PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BHAVESH G. PATEL	11/05/2014
BHYRAV M. MUTNURY	11/05/2014

RECEIVING PARTY DATA

Name:	DELL PRODUCTS, LP	
Street Address:	One Dell Way	
City:	Round Rock	
State/Country:	TEXAS	
Postal Code:	78682	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14537011

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	DC-103955
NAME OF SUBMITTER:	TIMOTHY G. NEWMAN
SIGNATURE:	/timothy g newman/
DATE SIGNED:	11/10/2014

Total Attachments: 2

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PATENT 503054951 REEL: 034138 FRAME: 0227

Attorney Docket No.: DC-103955

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an Assignor named below,

Bhavesh G. Patel of Austin, Texas

Bhyrav M. Mutnury of Round Rock, Texas

hereby sell, assign and transfer to

ASSIGNEE:

DELL PRODUCTS, LP

One Dell Way

Round Rock, Texas 78682

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention disclosed in:

U.S. Patent A	pplication executed on or about the date of this Assignment, pplication executed on, or nal Application
U.S. Applicat	ion No.:, filed on, filed on
ENTITLED:	In-Situ Die-to-Die Impedance Estimation for High-Speed Serial Links, and naming as

INVENTOR(S): Bhavesh G. Patel; Bhyrav M. Mutnury

("Invention") including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said Invention, including divisions, continuations, continuations-in-part, utility models, industrial designs, renewals, substitutes and extensions thereof, and in and to any and all patents, invention registrations, or other forms of protection ("Patents") of every country or region that may be granted or have been granted for said Invention, including any reissues and reexaminations thereof.

To comply	with 37 C.F.R. § 3.	21 for recording this	Assignment.	I authorize and requ	est that the
application	number and filing	date be inserted here	, if not alread	v shown above.	and mittle 6416
	, filed	THE STATE SENIOUS CONTRACTOR OF THE STATE OF		they become known	i.

I authorize Assignee to apply for patents of foreign countries for said Invention, and to claim all rights of priority without further authorization from me.

I agree that, upon request and without further compensation, but at no expense to me, I and/or my legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said

Attorney Docket No.: DC-103955

Invention, said application, and any Patents granted for said Invention in the United States throughout the world.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Director of the United States Patent and Trademark Office and agencies, departments, or other similar offices and officials of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignce, its successors and assigns, as the assignce of the entire interest in said Invention.

ANTANA CONTRACTOR OF THE PARTY	00000000000000000000000000000000000000	
	Executed on 11/5/14 by 6/16	Bhavesh G. Patel

Executed on 11/5/2014 by M. Pshyrav Multing,
Bhyrav M. Mutnury