## PATENT ASSIGNMENT

## Electronic Version v1.1

51	y١	les	ne	eτ	v	er	SI	or	יו	V	١.	I	

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT					
NATURE OF CONVE	YANCE:	ASSIGNMENT	ASSIGNMENT					
CONVEYING PARTY	DATA							
		Name	Execution Date					
Paul Artman			03/03/2011					
Chris Everett Peterso	n		03/03/2011					
RECEIVING PARTY [	ΑΤΑ							
Name: Dell Products L.P.								
Street Address:	One Dell Way							
City:	Round Rock							
State/Country:	TEXAS							
Postal Code:	Postal Code: 78682							
PROPERTY NUMBER	RS Total: 1							
	1			11				
Property T	уре	Number		40				
Property Ty Application Number:		Number 8041375		41375				
	13			13041375				
Application Number:	13 : DATA	3041375						
Application Number:	DATA (713)583-2	3041375		\$40.00 13041375				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone:	DATA (713)583-2 be sent via US Ma 713-400-1	2245 <i>all when the fax attempt is unsuccessful.</i> 190		\$40.00				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email:	DATA (713)583-2 be sent via US Ma 713-400-1 Andrea.Tra	2245 <i>ail when the fax attempt is unsuccessful.</i> 190 an@IP-lawgroup.com						
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name	DATA (713)583-2 be sent via US Ma 713-400-1 Andrea.Tra : Garrana Tr	2245 <i>ail when the fax attempt is unsuccessful.</i> 190 an@IP-lawgroup.com ran LLP		\$40.00				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email:	DATA (713)583-2 be sent via US Ma 713-400-1 <sup>-1</sup> Andrea.Tra : Garrana Tr 2000 BERI	2245 <i>ail when the fax attempt is unsuccessful.</i> 190 an@IP-lawgroup.com		\$40.00				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1:	DATA (713)583-2 be sent via US Ma 713-400-1 Andrea.Tra : Garrana Tr 2000 BERI Houston, T	2245 <i>ail when the fax attempt is unsuccessful.</i> 190 an@IP-lawgroup.com ran LLP NG DR STE 150		\$40.00				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA (713)583-2 be sent via US Ma 713-400-1 Andrea.Tra : Garrana Tr 2000 BERI Houston, T	2245 <i>ail when the fax attempt is unsuccessful.</i> 190 an@IP-lawgroup.com °an LLP NG DR STE 150 °EXAS 77401		\$40.00				

DL005.0112 (or DC-17862)

PATENT ASSIGNMENT Page 1 of 2

## ASSIGNMENT

WHEREAS, We/l of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

WHEREAS, Dell Products L.P. (herein after "ASSIGNEE"), a Texas limited partnership, with an address of One Dell Way, Round Rock, Texas 78682 desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We/I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, any and all provisionals, divisions, continuations, continuations-in-part, substitutions, renewals, reexaminations and all other applications for patent having subject matter related hereto, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefore; and We/I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We/I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and We/I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We/I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, We/I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Initials  $\frac{PA}{CEP}$  PA

DL005.0112 (or DC-17862)

PATENT ASSIGNMENT Page 2 of 2

TITLE: Methods for Managing Fans Within Information Handling Systems

JOINT INVENTORS:

Inventor's Signature:

Post Office Address:

Date:

Residence:

Citizenship:

Paul Artman and Chris Everett Peterson

Full name of the First Joint Inventor:

Paul Artman

2/2/ 201

Austin, Travis County United States of America 13601 Country Lake Drive Austin, Texas 78732

Full name of the Second Joint Inventor:

Inventor's Signature:

Date:

Residence:

Citizenship;

Post Office Address:

Chris Everett Peterson

03 March 2011

Austin, Travis County United States of America 2701 South 2<sup>nd</sup> Street Austin, TX 78704

> PATENT REEL: 025906 FRAME: 0499

**RECORDED: 03/05/2011**