

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>Brian Smith</td><td>09/02/2011</td></tr><tr><td>Tom Ramsdell</td><td>09/02/2011</td></tr><tr><td>Rob Rodriguez</td><td>09/02/2011</td></tr><tr><td>Shweta Shintre</td><td>09/02/2011</td></tr></tbody></table>	Name	Execution Date	Brian Smith	09/02/2011	Tom Ramsdell	09/02/2011	Rob Rodriguez	09/02/2011	Shweta Shintre	09/02/2011	
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Brian Smith	09/02/2011										
Tom Ramsdell	09/02/2011										
Rob Rodriguez	09/02/2011										
Shweta Shintre	09/02/2011										
RECEIVING PARTY DATA											
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>13243985</td></tr></tbody></table>	Property Type	Number	Application Number:	13243985							
Property Type	Number										
Application Number:	13243985										
CORRESPONDENCE DATA											
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Phone:	510-663-1100										
Email:	lervin@wavsip.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:	Weaver Austin Villeneuve & Sampson LLP										
Address Line 1:	P.O. Box 70250										
Address Line 4:	Oakland, CALIFORNIA 94612-0250										
ATTORNEY DOCKET NUMBER:	DELLP022/DC-19223										
NAME OF SUBMITTER:	Avery Audrey Kwan										
Total Attachments: 2 source=DELLP022_Assignment#page1.tif source=DELLP022_Assignment#page2.tif											

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PATENT
REEL: 027135 FRAME: 0309

ASSIGNMENT OF PATENT APPLICATION

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

APPLICATION TRANSPARENT DEDUPLICATION DATA

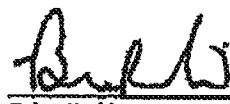


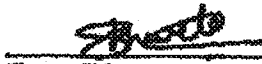
(Atty. Docket No. DC-19223/DELLP022), (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☒ which bears U.S. application No. 13/243,985. (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:  Date: 9/2/2011
Typed Name: Brian Smith
- 2) Signature:  Date: 9/2/2001^{TR}
Typed Name: Tom Randall
- 3) Signature:  Date: 9/2/2011
Typed Name: Rob Rodriguez
- 4) Signature:  Date: 9/2/2011
Typed Name: Shweta Shinde