

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| 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>Bhyrav M. Mutnury</td> <td>03/20/2013</td> </tr> <tr> <td>Douglas E. Wallace</td> <td>03/20/2013</td> </tr> </tbody> </table>   |                    | Name          | Execution Date     | Bhyrav M. Mutnury   | 03/20/2013   | Douglas E. Wallace | 03/20/2013 |                |       |              |       |
| Name  | Execution Date     |               |                    |                     |              |                    |            |                |       |              |       |
| Bhyrav M. Mutnury   | 03/20/2013         |               |                    |                     |              |                    |            |                |       |              |       |
| Douglas E. Wallace  | 03/20/2013         |               |                    |                     |              |                    |            |                |       |              |       |
| RECEIVING PARTY DATA  |                    |               |                    |                     |              |                    |            |                |       |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>Dell Products L.P.</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 L.P. | Street Address:     | One Dell Way | City:              | Round Rock | State/Country: | TEXAS | Postal Code: | 78682 |
| 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>13829172</td> </tr> </tbody> </table>   |                    | Property Type | Number             | Application Number: | 13829172     |                    |            |                |       |              |       |
| Property Type   | Number             |               |                    |                     |              |                    |            |                |       |              |       |
| Application Number:   | 13829172           |               |                    |                     |              |                    |            |                |       |              |       |
| CORRESPONDENCE DATA   |                    |               |                    |                     |              |                    |            |                |       |              |       |
| <p>Fax Number: 5123228383<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 512-322-2500<br/>       Email: tracy.perez@bakerbotts.com<br/>       Correspondent Name: BAKER BOTTS L.L.P. PATENT DEPARTMENT<br/>       Address Line 1: 98 SAN JACINTO BLVD., SUITE 1500<br/>       Address Line 4: AUSTIN, TEXAS 78701-4039</p> |                    |               |                    |                     |              |                    |            |                |       |              |       |
| ATTORNEY DOCKET NUMBER:   | 016295.4862        |               |                    |                     |              |                    |            |                |       |              |       |
| NAME OF SUBMITTER:  | Tracy E. Perez     |               |                    |                     |              |                    |            |                |       |              |       |
| <p>Total Attachments: 3<br/>       source=4862Assignment#page1.tif<br/>       source=4862Assignment#page2.tif<br/>       source=4862Assignment#page3.tif</p>  |                    |               |                    |                     |              |                    |            |                |       |              |       |

CH \$40.00 13829172

## ASSIGNMENT

**WHEREAS**, we of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

**WHEREAS, Dell Products L.P.** (hereinafter referred to as "Assignee"), a Texas limited partnership, with an address of One Dell Way, Round Rock, Texas 78682, desires to acquire our entire right, title and interest in and to the invention filed **March 14, 2013 as Application Serial No. 13/829,172**, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all provisionals, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET  
016295.4862  
(100771.01)

ASSIGNMENT  
13/829,172

Title: SYSTEM AND METHOD OF ENHANCING SIGNAL INTEGRITY

Inventors: Bhyrav M. Mutnury and Douglas E. Wallace

Full name of Inventor:

BHYRAV M. MUTNURY

Inventor's Signature:

M. Bhyrav Mutnury

Date:

03/20/2013

ATTORNEY DOCKET  
016295.4862  
(100771.01)

ASSIGNMENT  
13/829,172

Title: **SYSTEM AND METHOD OF ENHANCING SIGNAL INTEGRITY**

Inventors: Bhyrav M. Mutnury and Douglas E. Wallace

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Full name of Inventor:

**DOUGLAS E. WALLACE**

Inventor's Signature:

*Douglas E. Wallace*

Date:

*3/20/2013*

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