER FROM PRIMARY TO STANDBY MULTICAST TREES** 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.

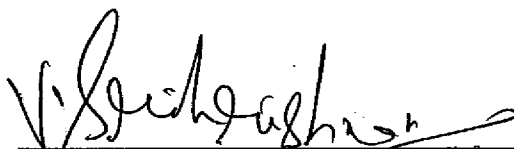
We authorize Alcatel-Lucent USA Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization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

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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.



SRIKRISHNAN VENKATARAMAN

Date: 8/18/2010

United States of America)

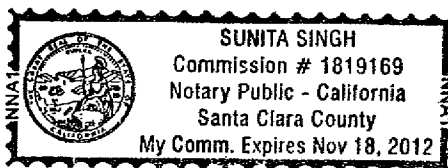
State of) ss.:

County of)

On this _____ day of _____, 2010, before me personally came **SRIKRISHNAN VENKATARAMAN**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notarized Below:
Notary Public

State of California County of Santa Clara ss.
On Aug 18, 2010 before me Sunita Singh
Notary Public, personally appeared Srikrishnan Venkataraman
who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument. I certify under PENALTY OF PERJURY
under the laws of the State of California that the foregoing paragraph is
true and correct. WITNESS my hand and official seal.



807129-US-NP

K. Sivaramakrishna
SIVARAMAKRISHNA KUDITIPUDI

Date: 8/18/2010

United States of America)

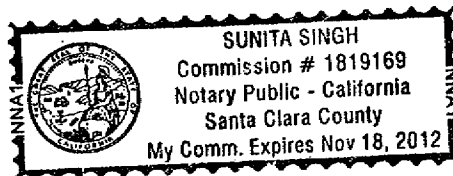
State of) ss.:

County of)

On this _____ day of _____, 2010, before me personally came **SIVARAMAKRISHNA KUDITIPUDI**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notarized below
Notary Public

State of California County of Santa Clara ss.
On August 18, 2010 before me Sunita Singh
Notary Public, personally appeared Sivarama Krishna Kuditi Pudi
who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument. I certify under PENALTY OF PERJURY
under the laws of the State of California that the foregoing paragraph is
true and correct. WITNESS my hand and official seal.



807129-US-NP


PRASHANTH ISHWAR

Date: 18 Aug 2010

United States of America)

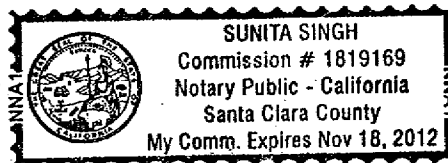
State of) ss.:

County of)


On this _____ day of _____, 2010, before me personally came **PRASHANTH ISHWAR**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notarized Below
Notary Public

State of California County of Santa Clara ss.
On Aug 18, 2010 before me Sunita Singh
Notary Public, personally appeared Prashanth Ishwar
who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument. I certify under PENALTY OF PERJURY
under the laws of the State of California that the foregoing paragraph is
true and correct. WITNESS my hand and official seal.



807129-US-NP



PRADEEP JAIN

Date: 08/18/2010

United States of America)

State of) ss.:

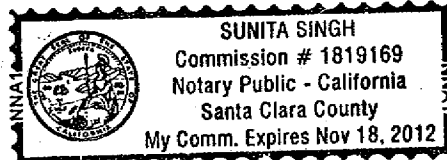
County of)

On this _____ day of _____, 2010, before me personally came **PRADEEP JAIN**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

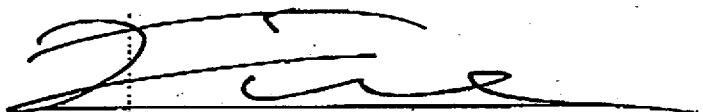
Notarized below

Notary Public

State of California County of Santa Clara ss.
On Aug 18, 2010 before me Sunita Singh
Notary Public, personally appeared Pradeep Jain
who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument. I certify under PENALTY OF PERJURY
under the laws of the State of California that the foregoing paragraph is
true and correct. WITNESS my hand and official seal.



807129-US-NP


JEREMY FINE


Date: 08/19/2010

United States of America)

State of New Hampshire) ss.:

County of Hillsborough)

On this 19th day of August, 2010, before me personally came **JEREMY FINE**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Sally A. Poulin

Notary Public

SALLY A. POULIN, Notary Public
My Commission Expires September 5, 2012

Alcatel-Lucent USA Inc.
600-700 Mountain Avenue
P. O. Box 636
Murray Hill, New Jersey 07974

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RECORDED: 08/26/2010

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