503943716 08/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3990371

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EMMANUELLE MERCED GRAFALS	07/28/2016
JOHN PAUL STRACHAN	07/28/2016
NORAICA DAVILA	07/28/2016

RECEIVING PARTY DATA

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Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15217739

CORRESPONDENCE DATA

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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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Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90228933
NAME OF SUBMITTER:	JOANNA KEYT
SIGNATURE:	/JOANNA KEYT/
DATE SIGNED:	08/03/2016

Total Attachments: 4

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PATENT 503943716 REEL: 039327 FRAME: 0828

Howlett Packard Enterprise 3404 E. Harmony Road Mail Stop 78 Fort Collins, Colorado 80528

PATENT APPLICATION

Marie Marie No.	90228933
RECORD ID:	<u> </u>

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 Enterprise Development LP, a Texas Limited Partnership having its

principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled: MEMRISTOR ACCESS TRANSISTOR GATE VOLTAGE Filling 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 Patent. I/we additionally authorize HPED to file applications in my/our name for Patent in any country, to be held and enjoyed by HPED, its successors, assigns, nominees or legal representatives, to the full and 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 HPED, its successors, assigns, nominees or legal representatives, and live agree to communicate to HPED, 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 caths and declarations, and generally to do everything possible to aid HPED, 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 jending such cooperation and assistance are paid by HPED; 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 HPED, as assignee of the entire right, title and interest, any and 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 data 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 WHEREOF, I/we hereunto set my/our hand(s) and seal(s): <u>07/28/20/2</u> Inventor's Signature Emmanuelle Merced Grafals First/Middle Name Last Name Inventor's Signature Date John Paul Strachan First/Middle Name Last Name Rev 08/15

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PATENT REEL: 039327 FRAME: 0829 Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

PATENT APPLICATION

Fort Collins, Colorado 80528	ŧ	RECORD ID:	90228933
	ASSIGNMENT OF PATENT API	PLICATION (con	E)
Inventor's Signature		Date	
Noraica	Davila		
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	East Name	·····:	
inventor's Signature		Date	
First/Widdie Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name	············	

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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 mylour obligations to Hewlett Packard Enterprise Development LP, a Texas Limited Pannership having its principal place of business in Houston, Texas, (thereinalter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, 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 improvemen divisionals, and renewals of and sub	(s) set forth therein, and any and all continuations, continuations-in-part (C-i-Ps) attutes for said application for said Patent, and any and all other Patent of an difference or therefore; and any reissues, or reexaminations, or extensions of said

by HPED, 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 melus 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 Palent, to HPED, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPED, 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 lewful 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 HPED, 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 HPED.

AND two 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 HPED, as assignee of the entire right, title and interest, any and 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 WHEREOF, I'we hereunto set my/our hand(s) and seal(s):

Inventor's Signature		Date
Emmanuelle	Merced Grafals	
First/Middle Name	Last Name	
WSt		7/20/16
Inventor stagnature		Date
John Paul	Strachan	
First/Middle Name	Last Name	
Rev 05/15	Page 1 of 2	

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79

PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID:	90228933
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Inventor's Signature		Date 7/ C	3/2016
Noraica	Davila		•
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	East Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
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Rev Barts	Page 2 of	2	

PATENT REEL: 039327 FRAME: 0832

RECORDED: 08/03/2016