# 504605053 10/20/2017

EPAS ID: PAT4651765

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRENT BUCHANAN	06/04/2015
NING GE	06/04/2015
RICHARD JAMES AULETTA	06/04/2015

## **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:	15568458	

## **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.

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Correspondent Name: HEWLETT PACKARD ENTERPRISE 3404 E. HARMONY ROAD MS 79
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ATTORNEY DOCKET NUMBER:	90489222
NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	10/20/2017

**Total Attachments: 2** 

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PATENT 504605053 REEL: 043918 FRAME: 0205

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

Nev 8/2014 (Assignment)

#### PATENT APPLICATION

RECORD ID:	84169827
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## **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 affili	ates, agree to assign and transfe	usiness in Houston, Texas, (nereinaliter HPDC), and ir and hereby assign and transfer to HPDC, its successo the right of priority, in, to and under an application for	ırs and
READ CIRCUITRY F	OR ELECTROSTATIC DISCHA	RGE SWITCHING MEMRISTIVE ELEMENT	
Filing Date:		Application No.:	
divisionals, and renev	wals of and substitutes for said a	sin, and any and all continuations, continuations-in-part (C application for said Patent, and any and all other Patent efore; and any reissues, or reexaminations, or extensions	of any
by HPDC, its success Patent respectively m	iors, assigns, nominees or legal re	in my/our name for Patent in any country, to be held and sepresentatives, to the full end of the term or terms for whited, as fully and entirely as the same would have been he seen made;	ch said
executed and will not time a request is mad perfect the title to sak nominees or legal rep said invention(s) or in papers, to execute a rightful paths and dec and legal representall improvement(s) in an cooperation and assis AND I/we hereby	execute any agreement in conflict e, and without undue detay, execut i invention(s) or improvement(s), so resentatives, and live agree to comprovement(s), said application and it disclaimers and divisionals, con islamations, and generally to do eve wes to obtain and enforce, for its or my and all countries provided the tance are paid by HPDC; authorize and request the official	convey the entire interest herein assigned, and that I/we his herewith, and I/we further covenant and agree that I/we will be and deliver all such papers as may be necessary or desiral application and said Patent, to HPDC, its successors, a minunicate to HPDC, or to its nominee, all known facts resid said Patent, to testify in any legal proceedings, to sign all tinuations, C-I-P's, reissue and foreign applications, to mything possible to aid HPDC, its successors, assigns, nor their own benefit, proper patent protection for said inventices expenses which may be incurred by merus in lending to fany country or countries whose duty it is to issue paters of the active right title and inherest, any and all Patent is the active right.	il, each rable to rable to rasigns, pecting il lawful rake ali minees on(s) or g such ents on
invention(s) or impro		ee of the entire right, title and interest, any and all Patent to and granted on or as a result of the application afores	
		record to insert the filing date and application number ad title set forth above, as soon as the same shall have been	
MWITNESS WI	IEREOF, I/vye)hereunto set my/o	our hand(s) and seal(s):	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Brent	Buchanan		
First/Middle Name	Last Rame	June 4,2015	
inventor's Signature		Date	******
Ning	Ge		
First/Middle Name	Last Name		

Page 1 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road

## PATENT APPLICATION

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	J Assignment of Pa	ATENT APPLICATION (cont	
Ludard Signature	faleth	Kin Dage	) <u>4 2015                                    </u>
Richard James	Auletta		
First/Middle Name	Last Name		
Inventor's Signature		Date	·····
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**RECORDED: 10/20/2017** 

Rev 8/2014 (Assignment)

PATENT REEL: 043918 FRAME: 0207