

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5891475

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN COLGROVE	02/01/2019
CRAIG HARMER	12/15/2019
JOHN HAYES	02/01/2019
BO HONG	02/01/2019
ETHAN MILLER	02/01/2019
FENG WANG	02/01/2019
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:	16266734
CORRESPONDENCE DATA	
Fax Number:	(512)472-9887
<i>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.</i>	
Phone:	512-472-9881
Email:	kate@klspatents.com
Correspondent Name:	PURE STORAGE, INC. C/O KLS
Address Line 1:	301 CONGRESS AVENUE
Address Line 2:	STE. 1350
Address Line 4:	AUSTIN, TEXAS 78701
ATTORNEY DOCKET NUMBER:	0005US06
NAME OF SUBMITTER:	KATE HILL/13508/
SIGNATURE:	/13508/
DATE SIGNED:	01/02/2020

PATENT

Total Attachments: 6

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ASSIGNMENT-STATEMENT

Title of Invention: **SCHEDULING OF REACTIVE I/O OPERATIONS IN A STORAGE ENVIRONMENT**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

☒ United States application or PCT international application number 16/266,734
filed on February 4, 2019.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the Docket Number provided above in the header of this document;

Whereas, Pure Storage, Inc., (herein referred to as the "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, with a principal office at 650 Castro Street, Suite 400, Mountain View, CA 94041 (herein referred to as "Pure Storage"), desires to acquire, and each undersigned inventor desires to grant to Pure Storage, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Delaware, and any disputes will be resolved in a Delaware state court or federal court sited in Delaware.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: / John Colgrave / Date: 2/1/2019

(1) Legal Name of Inventor: **JOHN COLGROVE**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **CRAIG HARMER**

Signature: 1 PK 1 Date: 2/1/2019

(3) Legal Name of Inventor: **JOHN HAYES**

Signature: / Bo Hong / Date: 2/1/2019

(4) Legal Name of Inventor: **BO HONG**

Signature: _____ / *Ethan Miller* / _____ Date: 2/1/2019

(5) Legal Name of Inventor: **ETHAN MILLER**

Signature: _____ / *Feng Wang* / _____ Date: 2/1/2019

(6) Legal Name of Inventor: **FENG WANG**

ASSIGNMENT-STATEMENT

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Delaware, and any disputes will be resolved in a Delaware state court or federal court sited in Delaware.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: _____/_____ Date: _____

(1) Legal Name of Inventor: **JOHN COLGROVE**

Signature: Craig R Harmer Date: 12/15/2019

(2) Legal Name of Inventor: **CRAIG HARMER**

Signature: _____/_____ Date: _____

(3) Legal Name of Inventor: **JOHN HAYES**

Signature: _____/_____ Date: _____

(4) Legal Name of Inventor: **BO HONG**

Signature: ____/____/____ Date: _____

(5) Legal Name of Inventor: ETHAN MILLER

Signature: ____/____/____ Date: _____

(6) Legal Name of Inventor: FENG WANG