503887250 06/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3933899

SUBMISSION TYPE:		NEW ASSIGNME	NEW ASSIGNMENT		
IATURE OF CONVEYAN	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name			Execution Date
EMMANUELLE J. MERC	ED GRA	ALS			06/23/2016
NORAICA DAVILA MELI	ENDEZ				06/23/2016
JOHN PAUL STRACHAN	١				06/23/2016
RECEIVING PARTY DA	ТА				
Name:	Hewlett	Packard Enterprise De	velopment LP		
Street Address:	11445 C	ompaq Center Drive W	Vest		
City:	Houston				
State/Country:	TEXAS				
Postal Code:	77070				
PROPERTY NUMBERS Property Type		Number		7	
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided; (h H 3 F	5191669 the e-mail address fir if that is unsuccessf 970) 898-7444 pe.ip.mail@hpe.com EWLETT PACKARD B 404 E. HARMONY RC ORT COLLINS, COLC 90163306	<i>st; if that is un</i> <i>ful, it will be se</i> NTERPRISE OAD MS 79 ORADO 80528		
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PATENT APPLICATION

RECORD ID: 90163306

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:

MEMRISTIVE COMPUTATION OF A VECTOR CROSS PRODUCT

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 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 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 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 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 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 I/we 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):

Merced Grafals

Last Name

inventor's Standature

_____06/23/2016_ Date

Emmanuelle J. First/Middle Name

Rev 06/15

Inventor's Signature		Date
Noraica	Davila	
First/Middle Name	Last Name	

Page 1 of 2

PATENT APPLICATION

RECORD ID: ______90163306

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature			Date
John Paul	Strachan		
First/Middle Name	Last Name		_
Inventor's Signature			Date
First/Middle Name	Last Name		_
Inventor's Signature			Date
First/Middle Name	Last Name		_
Inventor's Signature			Date
First/Middle Name	Last Name		_
Inventor's Signature			Date
First/Middle Name	Last Name		_
Inventor's Signature			Date
First/Middle Name	Last Name		_
Rev 06/15		Page 2 of 2	

Hewlett Packard Enterprise		PATENT APPLICATION
3404 E. Harmony Road		
Mail Stop 79		***
Fort Collins, Colorado 80528	RECORD ID:	90163306

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AND t/we hereby covenant that t/we have full right to convey the entire interest herein assigned, and that t/we have not executed and will not execute any agreement in conflict herewith, and t/we further covenant and agree that t/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 t/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 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 generality 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;

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Inventor's Signature		Date
Emmanuelle J.	Merced Grafals	
First/Middle Name	Last Name	
Inventor's Signature	<u>iener sereg</u>	<u>Date</u> <u>5/_2_0/_6</u>
Noraica	Davila Melendez	
First/Middle Name	Last Name	

Page 1 of 2

PATENT APPLICATION

RECORD ID: ______90163306

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature			Date	
John Paul	Strachan			
First/Middle Name	Last Name		-	
Inventor's Signature			Date	
First/Middle Name	Last Name		-	
Inventor's Signature			Date	
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Inventor's Signature			Date	
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Inventor's Signature			Date	
First/Middle Name	Last Name		-	
Rev 06/15		Page 2 of 2		

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Inventor's Signature			Date	
Emmanuelle J.	Merced Grafals			
First/Middle Name	Last Name		_	
Inventor's Signature			Date	
Noraica	Davila			
First/Middle Name	Last Name			
Rev 06/15		Page 1 of 2		

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Fort Collins, Colorado 8052	8	RECORD ID:	90163306
	ASSIGNMENT OF PA	TENT APPLICATION (con	t.)
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Inventor's Signature		Date	
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