505071764 08/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5118520

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRON VIJAYASANKAR	08/29/2018
ALEXANDRE XAVIER DUCHATEAU	08/28/2018
CONSTANTINE P. SAPUNTZAKIS	08/29/2018
YUVAL FRANDZEL	08/29/2018

RECEIVING PARTY DATA

Name:	PURE STORAGE, INC.
Street Address:	650 CASTRO STREET, SUITE 260
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94041

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16116772	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P70479 12020US.1
NAME OF SUBMITTER:	DANIEL E. OVANEZIAN REG NO 41236
SIGNATURE:	/Daniel Ovanezian/
DATE SIGNED:	08/30/2018

Total Attachments: 4

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> **PATENT** REEL: 046754 FRAME: 0344 505071764

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PATENT REEL: 046754 FRAME: 0345

ASSIGNMENT OF PATENT APPLICATION

Whereas we, the undersigned inventors, have invented certain new and useful improvements as set forth in the patent application entitled:

ENCRYPTION MANAGEMENT WITH HOST-SIDE DATA REDUCTION

(Attorney Docket No. P70479 12020US.1) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned inventors, hereby:

- 1) Sell, assign and transfer to <u>Pure Storage</u>, <u>Inc.</u>, a <u>Delaware</u> corporation having a place of business at <u>650 Castro Street</u>, <u>Suite 260</u>, <u>Mountain View</u>, <u>California 94041</u>. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventors, as well as the inventors' heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) If this assignment is submitted for recordation at a time other than at the time of filing said patent application, Assignors hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of said application after the same shall have been identified by the United States Patent Office:

Patent	Applicatio	n Serial No.	16/116,77	2			
Filing	Date:/	August 29, 201	8			ŕ	
Signed	on the dat	e indicated be	eside our si	gnatures.			
Signature:	<u></u>	<u>un</u>		Kiron Vijayas	sankar	Date:	08/29/2018

Attorney Docket No. P70479 12020US.1

Signature:	// Alexandre Xavier Duchateau	Date:	
Signature:	Constantine P. Sapuntzakis	Date:	08/29/208
Signature:	/ Yund Frandzel	Date:	08/21/2018

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- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventors, as well as the inventors' heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) If this assignment is submitted for recordation at a time other than at the time of filing said patent application, Assignors hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of said application after the same shall have been identified by the United States Patent Office:

Paten	t Applica	ation Serial No		
Filing	g Date: _	August 29, 2018		
Siana	d on the	data indicated basida ave signaturos		
Signe	a on the	date indicated beside our signatures.		
Signature:	/	/		ate:
		Kiron Vija	ayasankar	

Attorney Docket No. P70479 12020US.1

Signature:	/	Alexandre Xavier Duchateau F4856A1DE1F74A9 Alexandre Xavier Duchateau	Date:	8/28/2018
Signature:	/	/ Constantine P. Sapuntzakis	Date:	
Signature:	/	/ Yuval Frandzel	Date:	

Attorney Docket No. P70479 12020US.1

RECORDED: 08/30/2018

PATENT REEL: 046754 FRAME: 0349