

PATENT ASSIGNMENT

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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>Rajesh Narayanan</td> <td>08/24/2012</td> </tr> <tr> <td>Saikrishna Kotha</td> <td>08/24/2012</td> </tr> <tr> <td>Robert L. Winter</td> <td>08/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rajesh Narayanan	08/24/2012	Saikrishna Kotha	08/24/2012	Robert L. Winter	08/23/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>DELL PRODUCTS, LP</td> </tr> <tr> <td>Street Address:</td> <td>One Dell Way</td> </tr> <tr> <td>City:</td> <td>Round Rock</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>78682</td> </tr> </table>		Name:	DELL PRODUCTS, LP	Street Address:	One Dell Way	City:	Round Rock	State/Country:	TEXAS	Postal Code:	78682
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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>13596564</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13596564						
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Application Number:	13596564										
CORRESPONDENCE DATA											
<p>Fax Number: 5124397199 Phone: 512-439-7100 Email: landre@larsonnewman.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Larson Newman, LLP Address Line 1: 8500 N. Mopac Expy., #280 Address Line 4: Austin, TEXAS 78759</p>											
ATTORNEY DOCKET NUMBER:	DC-20119-CIP										
NAME OF SUBMITTER:	Timothy G. Newman										
<p>Total Attachments: 2 source=_DC-20119-CIP Assignment#page1.tif source=_DC-20119-CIP Assignment#page2.tif</p>											

CH \$40.00 13596564

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,
I, an Assignor named below,

Rajesh Narayanan of San Jose, California
Saikrishna Kotha of Austin, Texas
Robert L. Winter of Leander, Texas

hereby sell, assign and transfer to

ASSIGNEE: **DELL PRODUCTS, LP**
 One Dell Way
 Round Rock, Texas 78682

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention disclosed in:

- ☒ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on _____, or
- ☐ U.S. Provisional Application
- ☐ U.S. Application No.: _____, filed on _____
- ☐ International Application No.: PCT/_____, filed on _____

ENTITLED: **System and Method for Managing Unknown Flows**
 in a Flow-Based Switching Device, and naming as

INVENTOR(S): **Rajesh Narayanan; Saikrishna Kotha; Robert L. Winter**

("Invention") including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said Invention, including divisions, continuations, continuations-in-part, utility models, industrial designs, renewals, substitutes and extensions thereof, and in and to any and all patents, invention registrations, or other forms of protection ("Patents") of every country or region that may be granted or have been granted for said Invention, including any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above,
(_____/_____, filed _____) when they become known.

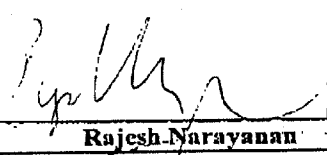
I authorize Assignee to apply for patents of foreign countries for said Invention, and to claim all rights of priority without further authorization from me.

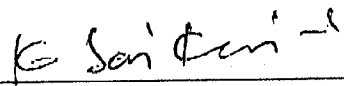
I agree that, upon request and without further compensation, but at no expense to me, I and/or my legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or

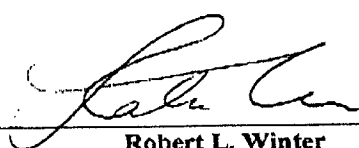
enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States throughout the world.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Director of the United States Patent and Trademark Office and agencies, departments, or other similar offices and officials of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

Executed on 8/24/2012 by 
Rajesh Narayanan

Executed on 8/24/2012 by 
Saikrishna Kotha

Executed on 8/23/12 by 
Robert L. Winter