

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BHYRAV MURTHY MUTNURY	02/15/2018
CHUN-LIN LIAO	02/14/2018
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	
Property Type	Number
Application Number:	15898845
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ATTORNEY DOCKET NUMBER:	016295.5447
NAME OF SUBMITTER:	TRACY E. ENGBERG
SIGNATURE:	/Tracy E. Engberg/
DATE SIGNED:	02/19/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, I/We 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. (hereinafter referred to as "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 that 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, I/We 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, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I/We authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I/We 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 I/We 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.

I/We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I/We will testify in any legal proceedings, sign all lawful papers, execute all provisionals, 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.

ATTORNEY DOCKET
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ASSIGNMENT

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Title of Invention:

**SYSTEM AND METHOD OF UTILIZING
SERPENTINE REGIONS**

Signature of Inventor:

M. Bhyrav Murthy

Inventor's Name:

Bhyrav Murthy Mutnury

Date:

02/15/2018

ATTORNEY DOCKET
016295.5447
[109873.01]

ASSIGNMENT

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Title of Invention:

**SYSTEM AND METHOD OF UTILIZING
SERPENTINE REGIONS**

Signature of Inventor:

Chun-Lin Liao

Inventor's Name:

Chun-Lin Liao

Date:

02.14.2018
