

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MOHNISH ANUMALA</td> <td>12/19/2013</td> </tr> <tr> <td>JEYASUBRAMANIAN IRUNGOLA PILLAI</td> <td>12/19/2013</td> </tr> <tr> <td>GEORGE AZZI</td> <td>12/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	MOHNISH ANUMALA	12/19/2013	JEYASUBRAMANIAN IRUNGOLA PILLAI	12/19/2013	GEORGE AZZI	12/19/2013
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MOHNISH ANUMALA	12/19/2013								
JEYASUBRAMANIAN IRUNGOLA PILLAI	12/19/2013								
GEORGE AZZI	12/19/2013								
RECEIVING PARTY DATA									
Name:	DELL PRODUCTS, L. P.								
Street Address:	ONE DELL WAY								
City:	ROUND ROCK								
State/Country:	TEXAS								
Postal Code:	78682								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14142296</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14142296				
Property Type	Number								
Application Number:	14142296								
CORRESPONDENCE DATA									
Fax Number:	(650)856-0542								
Phone:	6508567539								
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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Address Line 4:	PALO ALTO, CALIFORNIA 94303								
ATTORNEY DOCKET NUMBER:	20110-1807 (DC-101846)								
NAME OF SUBMITTER:	NITA MILLER								
Signature:	/Nita Miller/								
Date:	01/10/2014								

PATENT

Total Attachments: 5

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the individual(s) named below (hereinafter "INVENTOR" whether singular or plural) has sold, assigned, transferred, and set over, and hereby sells, assigns, transfers and sets over, to DELL PRODUCTS L.P., a corporation of the State of Delaware, having a place of business at One Dell Way, Round Rock, TX 78682 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The full and exclusive worldwide right, title, and interest in and to all inventions and improvements ("SUBJECT MATTER") that are disclosed in the U.S. patent application, entitled "**N-Node Virtual Link Trunking (VLT) Systems Management Plane**" ("APPLICATION"),

which is a provisional application

bearing Application No. \_\_\_\_\_ and filed \_\_\_\_\_;

to be filed herewith;

which is a non-provisional application

bearing Application No. 14/142,296, and filed December 27, 2013;

to be filed herewith;

having an oath or declaration executed on the same date as this Assignment;

having an oath or declaration executed on a different date than this Assignment.

2. The entire worldwide right, title, and interest in and to the APPLICATION and all applications claiming priority to the APPLICATION or having related SUBJECT MATTER to the APPLICATION, including all such design, utility, divisional, continuation, substitute, renewal, reissue, international, or other related applications and all rights of priority in the APPLICATION, together with all rights to recover damages for infringement.

INVENTOR hereby authorizes and requests the Commissioner of the U.S. Patent and Trademark Office, and Patent Office Officials in all foreign countries, to issue to the ASSIGNEE any and all patents which may be granted from the APPLICATION.

INVENTOR will, without further consideration, communicate to the ASSIGNEE any facts known to the INVENTOR regarding the SUBJECT MATTER, testify in any legal proceeding, sign all lawful papers, execute all oaths, assignments, powers of attorney, applications and any

**Title:** N-Node Virtual Link Trunking (VLT) Systems Management Plane  
**Inventor(s):** Anumala et al.  
**Filing Date:** December 27, 2013  
**Appln. No.:** 14/142,296  
**Docket No.:** 20110-1807 (101846)

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other paper desired by ASSIGNEE to obtain, perfect, or secure to ASSIGNEE any and all of the rights, titles and interests herein conveyed, and to maintain, enforce, and defend these rights, titles and interests in the United States and all foreign countries. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE herein.

INVENTOR represents that the INVENTOR, at the time of the execution of this Assignment, is the sole and lawful owner of the entire rights, titles and interests in and to the SUBJECT MATTER as set forth in the APPLICATION, and that the SUBJECT MATTER is unencumbered, and that the INVENTOR has good and full right and lawful authority to sell and convey the SUBJECT MATTER in the manner herein set forth.

INVENTOR covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license or other agreement affecting the rights, titles, and interests herein conveyed.


INVENTOR agrees to, and hereby acknowledges, that the ASSIGNEE may apply for and receive patents related to the APPLICATION or SUBJECT MATTER.

INVENTOR grants the attorney of record for the APPLICATION the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment. Three inventor/assignor signature blocks are located on the following pages.

Title: N-Node Virtual Link Trunking (VLT) Systems Management Plane  
Inventor(s): Anumala et al.  
Filing Date: December 27, 2013  
Appln. No.: 14/142,296  
Docket No.: 20110-1807 (101846)

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INVENTOR Name: Mohnish Anumala  
INVENTOR Address: 1048 Colony Hills Ln.  
Cupertino, CA 95014  
Date of Signature: 12/16/2013  
  
[INVENTOR Signature]

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Witnessed by: RAJA JAYAKUMAR  
Print Name  
Signature: 

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State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me \_\_\_\_\_ personally appeared  
[Date] [Name and Title of Officer]

\_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the  
[INVENTOR]  
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 \_\_\_\_\_ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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**Inventor(s):** Anumala et al.  
**Filing Date:** December 27, 2013  
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INVENTOR Name: Jeyasubramanian Irungola Pillai

INVENTOR Address: AP271, 30th St., I Block, Kambar Colony  
Anna Nagar West, Chennai 600 040, India

Date of Signature: 19 / DEC / 2013

  
[INVENTOR Signature]

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Witnessed by: \_\_\_\_\_  
Print Name

Signature: \_\_\_\_\_

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State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me \_\_\_\_\_ personally appeared  
[Date] [Name and Title of Officer]

\_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the  
[INVENTOR]  
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INVENTOR Name: George Azzi

INVENTOR Address: 3227 Bryant St

Palo Alto, CA 94306

Date of Signature: 12/19/2013



[INVENTOR Signature]

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Witnessed by: \_\_\_\_\_  
Print Name

Signature: \_\_\_\_\_

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State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

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