

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Hendrich M. Hernandez</td> <td>12/16/2011</td> </tr> <tr> <td>Gaurav Chawla</td> <td>12/15/2011</td> </tr> <tr> <td>Robert L. Winter</td> <td>12/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hendrich M. Hernandez	12/16/2011	Gaurav Chawla	12/15/2011	Robert L. Winter	12/20/2011
Name	Execution Date								
Hendrich M. Hernandez	12/16/2011								
Gaurav Chawla	12/15/2011								
Robert L. Winter	12/20/2011								
RECEIVING PARTY DATA									
Name:	DELL PRODUCTS, LP								
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>13331450</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13331450				
Property Type	Number								
Application Number:	13331450								
CORRESPONDENCE DATA									
Fax Number:	(512)439-7199								
Phone:	512-439-7100								
Email:	ecox@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>									
Correspondent Name:	Larson Newman, LLP								
Address Line 1:	8500 N. Mopac Expy., #280								
Address Line 4:	Austin, TEXAS 78759								
ATTORNEY DOCKET NUMBER:	DC-19343								
NAME OF SUBMITTER:	Timothy G. Newman								
Total Attachments: 4 source=_DC-19343 Assignment#page1.tif source=_DC-19343 Assignment#page2.tif source=_DC-19343 Assignment#page3.tif source=_DC-19343 Assignment#page4.tif									

CH \$40.00 13331450

ASSIGNMENT OF INVENTION

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

Hendrich M. Hernandez of Round Rock, Texas
Gaurav Chawla 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 Input/Output Virtualization using Virtualized Switch Aggregation Zones**, and naming as

INVENTOR(S): **Hendrich M. Hernandez; Gaurav Chawla; 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 12-16-11 by 
Hendrich M. Hernandez

Executed on _____ by _____
Gaurav Chawla

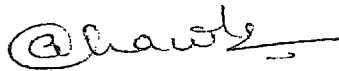
Executed on _____ by _____
Robert L. Winter

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.

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Executed on _____ by _____
Hendrich M. Hernandez

Executed on Dec 15, 2011 by 
Gaurav Chawla

Executed on _____ by _____
Robert L. Winter

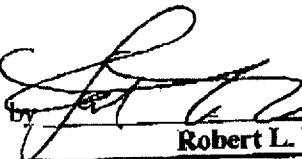
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Executed on _____ by Hendrich M. Hernandez

Executed on _____ by Gaurav Chawla

Executed on DECEMBER 20, 2011 by  Robert L. Winter