PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3915274

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| JOHN COLGROVE | 09/14/2010 |
| JOHN HAYES | 09/14/2010 |
| BO HONG | 09/14/2010 |
| FENG WANG | 09/14/2010 |
| ETHAN MILLER | 09/15/2010 |
| CRAIG HARMER | 09/14/2010 |

RECEIVING PARTY DATA

| Name: | PURE STORAGE, INC. |
|-------------------|--------------------|
| Street Address: | 650 CASTRO STREET |
| Internal Address: | SUITE 400 |
| City: | MOUNTAIN VIEW |
| State/Country: | CALIFORNIA |
| Postal Code: | 94041 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14513007 |

CORRESPONDENCE DATA

Fax Number: (512)472-9887

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: 512-472-9881

Email: hanna@klspatents.com

Correspondent Name: PURE STORAGE, INC. C/O KLS

Address Line 1: 8601 RANCH ROAD 2222

Address Line 2: STE. 1-225

Address Line 4: AUSTIN, TEXAS 78730

| ATTORNEY DOCKET NUMBER: | 0006US03 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | HANNA KIM/12337/ |
| SIGNATURE: | /12337/ |
| DATE SIGNED: | 06/13/2016 |

503868625 PATENT REEL: 038898 FRAME: 0645

Total Attachments: 4

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PATENT REEL: 038898 FRAME: 0646

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to <u>PURE Storage</u>, <u>Inc</u> (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the state of <u>Delaware</u>, and having its principal place of business at <u>650 Castro Street</u>, <u>Suite 220</u>, <u>Mountain View</u>, <u>CA 94041</u>, their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, <u>SCHEDULING OF RECONSTRUCTIVE I/O READ OPERATIONS IN A STORAGE ENVIRONMENT</u>, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT REEL: 038898 FRAME: 0647 COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

| (Signature) Name: | Joan Colgrove | Date: 9/14/10 |
|----------------------|---------------|------------------|
| (Signature) | John Hayes | Date: 09/14/2010 |
| (Signature) Name: | Ro Hong | Date: 9/14/20/0 |
| (Signature)/ | Fang Wang | Date: 09/14/2010 |
| (Signature) Name: | Ethan Miller | Date: |
| (Signature) Name: | Craig Harmer | Date: |

Rory D. Rankin Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, TX 78767-0398

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to <u>PURE Storage</u>, <u>Inc</u> (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the state of <u>Delaware</u>, and having its principal place of business at <u>650 Castro Street</u>, <u>Suite 220</u>, <u>Mountain View</u>, <u>CA 94041</u>, their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, <u>SCHEDULING OF RECONSTRUCTIVE I/O READ OPERATIONS IN A STORAGE ENVIRONMENT</u>, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT 6402-00700

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

| (Signature) Name: | John Colgrove | Date: | ejanoja. |
|----------------------|----------------------|----------------|-------------|
| (Signature) Name: | John Hayes | Date: | · · |
| (Signature) Name: | Bo Hong | Date: | Wani |
| (Signature) | Feng Wang | Date: | osidi. |
| (Signature) Name: | # MA Ethan Miller | Date: 9/15/201 | |
| (Signature) Kame: | Graig Harmer | Date: 9/14/20 | 2/0 |

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