

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
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15570932
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NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	11/07/2017
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.**

**FOR HEWLETT PACKARD
ENTERPRISE DEVELOPMENT LP**

By: HPQ Holdings, LLC, its General Partner

By: Enterprise DC Holdings LLC, its General
Partner

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

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

Robert D. Wasson
Name

Curtis G. Rose
Name

Chief Patent Counsel
Title

Chief Intellectual Property Counsel
Title

October 27, 2015
Date

October 27, 2015
Date

Schedule A of Patent Assignment

HP Record ID	Status	Patent Number	Filing Date	Grant Date	Application Number	CC	Title
83267347	Published		9/5/2013		PCT/US2013/058170	PCT	Memristor Structures
83623353	Application		11/12/2013		PCT/US2013/069528	PCT	NONLINEAR MEMRISTOR DEVICES WITH THREE-LAYER SELECTORS
83623499	Published		10/28/2013		PCT/US2013/067071	PCT	GEOMETRY DEPENDENT VOLTAGE BIASES FOR ASYMMETRIC RESISTIVE MEMORIES
83734748	Published		3/7/2014		PCT/US2014/021598	PCT	MEMRISTOR DEVICES WITH A THERMALLY-INSULATING CLADDING
83763716	Published		41667		PCT/US2014/013360	PCT	DATA AND INSTRUCTION SET ENCRYPTION
83770111	Published		1/31/2014		PCT/US2014/014093	PCT	NEGATIVE DIFFERENTIAL RESISTANCE CIRCUIT ELEMENT
83822694	Application		4/10/2014		PCT/US2014/033583	PCT	1-SELECTOR N-RESISTOR MEMRISTIVE DEVICES
83830563	Application		4/28/2014		PCT/US2014/035745	PCT	MULTIMODAL MEMRISTOR MEMORY
83830583	Application		4/26/2014		PCT/US2014/035585	PCT	SWITCHED MEMRISTOR ANALOG TUNING
83832518	Application		4/26/2014		PCT/US2014/035586	PCT	SWITCHED MEMRISTOR ANALOG-TO-DIGITAL CONVERSION
83958486	Application		41851		PCT/US2014/049298	PCT	3D RESISTIVE MEMORY
84033173	Application		41941		PCT/US2014/062977	PCT	MEMRISTIVE DOT PRODUCT ENGINE FOR VECTOR PROCESSING
84111484	Application		2/11/2015		PCT/US2015/015393	PCT	NONVOLATILE MEMORY CROSSBAR ARRAY
84111653	Application		1/26/2015		PCT/US2015/012909	PCT	RESISTIVE MEMORY ARRAYS WITH A NEGATIVE TEMPERATURE COEFFICIENT OF RESISTANCE MATERIAL
84111716	Application		1/28/2015		PCT/US2015/013214	PCT	SELECTOR RELAXATION TIME REDUCTION
84169649	Application		4/23/2015		PCT/US2015/027284	PCT	RESISTIVE ELEMENTS TO OPERATE AS A MATRIX OF PROBABILITIES
84262736	Application		8/31/2015		PCT/US2015/047726	PCT	MATERIAL STACKS FOR LOW CURRENT UNIPOLAR MEMRISTORS
84264694	Application		8/7/2015		PCT/US2015/044246	PCT	CROSSBAR ARRAYS FOR CALCULATING MATRIX MULTIPLICATION
84270788	Application		8/20/2015		PCT/US2015/046112	PCT	SUPPLY CLAMP CIRCUITS WITH MEMRISTORS
83199564	Published		4/12/2013		PCT/US2013/036502	PCT	DISTANCE DETERMINATION OF A MOBILE DEVICE
83206033	Published		4/30/2013		PCT/US2013/038717	PCT	GOVERNING BARE METAL GUESTS
83221562	Published		4/12/2013		PCT/US2013/036498	PCT	DETERMINING AN ANGLE OF DIRECT PATH OF A SIGNAL
83267327	Published		8/14/2013		PCT/US2013/055016	PCT	TRANSMIT ANTENNA SELECTION
83267341	Published		7/31/2013		PCT/US2013/052969	PCT	DETERMINING THE POSITION OF A MOBILE DEVICE WITHIN A STRUCTURE
83733772	Application		1/31/2014		PCT/US2014/014268	PCT	LOCALIZATION USING ACCESS POINT
83957988	Application		7/30/2014		PCT/US2014/048862	PCT	Mobility-aware frame aggregation for wireless networks
83983664	Application		7/30/2014		PCT/US2014/048959	PCT	NETWORK RESOURCE ALLOCATION PROPOSALS
84033462	Application		11/6/2014		PCT/US2014/064394	PCT	NETWORK POLICY GRAPHS
84111796	Application		5/15/2015		PCT/US2015/031110	PCT	CORRECTING TIME-OF-FLIGHT MEASUREMENTS

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RECORDED: 11/07/2017

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