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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4070732

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|------------------------------|---|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the ATTORNEY DOCKET NUMBER: 016295.4868 NEEDS TO BE CORRECTED TO BE 016295.4846 AND REFILE OF THE EXECUTED ASSIGNMENT previously recorded on Reel 029824 Frame 0733. Assignor(s) hereby confirms the 016295.4868 TO BE CORRECTED TO 016295.4846. |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| SANDOR T. FARKAS | 02/15/2013 |
| BHYRAV M. MUTNURY | 02/15/2013 |
| GIRISH K. SINGH | 02/15/2013 |

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: | 13769592 |

CORRESPONDENCE DATA

Fax Number: (512)322-8383

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5123222508

Email: juli.luong@bakerbotts.com

Correspondent Name: BAKER BOTTS L.L.P.

Address Line 1: ONE SHELL PLAZA

Address Line 2: 910 LOUISIANA

Address Line 4: HOUSTON, TEXAS 77002

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|--------------------------------|--------------|
| ATTORNEY DOCKET NUMBER: | 016295.4846 |
| NAME OF SUBMITTER: | JULI LUONG |
| SIGNATURE: | /Juli Luong/ |
| DATE SIGNED: | 09/27/2016 |

Total Attachments: 6

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| PATENT ASSIGNMENT |
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Electronic Version v1.1

Stylesheet Version v1.1

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|---|----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Sandor T. Farkas | 02/15/2013 |
| Bhyrav M. Mutnury | 02/15/2013 |
| Girish K. Singh | 02/15/2013 |
| 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: | 13769595 |
| CORRESPONDENCE DATA | |
| Fax Number: | 5123228383 |
| Phone: | 512.322.2601 |
| Email: | tracy.perez@bakerbotts.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: Baker Botts L.L.P. | |

Address Line 1: One Shell Plaza
Address Line 2: 910 Louisiana
Address Line 4: Houston, TEXAS 77002

ATTORNEY DOCKET NUMBER: 016295.4846

NAME OF SUBMITTER: Tracy E. Perez

Signature: /s/Tracy E. Perez/

Date: 02/18/2013

Total Attachments: 4
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RECEIPT INFORMATION

EPAS ID: PAT2273941
Receipt Date: 02/18/2013
Fee Amount: \$40

ATTORNEY DOCKET
016295.4846
(100655.01)

ASSIGNMENT
Joint Inventors

ASSIGNMENT

WHEREAS, 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 our 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, 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 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.

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 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.

We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, 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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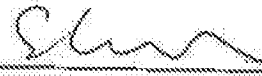
Title: FLEX CIRCUIT

Inventors: Sandor T. Farkas, Bhyrav M. Mutaury, and Girish K. Singh

Full name of Inventor:

SANDOR T. FARKAS

Inventor's Signature:



Date:

2/15/2013

ATTORNEY DOCKET
016295.4846
(100655.01)

ASSIGNMENT

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Title: FLEX CIRCUIT

Inventors: Sandor T. Farkas, Bhyrav M. Mutnury, and Girish K. Singh

Full name of Inventor:

BHYRAV M. MUTNURY

Inventor's Signature:

M. Bhyrav Mutnury

Date:

02/15/2013

ATTORNEY DOCKET
016295.4846
(100655.01)

ASSIGNMENT

4/4

Title: FLEX CIRCUIT

Inventors: Sandor T. Farkas, Bhyrav M. Mutnury, and Girish K. Singh

Full name of Inventor:

GIRISH K. SINGH

Inventor's Signature:

Girish K. Singh

Date:

2/15/2013

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016295.4846