

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5729951

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
INTERNATIONAL BUSINESS MACHINES CORPORATION		09/06/2019
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: 97		
Property Type	Number	
Application Number:	12775299	
Application Number:	13868064	
Application Number:	14172218	
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Property Type	Number
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Application Number:	16402170
Application Number:	16427420
Application Number:	16434947
Application Number:	16436624

Property Type	Number
Application Number:	16440400
Application Number:	16426100

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ATTORNEY DOCKET NUMBER:	IBM-PST #2
NAME OF SUBMITTER:	KAREN TAYLOR
SIGNATURE:	/Karen Taylor/
DATE SIGNED:	09/20/2019

Total Attachments: 40

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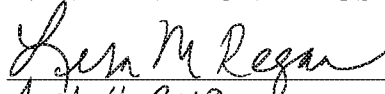
Form of Recordable Patent Assignment and Reservation

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement Reference No. L190238 between the parties with an effective time and date of 11:59pm United States Eastern Time on on September 6, 2019 ("Effective Time and Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at Armonk, New York (hereinafter "ASSIGNOR"), hereby grants and assigns to Pure Storage, Inc., a Delaware corporation having a place of business at Mountain View, California (hereinafter "ASSIGNEE"), all of IBM's right, title and interest in and to the patents and patent applications identified in Exhibits A-I, A-II, C-I and C-II, attached hereto, (hereinafter, collectively, "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including all damages for infringement of any of the Assigned Patents and the sole right to sue therefore under such Assigned Patents, for the full term or terms of all such ASSIGNED PATENTS, subject to all rights granted under the ASSIGNED PATENTS to third parties prior to said Effective Time & Date.

ASSIGNOR hereby reserves and retains, for the benefit of itself and its subsidiaries and its and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment and Reservation to be duly signed on its behalf.

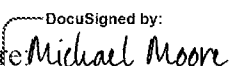
ASSIGNOR: INTERNATIONAL BUSINESS MACHINES CORPORATION

Signature: 
Date: Sept. 11, 2019

Name: Lisa M. Regan
Title: Director, Research and Intellectual Property Finance

ASSIGNEE hereby accepts and acknowledges the assignment of ASSIGNED PATENTS as stated above.

ASSIGNEE: PURE STORAGE, INC.

DocuSigned by:
Signature: 
Date: 9/12/2019
BC1585A045AB438...

Name: Michael Moore
Title: Vice President & Associate General Counsel, Products & IP

EXHIBIT A-I
LISTED PATENTS (United States)

