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Atty. Docket No.: 29250-002459/L
Page 1 of

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01-19-2010

SHEET

To the
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Trademarks:
copy thereof.

103586602

Address of receiving party(ies)

1. Name of conveying party(ies):

Srikrishnan VENKATARAMAN

Sandeep BISHNOI

Pradeep G. JAIN

Kanwar D. SINGH

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

YES NO

Name: **Alcatel-Lucent USA Inc.**

Street Address: **600-700 Mountain Avenue**

City: **Murray Hill**

State: **New Jersey**

Postal Code: **07974**

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

3. Nature of conveyance:

Assignment Merger Security Agreement

Change of Name Other:

Execution Date: **December 17, 2009; December 17, 2009; December 17, 2009; December 16, 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: **December 17, 2009; December 17, 2009; December 17, 2009; December 16, 2009**

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: **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)

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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, Reg. No. 35,416
Name of Person Signing/Reg. No.

January 8, 2010
Date

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

GDY/w

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40.00 DP

PATENT
REEL: 023809 FRAME: 0431

ASSIGNMENT AND AGREEMENT

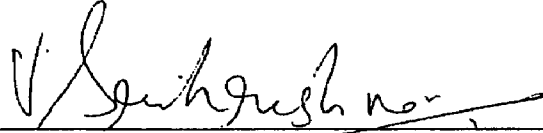
For value received, we, **Srikrishnan VenkataRaman** of Santa Clara in County of Santa Clara and State of California, **Sandeep Bishnoi** of San Jose in County of Santa Clara and State of California, **Pradeep G. Jain** of Sunnyvale in County of Santa Clara and State of California, and **Kanwar D. Singh** of Mountain View in 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, 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 **FAST UPSTREAM SOURCE FAILURE DETECTION** 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.



Srikrishnan VenkataRaman

Date: 12/17/2009

United States of America

State of California

ss.:

County of Santa Clara

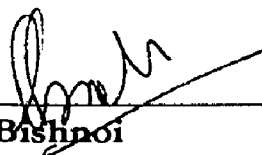
On this _____ day of _____, 2009, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

State of California, County of SANTA CLARA
On 12/17/2009 before me, R. C. 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. (R.C. SINGH)



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



Sandeep Bishnoi

Date: 12/17/2009

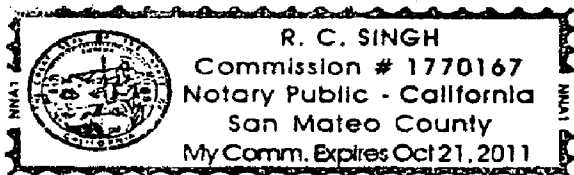
United States of America

State of California

ss.:


County of Santa Clara

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.

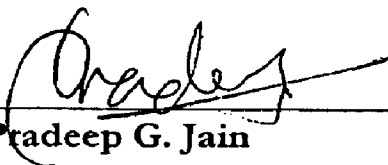


Notary Public

State of California, County of SANTA CLARA
On 12/17/2009 before me, R. C. SINGH
Notary Public, personally appeared SANDEEP BISHNOI,
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.

 (R. C. Singh)

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


Pradeep G. Jain

Date: 12/17/2009

United States of America

State of California

ss.:

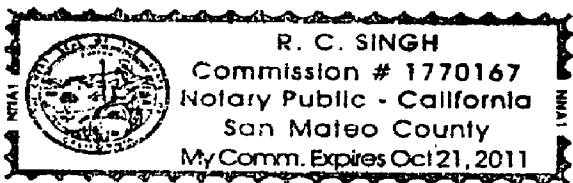
County of Santa Clara

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

State of California, County of SANTA CLARA
On 12/17/2009 before me, R. C. SINGH
Notary Public, personally appeared PRADEEP G. 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.

 (R. C. Singh)



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



Kanwar D. Singh

Date: 12/16/2009


United States of America

State of California

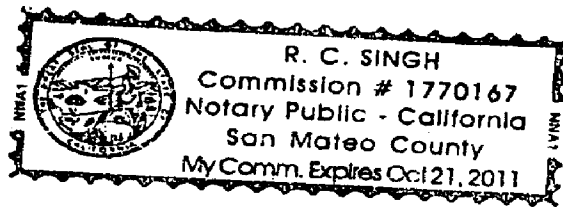
ss.:

County of Santa Clara

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.

State of California, County of SANTA CLARA
On 12/16/2009 before me, R. C. SINGH
Notary Public, personally appeared KANWAR D. SINGH
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
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