

## 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>Vinay Kumar Vavili</td> <td>02/18/2013</td> </tr> <tr> <td>Chidambaram Ramanathan</td> <td>02/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vinay Kumar Vavili	02/18/2013	Chidambaram Ramanathan	02/18/2013				
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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>78682-2244</td> </tr> </table>		Name:	DELL PRODUCTS L.P.	Street Address:	One Dell Way	City:	Round Rock	State/Country:	TEXAS	Postal Code:	78682-2244
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CORRESPONDENCE DATA											
<p>Fax Number: 2142000853  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 214-651-5000        Email: ipdocketing@haynesboone.com        Correspondent Name: HAYNES AND BOONE, LLP - IP Section        Address Line 1: 2323 Victory Avenue        Address Line 2: Suite 700        Address Line 4: Dallas, TEXAS 75219</p>											
ATTORNEY DOCKET NUMBER:	16356.1584 (100853.01)										
NAME OF SUBMITTER:	Raquel C. West										
<p>Total Attachments: 2        source=DELL1584_assignment#page1.tif        source=DELL1584_assignment#page2.tif</p>											

OP \$40.00 13793107

## ASSIGNMENT

WHEREAS, we,

- (1) Vinay Kumar Vavili of Chennai, Tamilnadu, INDIA; and
- (2) Chidambaram Ramanathan of Chennai, Tamilnadu, INDIA

have invented certain improvements in a

### SYSTEM AND METHOD FOR REDUCED FORWARDING INFORMATION STORAGE

and executed a United States patent application filed on March 11, 2013, and assigned application Serial No. 13/793,107.

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, DELL PRODUCTS L.P., a Texas limited partnership having a place of business at One Dell Way, Round Rock, Texas 78682-2244 (DELL), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, transfer to DELL, its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to DELL, its successors and assigns; and we hereby agree that DELL may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by DELL.

(1)

Signed By:   
Vinay Kumar Vavili

18-Feb-2013  
Date

(2)

Signed By:   
Chidambaram Ramanathan

18-Feb-2013  
Date