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
END920165001US2	US	10078472	14/984024	12/30/2015	9/18/2018
END920165002US2	US	10079887	15/006735	1/26/2016	9/18/2018
END920165005US10	US	10168904	15/457408	3/13/2017	1/1/2019
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END920165691US2	US	9898373	14/215335	3/17/2014	2/20/2018
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END920165711US3	US	9547548	15/012555	2/1/2016	1/17/2017
END920165711US4	US	9141297	13/890510	5/9/2013	9/22/2015
END920165711US5	US	10108484	15/346486	11/8/2016	10/23/2018
END920165711US6	US	10157011	15/350904	11/14/2016	12/18/2018
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END920165722US4	US	9507786	13/718961	12/18/2012	11/29/2016
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END920165723US10	US	9430286	13/865659	4/18/2013	8/30/2016
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END920165723US12	US	10120755	14/843092	9/2/2015	11/6/2018
END920165723US13	US	8898542	13/707502	12/6/2012	11/25/2014
END920165723US14	US	9304858	13/707525	12/6/2012	4/5/2016
END920165723US15	US	9015556	13/707542	12/6/2012	4/21/2015
END920165723US16	US	9292385	14/635178	3/2/2015	3/22/2016
END920165723US17	US	9740730	15/249800	8/29/2016	8/22/2017
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END920165723US20	US	10303521	15/341722	11/2/2016	5/28/2019
END920165723US22	US	9998540	15/403671	1/11/2017	6/12/2018
END920165723US25	US	10146621	15/405130	1/12/2017	12/4/2018
END920165723US26	US	9817701	15/405203	1/12/2017	11/14/2017
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END920165726US3	US	9304843	13/611622	9/12/2012	4/5/2016
END920165726US4	US	8683286	13/611803	9/12/2012	3/25/2014
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END920165726US6	US	8607122	13/611866	9/12/2012	12/10/2013
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END920165728US3	US	9104541	14/325604	7/8/2014	8/11/2015
END920165728US4	US	9785491	13/588286	8/17/2012	10/10/2017
END920165728US5	US	8782492	13/588350	8/17/2012	7/15/2014
END920165728US6	US	9262247	14/331596	7/15/2014	2/16/2016
END920165729US2	US	8677214	13/611962	9/12/2012	3/18/2014
END920165729US3	US	10216576	14/217662	3/18/2014	2/26/2019
END920165729US4	US	8782494	13/612043	9/12/2012	7/15/2014
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END920165729US6	US	9128870	14/480139	9/8/2014	9/8/2015
END920165729US7	US	9471426	14/819113	8/5/2015	10/18/2016
*END920165730US2	US	8930649	13/565562	8/2/2012	1/6/2015
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END920165731US8	US	9087016	14/330194	7/14/2014	7/21/2015
END920165732US2	US	9852017	13/547769	7/12/2012	12/26/2017
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END920165735US6	US	9560133	13/464272	5/4/2012	1/31/2017
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END920165736US7	US	9110593	14/331676	7/15/2014	8/18/2015
END920165736US8	US	10127402	15/341456	11/2/2016	11/13/2018
END920165736US9	US	9940195	15/718200	9/28/2017	4/10/2018
END920165737US3	US	9292682	13/450034	4/18/2012	3/22/2016
END920165737US4	US	8707393	13/450055	4/18/2012	4/22/2014
END920165738US2	US	9141458	13/450186	4/18/2012	9/22/2015
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END920165740US2	US	8627091	13/413232	3/6/2012	1/7/2014
END920165740US3	US	9894151	14/147982	1/6/2014	2/13/2018
END920165740US4	US	8874990	13/413261	3/6/2012	10/28/2014
END920165740US5	US	9137303	14/524037	10/27/2014	9/15/2015
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END920165742US4	US	9658911	13/372715	2/14/2012	5/23/2017
END920165743US2	US	8868695	13/372611	2/14/2012	10/21/2014
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END920165744US3	US	8688949	13/343405	1/4/2012	4/1/2014
END920165744US4	US	8914609	14/230446	3/31/2014	12/16/2014
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END920165745US2	US	9081714	13/347140	1/10/2012	7/14/2015
END920165745US3	US	9081715	13/347204	1/10/2012	7/14/2015
END920165745US4	US	8726127	13/347266	1/10/2012	5/13/2014
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END920165746US2	US	8897443	13/309353	12/1/2011	11/25/2014
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END920165747US8	US	9927977	15/426698	2/7/2017	3/27/2018
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END920165748US5	US	9454431	14/035433	9/24/2013	9/27/2016
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END920165756US2	US	8627114	13/180675	7/12/2011	1/7/2014
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END920165758US10	US	9231768	13/154740	6/7/2011	1/5/2016
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END920165760US10	US	8683205	13/105136	5/11/2011	3/25/2014
END920165760US2	US	8898513	13/105074	5/11/2011	11/25/2014
END920165760US3	US	8521697	13/105094	5/11/2011	8/27/2013
END920165760US4	US	8683259	13/105103	5/11/2011	3/25/2014
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END920165761US4	US	9563507	14/679578	4/6/2015	2/7/2017
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END920165761US7	US	8448044	13/097357	4/29/2011	5/21/2013
END920165761US8	US	8627177	13/897567	5/20/2013	1/7/2014
END920165761US9	US	8861727	13/097396	4/29/2011	10/14/2014
END920165762US10	US	8761167	13/080312	4/5/2011	6/24/2014
END920165762US11	US	9235549	14/312163	6/23/2014	1/12/2016
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END920165762US15	US	9092386	13/920708	6/18/2013	7/28/2015
END920165762US16	US	9495117	14/454942	8/8/2014	11/15/2016
END920165762US17	US	9077734	13/180673	7/12/2011	7/7/2015
END920165762US18	US	8649399	13/080446	4/5/2011	2/11/2014
END920165762US19	US	9524267	14/176807	2/10/2014	12/20/2016
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END920165762US20	US	8654789	13/080490	4/5/2011	2/18/2014
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END920165762US22	US	9563598	14/148286	1/6/2014	2/7/2017
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END920165762US3	US	8681790	13/080177	4/5/2011	3/25/2014
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END920165763US4	US	8769379	13/887560	5/6/2013	7/1/2014
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END920165763US9	US	9063881	13/021552	2/4/2011	6/23/2015
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END920165764US16	US	9170884	14/453241	8/6/2014	10/27/2015
END920165764US17	US	8527705	12/983221	12/31/2010	9/3/2013
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END920165768US14	US	9774684	14/876154	10/6/2015	9/26/2017
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END920165768US17	US	10044807	15/839457	12/12/2017	8/7/2018
END920165768US18	US	10051057	15/839814	12/12/2017	8/14/2018

