

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:	15568280
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	90502268	
NAME OF SUBMITTER:	LAURA M. ZAVALA	
SIGNATURE:	/Laura M. Zavala/	
DATE SIGNED:	10/30/2017	
Total Attachments: 3		
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source=90502268_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
84076316	Application		11/18/2014		PCT/US2014/066233	PCT	FILE CREATION
84107614	Application		1/15/2015		PCT/US2015/011586	PCT	DYNAMICALLY UPDATING METADATA
84141471	Application		1/22/2015		PCT/US2015/012482	PCT	PROVIDING A LOAN OF STORAGE SPACE IN A DATA STORAGE SYSTEM
84172938	Application		3/31/2015		PCT/US2015/023674	PCT	FILE SERVICE OPERATION ON EXTERNAL HOST
84210253	Application		4/15/2015		PCT/US2015/025969	PCT	CONSISTENCY CHECK ON NAMESPACE OF AN ONLINE FILE SYSTEM
84172792	Application		3/4/2015		PCT/US2015/018564	PCT	PERFORMANCE TESTING USING SERVICE CALL EXECUTORS
84172815	Application		4/6/2015		PCT/US2015/024449	PCT	CERTIFICATE GENERATION
83267799	Published		8/29/2013		PCT/US2013/057252	PCT	Queries Involving Multiple Databases and Execution Engines
83267819	Published		5/31/2013		PCT/US2013/043761	PCT	THREE DIMENSIONAL DATA VISUALIZATION
83267825	Published		8/30/2013		PCT/US2013/057612	PCT	Identifying Anomalous Behavior of a Monitored Entity
83584495	Published		12/13/2013		PCT/US2013/075016	PCT	DATA STREAM PROCESSING BASED ON A BOUNDARY PARAMETER
83598066	Published		12/17/2013		PCT/US2013/075651	PCT	ABSTRACTION LAYER BETWEEN A DATABASE QUERY ENGINE AND A DISTRIBUTED FILE SYSTEM
83623479	Application		10/15/2013		PCT/US2013/064934	PCT	ANALYZING A PARALLEL DATA STREAM USING A SLIDING FREQUENT PATTERN TREE
83819929	Application		3/31/2014		PCT/US2014/032396	PCT	CANDIDATE SERVICES FOR AN APPLICATION
83825651	Application		4/30/2014		PCT/US2014/036253	PCT	Parallel Index-based Time Series Similarity Search with In-memory Index Tables on a Multicore Big-Memory Machine
84027743	Application		1/30/2015		PCT/US2015/013952	PCT	COMMON SEARCH DISTANCES IN DATA PARTITIONS
84031241	Application		8/29/2014		PCT/US2014/053333	PCT	SECURE INFORMATION RETRIEVAL BASED ON HASH TRANSFORMS
84034593	Application		10/30/2014		PCT/US2014/063218	PCT	DATA ENTRIES HAVING VALUES FOR FEATURES
84230356	Application		5/28/2015		PCT/US2015/032786	PCT	PROCESSING NETWORK DATA USING A GRAPH DATA STRUCTURE
84260034	Application		8/6/2015		PCT/US2015/043932	PCT	INFLUENCE SPREAD MAXIMIZATION IN SOCIAL NETWORKS
90016889	Application		9/11/2015		PCT/US2015/049668	PCT	GRAPH DATABASE AND RELATIONAL DATABASE MAPPING
90037118	To Be Filed				PCT	PCT	Method for Graph Partitioning
83271715	Application		7/26/2013		PCT/US2013/052337	PCT	DATA VIEW BASED ON CONTEXT
83701850	Published		10/29/2013		PCT/US2013/067219	PCT	VIRTUAL MACHINE INTROSPECTION
84111753	Application		2/27/2015		PCT/US2015/017921	PCT	RECOMMENDING VISUALIZATIONS
84173645	Application		5/18/2015		PCT/EP2015/060913	PCT	Automated entity-resolution methods and systems
84264880	Application		7/31/2015		PCT/EP2015/067657	PCT	MALWARE MODELLING
90035097	Acknowledged				PCT	PCT	Distribution of Gen-Z Transaction Integrity Keys
90037453	To Be Filed				PCT	PCT	Managing structural types in non-volatile memories
83204745	Published		4/30/2013		PCT/US2013/038909	PCT	AD-HOC, FACE-RECOGNITION-DRIVEN CONTENT SHARING
83629264	Published		9/30/2013		PCT/US2013/062569	PCT	DELIVERING AN EMAIL ATTACHMENT AS A SUMMARY