502804401 05/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2850997

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GILBERTO M RIBEIRO	12/01/2011
MATTHEW D PICKETT	10/28/2011

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:	14345594

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 via

US Mail.

Phone: 5417158443
Email: ipa.mail@hp.com

Correspondent Name: HEWLETT-PACKARD COMPANY Address Line 1: 3404 E. HARMONY ROAD, M/S 35

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	83862120	
NAME OF SUBMITTER:	DENISE HENNING-WILSON	
SIGNATURE:	/Denise Henning-Wilson/	
DATE SIGNED:	05/12/2014	

Total Attachments: 2

source=82753677-A#page1.tif source=82753677-A#page2.tif

PATENT 502804401 REEL: 032868 FRAME: 0725

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 82753677

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKAR DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Housto Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire rigidite and interest, including the right of priority, in, to and under an application for Letters Patent of the United State entitled:		
METAL-INSULATOR PHASE TRANSITION FLIP-FLOP		
Filing Date:	Application No.;	
and the invention(s) and improvement(s) set forth therein, ar P's), divisionals, and renewals of and substitutes for said application of the United States and of countries foreign thereto reissues, or reexaminations, or extensions of said Letters Pater I/we additionally authorize HPDC to file applications held and enjoyed by HPDC, its successors, assigns, nomined terms for which said Letters Patent respectively may be grant same would have been held and enjoyed by me/us had this at AND I/we hereby covenant that I/we have full right to the weak not executed and will not execute any agreement in that I/we will, each time a request is made, and without undustrecessary or desirable to perfect the title to said invention(s) Patent, to HPDC, its successors, assigns, nominees or legication, to HPDC, or to its nominee, all known facts respecting said involutions. C-I-P's, reissue and foreign applications, to make everything possible to aid HPDC, its successors, assigns snorce, for its or their own benefit, proper patent protection countries provided the expenses which may be incurred by a paid by HPDC; AND I/we hereby authorize and request the Commission and any official of any country or countries foreign to the applications as aforesaid, to issue to HPDC, as assignee of Patent for said invention(s) or improvement(s), including any the issued and granted on or as a result of the application afon	and any and all continuations, continuations-in-part (C-)- collication for said Letters Patent, and any and all Letters which may be granted thereon or therefore; and any ent. In my/our name for Letters Patent in any country, to be so or legal representatives, to the full end of the term or nted, reissued or extended, as fully and entirely as the assignment, and transfer not been made; convey the entire interest herein assigned, and that in conflict herewith, and l/we further covenant and agree a delay, execute and deliver all such papers as may be of or improvement(s), said application and said Letters all representatives, and l/we agree to communicate to cention(s) or improvement(s), said application and said awful papers, to execute all disclaimers and divisionals, aske all rightful oaths and declarations, and generally to as, nominees and legal representatives to obtain and for said invention(s) or improvement(s) in any and all me/us in lending such cooperation and assistance are sioner of Patents and Trademarks of the United States United States whose duty it is to issue patents on the entire right, title and interest, any and all Letters and all Letters Patent of the United States which may assaid, in accordance with the terms of this assignment	
I/we further authorize and direct the attorneys of re application now identified by the attorney docket number and been made known to them by the United States Patent and Tr	cord to insert the serial number and filing date of said I title set forth above as soon as the same shall have ademark Office	
1.4.10	addition of the	
2/1/11\	<u>(2/61/2011</u>	
Investigit's Signature	Date Assignment Signed	
Gilderto M. Ribeiro	12/01/2011	
Inventor's Typed Name	Date Application Signed	
rozentor's Signature	Date Assignment Signed	
Vatthew D. Pickell		
nventor's Typed Name	Date Application Signed	
Rest 1000 (Assiromant)	· •	

Page 1 of 1

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 82753677

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its

subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled: METAL-INSULATOR PHASE TRANSITION FLIP-FLOP		
and the invention(s) and improvement(s) set forth therein, and an P's), divisionals, and renewals of and substitutes for said application. Patent of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my held and enjoyed by HPDC, its successors, assigns, nominees or terms for which said Letters Patent respectively may be granted, same would have been held and enjoyed by me/us had this assign AND I/we hereby covenant that I/we have full right to convent have not executed and will not execute any agreement in continuat I/we will, each time a request is made, and without undue definecessary or desirable to perfect the title to said invention(s) or Patent, to HPDC, its successors, assigns, nominees or legal repetitors, to its nominee, all known facts respecting said invention. Letters Patent, to testify in any legal proceedings, to sign all lawful continuations, C-I-P's, reissue and foreign applications, to make a do everything possible to aid HPDC, its successors, assigns, nenforce, for its or their own benefit, proper patent protection for scountries provided the expenses which may be incurred by me/u paid by HPDC; AND I/we hereby authorize and request the Commissions and any official of any country or countries foreign to the Unit applications as aforesaid, to issue to HPDC, as assignee of the Patent for said invention(s) or improvement(s), including any and be issued and granted on or as a result of the application aforesaid. I/we further authorize and direct the attorneys of record application now identified by the attorney docket number and title been made known to them by the United States Patent and Trader	ry and all continuations, continuations-in-part (C-i- on for said Letters Patent, and any and all Letters on may be granted thereon or therefore; and any y/our name for Letters Patent in any country, to be legal representatives, to the full end of the term or reissued or extended, as fully and entirely as the iment, and transfer not been made; revey the entire interest herein assigned, and that la flict herewith, and i/we further covenant and agree ay, execute and deliver all such papers as may be improvement(s), said application and said Letters on(s) or improvement(s), said application and said papers, to execute all disclaimers and divisionals, all rightful oaths and declarations, and generally to ominees and legal representatives to obtain and as in lending such cooperation and assistance are er of Patents and Trademarks of the United States ted States whose duty it is to issue patents or entire right, title and interest, any and all Letters all Letters Patent of the United States which may d, in accordance with the terms of this assignment, to insert the serial number and filing date of said as set forth above as soon as the same shall have	
Inventor's Signature	Date Assignment Signed	
Gilberto M. Ribeiro Inventor's Typed Name	Date Application Signed	
Inventor's Signature Matthew D. Pickett Inventor's Typed Name	Date Assignment Signed 10/28/2011 Date Application Signed	
Rev 10/09 (Assignment) Page 1 of 1	•	

Page 1 of 1

PATENT

REEL: 032868 FRAME: 0727