

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	10/27/2015
RECEIVING PARTY DATA		
Name:	Hewlett Packard Enterprise Development LP	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15518211
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	90405196	
NAME OF SUBMITTER:	LAURA M. ZAVALA	
SIGNATURE:	/Laura M. Zavala/	
DATE SIGNED:	08/09/2017	
Total Attachments: 3		
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PATENT ASSIGNMENT Hewlett-Packard Development Company, L.P. TO
Hewlett Packard Enterprise Development LP

PATENT ASSIGNMENT
FROM
Hewlett-Packard Development Company, L.P.
TO
Hewlett Packard Enterprise Development LP

This Patent Assignment, together with the attached Schedule A, is effective as of October 2, 2015.

WHEREAS, **Hewlett-Packard Development Company, L.P.**, a limited partnership established under the laws of the State of Texas and having a principal place of business at 11445 Compaq Center Drive West, Houston, Texas 77070, U.S .A. (hereinafter referred to as "Assignor"), is the legal title holder of the patents and patent applications identified in the attached Schedule A (collectively referred to as "Assigned Patents and Patent Applications");

WHEREAS, **Hewlett Packard Enterprise Development LP**, a limited partnership established under the laws of the State of Texas and having a principal place of business at 11445 Compaq Center Drive West, Houston, Texas 77070, U.S .A. (hereinafter referred to as "Assignee") desires to acquire Assignor's entire right, title and interest, including the right of priority, in, to and under the Assigned Patents and Patent Applications; and

NOW THEREFORE, for good and valuable consideration, the adequacy of which is hereby acknowledged, Assignor and Assignee agree as follows:

Assignor hereby assigns, transfers, conveys and delivers to Assignee the entirety of Assignor's right, title and interest, including without limitation the right of priority, in, to and under the Assigned Patents and Patent Applications, and any inventions and improvements set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for any of the Assigned Patents and Patent Applications, and any and all patents and patent applications of the United States and of foreign countries thereto that may be granted thereon or therefor, and any reissues, or reexaminations, or extensions thereof and any goodwill of the business symbolized by the Assigned Patents and Patent Applications, and the registration thereof. Assignee shall have the right to sue, counterclaim and recover for past, present, and future

PATENT ASSIGNMENT Hewlett-Packard Development Company, L.P. TO
Hewlett Packard Enterprise Development LP

infringement and collect any royalties to third parties, damages (including past damages), or other income relating to the Assigned Patents and Patent Applications.

In connection with the foregoing, Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to record the transfer of the Assigned Patents to Assignee as assignee of Assignor's right, title and interest therein, and to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their authorized representatives.

**FOR HEWLETT-PACKARD DEVELOPMENT
COMPANY, L.P.**

By: HPQ Holdings, LLC, its General Partner

DocuSigned by:
By: Robert Wasson
Signature 3BF673837B481...

Robert D. Wasson
Name

Chief Patent Counsel
Title

October 27, 2015
Date

**FOR HEWLETT PACKARD
ENTERPRISE DEVELOPMENT LP**

By: Enterprise DC Holdings LLC, its General
Partner

DocuSigned by:
By: Curtis G. Rose
Signature 016629078F4D3...

Curtis G. Rose
Name

Chief Intellectual Property Counsel
Title

October 27, 2015
Date

Schedule A of Patent Assignment

HP Record ID	Status	Patent Number	Filing Date	Grant Date	Application Number	CC	Title
84030970	Application		10/31/2014		PCT/US2014/063517	PCT	END TO END QUALITY OF SERVICE IN STORAGE AREA NETWORKS
84031015	Application		2/20/2015		PCT/US2015/016817	PCT	TOOL-LESS MULTIPOINT LATCHING MECHANISM
84031019	Application		10/31/2014		PCT/US2014/063554	PCT	Group Zoning and Access Control Over a Network
84031047	Application		10/30/2014		PCT/US2014/063146	PCT	A HANDLE FOR A DRAWER
84031059	Application		10/2/2014		PCT/US2014/058767	PCT	Hard Drive Carrier
84031067	Application		11/20/2014		PCT/US2014/066692	PCT	QUERY A HARDWARE COMPONENT FOR AN ANALYSIS RULE
84031079	Application		9/22/2014		PCT/US2014/056776	PCT	TENANT DATA MAPPING FOR MULTIPLE TENANT CLOUD APPLICATIONS
84031099	Application		1/9/2015		PCT/US2015/010833	PCT	OBTAINING A NETWORK ADDRESS BASED ON AN IDENTIFIER
84031162	Application		10/31/2014		PCT/US2014/063281	PCT	INDICATING A PRIVILEGE LEVEL
84031170	Application		2/13/2015		PCT/US2015/015893	PCT	THERMAL BUS BAR
84031190	Application		10/9/2014		PCT/US2014/059882	PCT	A TRANSMITTER THAT DOES NOT RESEND A PACKET DESPITE RECEIPT OF A MESSAGE TO RESEND THE PACKET
84031216	Application		10/24/2014		PCT/US2014/062196	PCT	END-TO-END NEGATIVE ACKNOWLEDGMENT
84031225	Application		11/20/2014		PCT/US2014/066728	PCT	VIRTUAL TARGET PORT AGGREGATION
84031253	Application		11/14/2014		PCT/US2014/065615	PCT	SECURE UPDATE OF FIRMWARE AND SOFTWARE
84031288	Application		1/5/2015		PCT/US2015/010164	PCT	MULTI-TENANT UPGRADING
84031296	Application		12/22/2014		PCT/US2014/071854	PCT	FILE VALUE FILE REPLICATION
84031327	Application		9/25/2014		PCT/US2014/057463	PCT	STORAGE SPACE ALLOCATION
84031339	Application		10/31/2014		PCT/US2014/063521	PCT	ADAPTIVE COOLING ASSEMBLY
84031365	Application		11/24/2014		PCT/US2014/067009	PCT	CHANNEL STATE INFORMATION FEEDBACK PERIOD DETERMINATION BASED ON WIRELESS COMMUNICATION DEVICE MOBILITY STATE
84031373	Application		10/30/2014		PCT/US2014/063175	PCT	PARALLEL BACKUP POWER SUPPLY
84031388	Application		10/30/2014		PCT/US2014/063106	PCT	RESOURCE CONSUMING TASKS SCHEDULER
84031397	Application		10/31/2014		PCT/US2014/063490	PCT	BACKUP POWER SUPPLY CELL IN MEMORY DEVICE
84031433	Application		10/31/2014		PCT/US2014/063548	PCT	BACKUP POWER SUPPLY SUPPORT
84031476	Application		9/25/2014		PCT/US2014/057507	PCT	STORAGE OF A DATA CHUNK WITH A COLLIDING FINGERPRINT
84031480	Application		9/30/2014		PCT/US2014/058174	PCT	METRICS AUTHORIZATION BASED ON A CERTIFICATE
84031488	Application		12/19/2014		PCT/US2014/071587	PCT	AUTOMATIVE SYSTEM MANAGEMENT
84031496	Application		11/4/2014		PCT/US2014/063813	PCT	SMART LOCATION DETERMINATION
84031500	Application		9/24/2014		PCT/US2014/057151	PCT	UTILIZING ERROR CORRECTION (ECC) FOR SECURE SECRET SHARING
84031508	Application		12/16/2014		PCT/US2014/070608	PCT	DISPLAY A SUBSET OF OBJECTS ON A USER INTERFACE
84031516	Application		11/17/2014		PCT/US2014/065948	PCT	Snapshot Backup

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RECORDED: 08/09/2017

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