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END920165768US23	US	10257276	16/048011	7/27/2018	4/9/2019
END920165768US25	US	10270858	16/024669	6/29/2018	4/23/2019
END920165768US26	US	10305989	16/170817	10/25/2018	5/28/2019
END920165768US27	US	10305990	16/205780	11/30/2018	5/28/2019
END920165768US3	US	8826067	14/062478	10/24/2013	9/2/2014
END920165768US4	US	8595435	12/797025	6/9/2010	11/26/2013
END920165768US5	US	8549351	12/954137	11/24/2010	10/1/2013
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END920165768US8	US	9697171	14/335915	7/20/2014	7/4/2017
END920165768US9	US	10027478	15/208790	7/13/2016	7/17/2018
END920165769US2	US	8885821	12/954875	11/28/2010	11/11/2014
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END920165770US07	US	9900387	15/681026	8/18/2017	2/20/2018
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END920165770US3	US	9201732	14/446703	7/30/2014	12/1/2015
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END920165776US2	US	8762343	12/902684	10/12/2010	6/24/2014
END920165776US3	US	9679153	14/312532	6/23/2014	6/13/2017
END920165776US4	US	9489533	14/312550	6/23/2014	11/8/2016
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END920165777US11	US	9823845	15/612750	6/2/2017	11/21/2017
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END920165777US6	US	9747457	14/705752	5/6/2015	8/29/2017
END920165777US7	US	8458233	12/885244	9/17/2010	6/4/2013
END920165777US8	US	8762346	13/908516	6/3/2013	6/24/2014
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END920165778US2	US	8621268	12/862871	8/25/2010	12/31/2013
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END920165779US3	US	9268641	14/230253	3/31/2014	2/23/2016
END920165779US4	US	10015141	14/328311	7/10/2014	7/3/2018
END920165779US5	US	9996548	14/328904	7/11/2014	6/12/2018
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END920165780US3	US	8726071	13/779452	2/27/2013	5/13/2014
END920165780US4	US	9431055	14/275560	5/12/2014	8/30/2016
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END920165780US8	US	9870795	15/085648	3/30/2016	1/16/2018
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END920165782US2	US	8918897	12/862887	8/25/2010	12/23/2014
END920165782US3	US	9152514	13/866224	4/19/2013	10/6/2015
END920165782US4	US	9270298	14/335912	7/20/2014	2/23/2016
END920165782US5	US	9501349	14/336195	7/21/2014	11/22/2016
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END920165783US12	US	9965354	15/089943	4/4/2016	5/8/2018
END920165783US13	US	8630987	12/839220	7/19/2010	1/14/2014
END920165783US14	US	9378091	14/142206	12/27/2013	6/28/2016
END920165783US15	US	9858143	15/230108	8/5/2016	1/2/2018
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END920165783US2	US	8819011	12/839209	7/19/2010	8/26/2014
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END920165783US7	US	8631303	13/932320	7/1/2013	1/14/2014
END920165783US8	US	8914707	14/132020	12/18/2013	12/16/2014
END920165783US9	US	9063658	14/288453	5/28/2014	6/23/2015
END920165784US2	US	8589637	12/817171	6/16/2010	11/19/2013
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END920165784US4	US	8522022	12/817201	6/17/2010	8/27/2013
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END920165785US3	US	9009491	13/736848	1/8/2013	4/14/2015
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END920165791US2	US	8924387	12/789459	5/28/2010	12/30/2014
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END920165799US10	US	8612796	13/753432	1/29/2013	12/17/2013
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END920165799US14	US	9405607	14/014692	8/30/2013	8/2/2016
END920165799US15	US	10007574	15/224784	8/1/2016	6/26/2018
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END920165817US5	US	8140777	12/499489	7/8/2009	3/20/2012
END920165817US6	US	7574579	11/404071	4/13/2006	8/11/2009
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END920165817US8	US	8171101	11/973622	10/9/2007	5/1/2012
END920165817US9	US	8171102	12/684085	1/7/2010	5/1/2012
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END920165902US9	US	8522074	12/842932	7/23/2010	8/27/2013
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END920160374US1	US	10013309	15/238791	8/17/2016	7/3/2018
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END920165014US10	US	10073658	15/353157	11/16/2016	9/11/2018
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END920165017US8	US	10298683	15/398353	1/4/2017	5/21/2019
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END920165652US10	US	10120757	15/425553	2/6/2017	11/6/2018
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END920165652US9	US	10326740	15/410329	1/19/2017	6/18/2019
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END920165001US2	US	10078472	14/984024	12/30/2015	9/18/2018
END920165667US2	US	9606867	14/680459	4/7/2015	3/28/2017
END920165667US4	US	10102069	15/400767	1/6/2017	10/16/2018
END920165668US3	US	10095872	14/675183	3/31/2015	10/9/2018
END920165668US4	US	10152601	14/675360	3/31/2015	12/11/2018
END920165674US04	US	10140182	15/841759	12/14/2017	11/27/2018
END920165675US2	US	9778987	14/570366	12/15/2014	10/3/2017
END920165675US3	US	10275313	15/705782	9/15/2017	4/30/2019
END920165736US7	US	9110593	14/331676	7/15/2014	8/18/2015
END920165738US3	US	9830222	14/844145	9/3/2015	11/28/2017
END920165740US5	US	9137303	14/524037	10/27/2014	9/15/2015
END920165741US3	US	9110834	14/480945	9/9/2014	8/18/2015
END920165741US5	US	9135114	14/481245	9/9/2014	9/15/2015
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END920165745US5	US	8966341	14/276006	5/13/2014	2/24/2015
END920165747US3	US	9037904	14/479905	9/8/2014	5/19/2015
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