

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>Paul Artman</td> <td>07/24/2012</td> </tr> <tr> <td>Hasnain Shabbir</td> <td>07/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paul Artman	07/24/2012	Hasnain Shabbir	07/24/2012				
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Paul Artman	07/24/2012										
Hasnain Shabbir	07/24/2012										
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
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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>13559031</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13559031						
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Application Number:	13559031										
CORRESPONDENCE DATA											
<p>Fax Number: 5123471615 Phone: 512-347-1611 Email: mjones@oepelaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: O'KEEFE, EGAN, PETERMAN & ENDERS LLP Address Line 1: 1101 CAPITAL OF TEXAS HIGHWAY SOUTH Address Line 2: #C200 Address Line 4: AUSTIN, TEXAS 78746</p>											
ATTORNEY DOCKET NUMBER:	DELL:151										
NAME OF SUBMITTER:	William W. Enders										
Total Attachments: 1 source=DELL151assignment#page1.tif											

CH \$40.00 13559031

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I

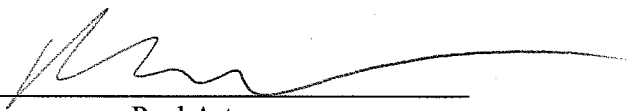
Paul Artman	of	Austin, Texas
Hasnain Shabbir	of	Round Rock, Texas

hereby sell, assign and transfer to Dell Products L.P., a Texas Limited Partnership, having a place of business at One Dell Way, Round Rock, Texas 78682-2244, its successors and assigns, the entire right, title and interest throughout the world in my invention in:


**THERMAL CONTROL SYSTEMS AND METHODS FOR INFORMATION
HANDLING SYSTEMS**

for which I have executed a United States patent application, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 24 day of July, 2012.



Paul Artman



Hasnain Shabbir