

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>Mark A. Casparian</td> <td>08/29/2013</td> </tr> <tr> <td>Frank C. Azor</td> <td>08/29/2013</td> </tr> <tr> <td>Joe A. Olmsted</td> <td>08/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mark A. Casparian	08/29/2013	Frank C. Azor	08/29/2013	Joe A. Olmsted	08/29/2013		
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Frank C. Azor	08/29/2013										
Joe A. Olmsted	08/29/2013										
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
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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>14013724</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14013724						
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CORRESPONDENCE DATA											
Fax Number: 5123471615 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 512-347-1611 Email: mjones@oepelaw.com Correspondent Name: Egan, Peterman & Enders LLP. Address Line 1: 1101 S. Capital of Texas Highway, Suite Address Line 4: Austin, TEXAS 78746											
ATTORNEY DOCKET NUMBER:	DELL:167										
NAME OF SUBMITTER:	William W. Enders										
Signature:	/William W. Enders/										
Date:	08/29/2013										

CH \$40.00 14013724

Total Attachments: 4

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ASSIGNMENT

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

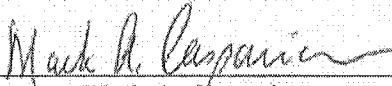
Mark A. Casparian	of	Miami, FL
Frank C. Azor	of	Palmetto Bay, FL
Joe A. Olmsted	of	Austin, TX

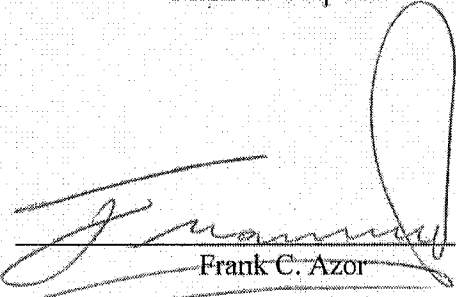
hereby sell, assign and transfer to Dell Products L.P., a Texas Limited Partnership, having a place of business at One Dell Way, Round Rock, Texas 78682-2244, its successors and assigns, the entire right, title and interest throughout the world in my invention in:

**SYSTEMS AND METHODS FOR IMPLEMENTING SPRING LOADED
MECHANICAL KEY SWITCHES WITH VARIABLE DISPLACEMENT SENSING**

for which I have executed a United States patent application, 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 29 day of August, 2013.


Mark A. Casparian


Frank C. Azor

Joe A. Olmsted

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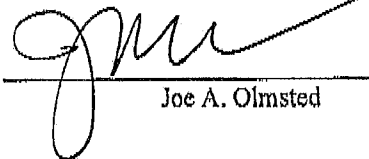
for which I have executed a United States patent application, all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named 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 29 day of August, 2013.

Mark A. Casparian

Frank C. Azor

Attorney Docket No.: DELL:167 (DC-101930)



Joe A. Olmsted