504170136 01/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4216814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN FOLTIN	10/29/2014
YOOCHARN JEON	10/30/2014
BRENT BUCHANAN	10/30/2014
ERIK ORDENTLICH	10/29/2014
NAVEEN MURALIMANOHAR	10/30/2014
JAMES S. IGNOWSKI	10/30/2014
JACQUELYN M. INGEMI	10/30/2014

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:	15325040

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

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Correspondent Name: HEWLETT PACKARD ENTERPRISE
Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90323346
NAME OF SUBMITTER:	JOANNA KEYT
SIGNATURE:	/Joanna Keyt/
DATE SIGNED:	01/09/2017

PATENT 504170136 REEL: 040906 FRAME: 0833

Total Attachments: 12 source=90323346_Assignment#page1.tif source=90323346_Assignment#page2.tif source=90323346_Assignment#page3.tif source=90323346_Assignment#page5.tif source=90323346_Assignment#page5.tif source=90323346_Assignment#page6.tif source=90323346_Assignment#page7.tif source=90323346_Assignment#page8.tif source=90323346_Assignment#page9.tif source=90323346_Assignment#page10.tif source=90323346_Assignment#page11.tif source=90323346_Assignment#page12.tif

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

SENSING CIRCUIT FOR RESISTIVE MEMORY

RECORD ID:	84033033

PATENT APPLICATION

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 transfer and 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 Patent entitled:

Filing Date:

Application No.:

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said

I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND live hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any end all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHERI	EOF, I/we hereunto se	et my/our hand(s) and	seal(s):	ł	1	
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Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID:	84033033
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Inventor's Signature		Date	
Brent	Buchanan		
First/Middle Name	Last Name		
Inventor's Signature		Date	
Erik	Ordentlich		
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Naveen	Muralimanohar		
First/Middle Name	Last Name		
Maria	Lance and the		
Jim First/Middle Name	Ignowski Last Name		
Inventor's Signature		Date	
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IN WITNESS WHEREOF, I/	we hereunto set my/our	hand(s) and seal(s):	
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Page 1 of 2

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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 affiliates, agree to assign and transfer and hereby assign and transfer to HPDC its successors and

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IN WITNESS WHER	EOF, I/we hereunto set r	my/our hand(s) an	d seal(s):
Inventor's Signature			Date
Martin	Foltin		
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Rev 8/2014 (Assignment)		Page 1 of 2	

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

Rev 8/2014 (Assignment)

PATENT APPLICATION

Fort Collins, Colorado 80	528	RECORD ID:	84033033
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Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

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Inventor's Signature			Date	
Martin	Foltin			
First/Middle Name	Last Name			
Inventor's Signature			Date	
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Rev 8/2014 (Assignment)		Page 1 of 2		

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

PATENT APPLICATION

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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 affiliates, agree to assign and transfer and hereby assign and transfer to HPDC, its successors and

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IN WITNESS WHERI	EOF, I/we hereunto set my	/our hand(s) and seal(s):
Inventor's Signature		Date
Martin	Foltin	
First/Middle Name	Last Name	
Inventor's Signature		Date
Yoocharn	Jeon	
First/Middle Name	Last Name	
Rev 8/2014 (Assignment)		Page 1 of 2

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

PATENT APPLICATION

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Inventor's Signature	Michael P. M. Horsenbury - 1780 and Anniel Michael Annie Annie - Verbougs and Heise Annie Annie - Annie - Annie	Date	
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Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

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Rev 8/2014 (Assignment) Page 1 of 2

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Last Name

Yoocharn

First/Middle Name

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

PATENT APPLICATION

RECORD ID:	84033033
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ASSIGNMENT OF PATENT APPLICATION (cont.)

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Rev 8/2014 (Assignment)