11/13/2015 503569050

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| MICHAEL J. KLEMM | 11/09/2015 |
| ANTHONY FLOEDER | 11/09/2015 |

RECEIVING PARTY DATA

| Name: | Dell Products L.P. |
|-----------------|--------------------|
| Street Address: | One Dell Way |
| City: | Round Rock |
| State/Country: | TEXAS |
| Postal Code: | 78682-2244 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14940890 |

CORRESPONDENCE DATA

Fax Number: (512)391-2173

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.

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| ATTORNEY DOCKET NUMBER: | 102450.00264 |
|-------------------------|---------------|
| NAME OF SUBMITTER: | MINDY MAYER |
| SIGNATURE: | /mindy mayer/ |
| DATE SIGNED: | 11/13/2015 |

Total Attachments: 3

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> **PATENT** REEL: 037037 FRAME: 0117 503569050

ASSIGNMENT

WHEREAS, MICHAEL J. KLEMM, a citizen of the United States of America, residing at 2101 Rivendell Lane, Minnetonka, Minnesota 55305, and ANTHONY FLOEDER, a citizen of the United States of America, residing at 2809 Hilldale Avenue, St. Anthony, Minnesota 55418, and hereinafter called the "Assignors", have made the invention described in the United States patent application entitled *Systems and Methods for Data Storage Tiering*, Attorney Docket No. 102450.00264 (105613.01), for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 13, 2015 and assigned Application Serial No. 14/940890; and

For good and valuable consideration, the receipt of which is hereby acknowledged, we hereby also sell, assign and transfer unto DELL PRODUCTS L.P., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in the United States of America and all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize DELL PRODUCTS L.P. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, continuation-in-part, or reissue, to DELL PRODUCTS L.P., for the sole use and benefit of DELL PRODUCTS L.P., its successors, assigns and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to DELL PRODUCTS L.P.

We agree that, when requested, we will, without charge to DELL PRODUCTS L.P., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in DELL PRODUCTS L.P., its successors, assigns and legal representatives or nominees.

PATENT REEL: 037037 FRAME: 0118 Assignment Page 2 of 3

We covenant with DELL PRODUCTS L.P., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

| Name of First Inventor | MICHAEL J. KLEMM |
|-----------------------------|------------------|
| SIGNATURE OF FIRST INVENTOR | Michael J Klin |
| DATE | 11-9-15 |

PATENT REEL: 037037 FRAME: 0119

| Name of Second Inventor | ANTHONY FLOEDER |
|------------------------------|-----------------|
| | |
| SIGNATURE OF SECOND INVENTOR | and have |
| DATE | 4-1-15 |

PATENT REEL: 037037 FRAME: 0120

RECORDED: 11/13/2015