06/12/2018 504954717

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5001464

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANCHAN WU	09/26/2014

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15514397

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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: (541)715-8443 Email: ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER: 84612294		
NAME OF SUBMITTER: ALBA ESCOBAR		
SIGNATURE:	/Alba Escobar/	
DATE SIGNED:	06/12/2018	

Total Attachments: 1

source=Assignment-shanchan#page1.tif

PATENT REEL: 046049 FRAME: 0943 504954717

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorade 80528

DATES 1	D 250 250 1	IN ATTICL	
DATENT		10 44 116 21	w

RECORD ID:	7002189889	

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged. and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its

subsidiaries and affiliates	, agree to assign and trans	fer and hereby assign and transfer to HPDC, its successors and the right of priority, in, to and under an application for Pater
READING PROGRESS I	NDICATOR	
Filing Date:		Application No.:
divisionals, and renewals	of and substitutes for said	rein, and any and all continuations, continuations-in-part (C-I-P's application for said Patent, and any and all other Patent of an erefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, Patent respectively may be	assigns, nominees or legal	ns in my/our name for Patent in any country, to be held and enjoye representatives, to the full end of the term or terms for which sai nded, as fully and entirely as the same would have been held an t been made;
executed and will not executed a request is made, are perfect the title to said invitoring nominees or legal represe said invention(s) or improvement, to execute all disrightful oaths and declara and legal representatives improvement(s) in any a cooperation and assistance. AND I/we hereby autapplications as aforesaid,	sute any agreement in conflind without undue delay, executention(s) or improvement(s), intatives, and liwe agree to evement(s), said application stockimers and divisionals, or tions, and generally to do et to obtain and enforce, for its and all countries provided to are paid by HPDC; thorize and request the officito issue to HPDC, as assignent(s) which may be issue	to convey the entire interest herein assigned, and that siwe have not herewith, and live further covenant and agree that lives will, each ute and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPDC, its successors, assigns communicate to HPDC, or to its nominee, all known facts respecting not said Patent, to testify in any legal proceedings, to sign all lawfunctions, C-i-P's, release and foreign applications, to make a verything possible to aid HPDC, its successors, assigns, nominee or their own benefit, proper patent protection for said invention(s) the expenses which may be incurred by me/us in lending such all of any country or countries whose duty it is to issue patents of the entire right, title and interest, any and all Patent for said and granted on or as a result of the application aforesaid, if
		of record to insert the filing date and application number of sai and title set forth above, as soon as the same shall have been mad
IN WITNESS WHERE	OF, I/we hereunto set my	our hand(s) and seal(s):
Amh	nVu	9/26/2014
Inventor's Signature		Date
Shanchan	Wu	
First/Middle Name	Last Name	
Inventor's Signature		Oate
First/Middle Name	Last Name	

Page 1 of 1

PATENT REEL: 046049 FRAME: 0944

Rev 8/2014 (Assignment)