

8/10/2011 6:17:39 AM PAGE 3/004 Fax Server  
 TO: WEAVER AUSTIN VILLENEUVE & SAMPSON LLP COMPANY: P.O. BOX 70250

PATENT ASSIGNMENT

08/08/2011  
 501619679

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | CORRECTIVE ASSIGNMENT  |               |                    |                     |              |                   |            |                |       |              |       |
|---|--|---------------|--------------------|---------------------|--------------|-------------------|------------|----------------|-------|--------------|-------|
| NATURE OF CONVEYANCE:   | Corrective Assignment to correct the date the second inventor executed the Assignment previously recorded on Reel 026592 Frame 0207. Assignor(s) hereby confirms the 2nd inventor executed the Assignment on 07/01/11. |               |                    |                     |              |                   |            |                |       |              |       |
| CONVEYING PARTY DATA  |  |               |                    |                     |              |                   |            |                |       |              |       |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vinod Jayaraman</td> <td>07/01/2011</td> </tr> <tr> <td>Ratna Manoj Bolla</td> <td>07/01/2011</td> </tr> </tbody> </table>  |  | Name          | Execution Date     | Vinod Jayaraman     | 07/01/2011   | Ratna Manoj Bolla | 07/01/2011 |                |       |              |       |
| Name  | Execution Date   |               |                    |                     |              |                   |            |                |       |              |       |
| Vinod Jayaraman   | 07/01/2011   |               |                    |                     |              |                   |            |                |       |              |       |
| Ratna Manoj Bolla   | 07/01/2011   |               |                    |                     |              |                   |            |                |       |              |       |
| 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>13182951</td> </tr> </tbody> </table>   |  | Property Type | Number             | Application Number: | 13182951     |                   |            |                |       |              |       |
| Property Type   | Number   |               |                    |                     |              |                   |            |                |       |              |       |
| Application Number:   | 13182951   |               |                    |                     |              |                   |            |                |       |              |       |
| CORRESPONDENCE DATA   |  |               |                    |                     |              |                   |            |                |       |              |       |
| <p>Fax Number: (510)663-0920<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 510-883-1100<br/>       Email: lervin@wavsip.com<br/>       Correspondent Name: Weaver Austin Villeneuve &amp; Sampson LLP<br/>       Address Line 1: P.O. Box 70250<br/>       Address Line 4: Oakland, CALIFORNIA 94612-0250</p> |  |               |                    |                     |              |                   |            |                |       |              |       |
| ATTORNEY DOCKET NUMBER:   | DELLP020/DC 19221  |               |                    |                     |              |                   |            |                |       |              |       |
| NAME OF SUBMITTER:  | Avery Audrey Kwan  |               |                    |                     |              |                   |            |                |       |              |       |
| <p>Total Attachments: 1<br/>       source=DELLP020_Assignment_exec#page1.tif</p>  |  |               |                    |                     |              |                   |            |                |       |              |       |

13182951  
 CH \$40.00

Email: lervin@wavsip.com  
Correspondent Name: Weaver Austin Villeneuve & Sampson LLP  
Address Line 1: P.O. Box 70250  
Address Line 4: Oakland, CALIFORNIA 94612-0250

ATTORNEY DOCKET  
NUMBER:

DELLP020/DC 19221

NAME OF SUBMITTER:

Avery Audrey Kwan

Signature:

/Audrey Kwan/

Date:

08/08/2011

Total Attachments: 1  
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#### RECEIPT INFORMATION

EPAS ID: PAT1649406  
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|                          |
|--------------------------|
| <b>PATENT ASSIGNMENT</b> |
|--------------------------|

Electronic Version v1.1  
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**07/14/2011**  
**501594980**

|  |  |
|--|--|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                         |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>  |  |
| Name   | Execution Date                         |
| Vinod Jayaraman  | 07/01/2011                             |
| Ratna Manoj Bolla  | 07/11/2011                             |
| <b>RECEIVING PARTY DATA</b>  |  |
| Name:  | DELL PRODUCTS L.P.                     |
| Street Address:  | One Dell Way                           |
| City:  | Round Rock                             |
| State/Country:   | TEXAS                                  |
| Postal Code:   | 78682                                  |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |
| Property Type  | Number                                 |
| Application Number:  | 13182951                               |
| <b>CORRESPONDENCE DATA</b>   |  |
| Fax Number:  | (510)663-0920                          |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |  |
| Phone:   | 510-663-1100                           |
| Email:   | lervin@wavsip.com                      |
| Correspondent Name:  | Weaver Austin Villeneuve & Sampson LLP |
| Address Line 1:  | P.O. Box 70250                         |
| Address Line 4:  | Oakland, CALIFORNIA 94612-0250         |
| ATTORNEY DOCKET NUMBER:  | DELLP020/DC 19221                      |
| NAME OF SUBMITTER:   | Avery Audrey Kwan                      |
| Total Attachments: 1<br>source=DELLP020_Assignment_exec#page1.tif                    |  |

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|   |                   |
|---|-------------------|
| Address Line 4: Oakland, CALIFORNIA 94612-0250                    |                   |
| ATTORNEY DOCKET NUMBER:   | DELLP020/DC 19221 |
| NAME OF SUBMITTER:  | Avery Audrey Kwan |
| Signature:  | /Audrey Kwan/     |
| Date:   | 07/14/2011        |
| Total Attachments: 1<br>source=DELLP020_Assignment_exec#page1.tif |                   |
| <b>RECEIPT INFORMATION</b>  |                   |
| EPAS ID:  | PAT1624231        |
| Receipt Date:   | 07/14/2011        |
| Fee Amount:   | \$40              |

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### ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

#### INTELLIGENT DEPLICATION DATA PREFETCHING

(Atty. Docket No. DELLP020/DC-19221), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
- which bears U.S. application No. \_\_\_\_\_ (Not accompanying)
- which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to DELL PRODUCTS L.P., a Texas corporation having a place of business at One Dell Way, Round Rock, Texas, 78682, ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

|    |  |                       |
|----|--|-----------------------|
| 1) | Signature: _____<br>Typed Name: <u>Vinod Jayaraman</u>   | Date: <u>07/01/11</u> |
| 2) | Signature: _____<br>Typed Name: <u>Ratna Manoj Bolla</u> | Date: <u>07/01/11</u> |

USPTO

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5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
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Signed on the date indicated beside my signature.

1) Signature: [Signature] Date: 07/01/11
Typed Name: Vinod Jayaraman
2) Signature: [Signature] Date: 07/01/11
Typed Name: Rama Manoj Bolla