504621541 11/01/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT4668258

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:	15569326

CORRESPONDENCE DATA

Fax Number:

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.

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:	90489143
NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	11/01/2017

Total Attachments: 3

source=90489143_Assignment#page1.tif source=90489143_Assignment#page2.tif source=90489143_Assignment#page3.tif

PATENT 504621541 REEL: 044003 FRAME: 0260

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

Page 1 of 2

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: Robert Wasson Signature: 63857638378481	By: Enterprise DC Holdings LLC, its General Partner By: Little Golden By: By: Little Golden By: Signatuse Cole629078F4D3
Robert D. Wasson Name	Curtis G. Rose Name
Chief Patent Counsel Title	Chief Intellectual Property Counsel Title
October 27, 2015_	October 27, 2015
Date	Date

ocuSign Envelope ID: 6AFD1E57-BC79-4961-A76D-3887F0FAA04:	Schedule A of Patent Assignment
മ	

RECORDED: 11/01/2017

HP Record ID Status	Patent Number Filing Date		Grant Date	Application Number CC		Title
84262963 Application		7/30/2015		PCT/US2015/042890 PCT	CT	Transceiver Module
84262972 Application		7/31/2015		PCT/US2015/043189 PCT		Multi-Chip Module
84262989 Application		7/2/2015		PCT/US2015/039128 PCT		DIGITAL VOLTAGE SAMPLING
84262997 Application		6/26/2015		PCT/US2015/037958 PCT		DETERMINING AN ALTERNATING CURRENT (AC) CHARACTERISTIC FROM A WAVEFORM
84263012 Application		42202		PCT/US2015/040880 PCT	CT	CURRENT RESTRICTION
84263021 Application		8/24/2015		PCT/US2015/046614 PCT	CT	POWER DELIVERY MONITOR AND CONTROL WITH AN UNINTERRUPTIBLE POWER SUPPLY
84263029 Application		9/18/2015		PCT/US2015/051006 PCT	CT	Printed Circuit Board
84263038 Application		42229		PCT/US2015/045085 PCT	CT	DEVICE OPERATING STATE MODIFICATION WITH
						UNINTERRUPTIBLE POWER SOURCE
84263052 Application		6/19/2015		PCT/US2015/036665 PCT	L)	FIRST SOCKET NESTED IN A SECOND SOCKET
84263060 Acknowledged	pas			Ь	PCT	FAN CONNECTOR HOUSING
84263098 Application		7/31/2015		PCT/US2015/043268	CT	Discovering and Publishing API Information
84263106 Application		8/5/2015		PCT/US2015/043716 PCT	CT	VERIFICATION OF A DEVICE IDENTIFIER OF A MOBILE DEVICE
84263598 Application		7/31/2015		PCT/US2015/043185 PCT	CT	Cloud Provisioning for Networks
84263602 Application		7/10/2015		PCT/US2015/039982 PCT		HYBRID CLOUD MANAGEMENT
84263678 To Be Filed				Ь	PCT	A Method to Support Baby Giant Frames in SDN Networks
84264042 Application		5/29/2015		PCT/US2015/033124 PCT	CT	DETERMINING ACTIONS TO BE IMMEDIATELY PERFORMED
						ON A NETWORK PACKET WITH AN APPLICATION SPECIFIC INTEGRATED CIRCUIT
84264054 Application		6/12/2015		PCT/US2015/035509 PCT	۲	APPLICATION IDENTIFICATION CACHE
84264062 Application		7/31/2015		PCT/US2015/043242 PCT		Data Copy to Non-Volatile Memory
84264099 Application				PCT/US2015/040941 PCT		GENERATING A HASH TABLE IN ACCORDANCE WITH A PREFIX
						LENGTH
84264103 Application		7/28/2015		PCT/US2015/042447 PCT	CT	HASH VALIDATION KEY
84264111 Application		9/4/2015		PCT/US2015/048567 PCT		DATA TABLES IN CONTENT ADDRESSABLE MEMORY
84264123 To Be Filed				Δ.	РСТ	OPEN SHORTEST PATH FIRST ROUTING FOR HYBRID NETWORKS
84264131 To Be Filed				d	PCT	DYNAMIC ALLOCATION OF RESOURCES WITHIN NETWORK
84264139 Application		7/22/2015		PCT/US2015/041546 PCT	ر ر	PROVIDING A COMPOSITE NETWORK POLICY
84264143 To Be Filed				4	PCT	Real-time Verification of High Level Policies in SDN Networks
84264600 Instructed					PCT	Memristor sensing circuits utilizing reference cells for improved performance
84264626 Application		42184		PCT/US2015/038258 PCT	l.	FAILURE OF NETWORK DEVICES IN CLOUD MANAGED NETWORKS

PATENT REEL: 044003 FRAME: 0263