

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:	15545901
CORRESPONDENCE DATA	
Fax Number:	
<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:	(970) 898-7444
Email:	hpe.ip.mail@hpe.com
Correspondent Name:	HEWLETT PACKARD ENTERPRISE
Address Line 1:	3404 E. HARMONY ROAD MS 79
Address Line 4:	FORT COLLINS, COLORADO 80528
ATTORNEY DOCKET NUMBER:	90468072
NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	09/07/2017
Total Attachments: 3	
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source=90468072_Assignment#page3.tif	

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
84113034	Application		2/17/2015		PCT/US2015/016121	PCT	STORAGE AREA NETWORK SWITCH REBOOT NOTIFICATION
84113056	Application		2/27/2015		PCT/US2015/018000	PCT	SOFTWARE DEFINED NETWORK CONTROLLER FOR IMPLEMENTING TENANT SPECIFIC POLICY
84113065	Application		12/1/2014		PCT/US2014/067879	PCT	STATUSES OF EXIT CRITERIA
84113080	Application		4/7/2015		PCT/US2015/024641	PCT	BUILDING A DATA QUERY VISUALIZATION
84113099	Application		1/29/2015		PCT/US2015/013548	PCT	APPLICATION RECORDING
84113113	Application		1/30/2015		PCT/US2015/013900	PCT	COLLABORATIVE SECURITY LISTS
84113134	Application		1/30/2015		PCT/CN2015/071998	PCT	IDENTIFYING HEARTBEAT MESSAGES
84113140	Application		1/30/2015		PCT/US2015/013762	PCT	STORAGE DRIVE RISER
84113222	Application		5/11/2015		PCT/US2015/030175	PCT	BAFFLE WITH OPTICAL CONNECTOR
84113239	Application		1/30/2015		PCT/US2015/013678	PCT	SYNTHESIZING A GRAPH
84113260	Application		12/5/2014		PCT/CN2014/093088	PCT	MENU DISPLAY CONTROL
84113265	Application		1/23/2015		PCT/US2015/012722	PCT	NON-UNIFORM MEMORY ACCESS AWARE MONITORING
84113311	Application		1/28/2015		PCT/US2015/013250	PCT	PRODUCT PORTFOLIO RATIONALIZATION
84113323	Application		12/22/2014		PCT/US2014/071834	PCT	IDENTIFICATION OF APPLICATION MESSAGE TYPES
84113331	Application		1/30/2015		PCT/US2015/013813	PCT	Virtual Machines and File Services
84113340	Application		4/1/2015		PCT/US2015/023827	PCT	GRAPHS WITH NORMALIZED ACTUAL VALUE MEASUREMENTS AND BASELINE BANDS REPRESENTATIVE OF NORMALIZED MEASUREMENT RANGES
84113348	Application		1/29/2015		PCT/US2015/013451	PCT	Communications Over a Serial Attached Small Computer Interface (SAS)
84113360	Application		3/31/2015		PCT/US2015/023491	PCT	Inferring a Network Topology
84113365	Application		1/29/2015		PCT/US2015/013432	PCT	HARD DISK DRIVE POWER REMOVAL
84113369	Application		1/22/2015		PCT/US2015/012455	PCT	IN-LINE EDITOR INSERTION
84113454	Application		5/1/2015		PCT/US2015/028896	PCT	SECURE MULTI-PARTY INFORMATION RETRIEVAL
84113752	Application		1/30/2015		PCT/US2015/013946	PCT	CUCKOO HASH TABLE
84113806	Application		3/12/2015		PCT/US2015/020192	PCT	MEMORY DEVICE WRITE BASED ON MAPPING
84113815	Application		1/30/2015		PCT/US2015/013958	PCT	ORDERING UPDATES FOR NONVOLATILE MEMORY ACCESSES
84113820	Application		5/15/2015		PCT/US2015/031244	PCT	PRICE, COMPLETION TIME, AND RESOURCE ALLOCATION DETERMINATION FOR CLOUD SERVICES
84113824	Application		1/23/2015		PCT/US2015/012713	PCT	HETEROGENEOUS PLATFORM CONFIGURATIONS
84113841	Application		2/27/2015		PCT/US2015/018178	PCT	MANUFACTURER-SIGNED DIGITAL CERTIFICATE FOR IDENTIFYING A CLIENT SYSTEM
84113909	Application		2/27/2015		PCT/US2015/018053	PCT	ANALYZING HARDWARE SYSTEMS
84113929	Application		5/18/2015		PCT/US2015/031380	PCT	ASSET MANAGEMENT MODULES
84113935	Application		3/6/2015		PCT/US2015/019232	PCT	GRAPH UPDATE FLUSH TO A SHARED MEMORY
84113950	Application		3/6/2015		PCT/US2015/019295	PCT	DYNAMIC API MANAGEMENT
84114010	Application		3/18/2015		PCT/US2015/021283	PCT	SAS EXPANDER

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