PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4027676

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEREK SCHUMACHER	03/27/2013
SYLVIA K MYER	03/27/2013
RUSS W HERRELL	03/27/2013

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:	14781014

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 Address Line 1: 3404 E. HARMONY ROAD MS 79 Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90049391
NAME OF SUBMITTER:	BE HENRY
SIGNATURE:	/Be Henry/
DATE SIGNED:	08/29/2016

Total Attachments: 6

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PATENT REEL: 039564 FRAME: 0080 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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RECORD ID:	83139198
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD

Texas, (hereinal assigns, the entitled:	T COMPANY, L.P., a Texas Limited I fter HPDC), and to its subsidiaries and tire right, title and interest, including t ORY OF COMPUTE AND EXPANSION BL	l affiliates, to assign and tra he right of priority, in, to a	ansfer to HPDC, its successors and and under an application for Patent
Filing Date:	September 28, 2015	Application No.:	14/781014
divisionals, and	n(s) and improvement(s) set forth there renewals of and substitutes for said a which may be granted thereon or there	pplication for said Patent, a	and any and all other Patent of any
by HPDC, its su- Patent respective	nally authorize HPDC to file applications coessors, assigns, nominees or legal really may be granted, reissued or extend shad this assignment, and transfer not be	presentatives, to the full en ed, as fully and entirely as	d of the term or terms for which said
executed and will time a request is perfect the title to nominees or legs said invention(s) papers, to execu- rightful oaths and and legal represe improvement(s)	ereby covenant that I/we have full right to il not execute any agreement in conflict made, and without undue delay, execut o said invention(s) or improvement(s), said al representatives, and I/we agree to cor or improvement(s), said application and the all disclaimers and divisionals, conf dideclarations, and generally to do ever entatives to obtain and enforce, for its or in any and all countries provided the assistance are paid by HPDC;	herewith, and I/we further or e and deliver all such papers sid application and said Pate nmunicate to HPDC, or to it i said Patent, to testify in an inuations, C-I-P's, reissue sything possible to aid HPD their own benefit, proper pa	ovenant and agree that I/we will, each is as may be necessary or desirable to ent, to HPDC, its successors, assigns, is nominee, all known facts respecting by legal proceedings, to sign all lawful and foreign applications, to make all C, its successors, assigns, nominees itent protection for said invention(s) or
applications as a invention(s) or in	ereby authorize and request the official foresaid, to issue to HPDC, as assigne mprovement(s) which may be issued the terms of this assignment.	e of the entire right, title and	d interest, any and all Patent for said
	authorize and direct the attorneys of atent, now identified by the Record ID an		
IN WITNES	S WHEREOF, I/we hereunto set my/o	ur hand(s) and seal(s):	
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Page 1 of 2

Rev 1/ 2013 (Assignment)

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

Rev 1/ 2013 (Assignment)

PATENT APPLICATION

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ASSIGNMENT OF P	PATENT APPLICATION (cont.)
Inventor's Signature	Date:
Russ W Herrell	
Inventor's Typed Name	
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Rev 1/2013 (Assignment)

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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the

Texas. (hereinafter HPDC), and to its subsidiaries and affiliat assigns, the entire right, title and interest, including the right entitled: MAKING MEMORY OF COMPUTE AND EXPANSION BLADE D	ship having its principal es, to assign and transfe it of priority, in, to and u	place of business in Houston, er to HPDC, its successors and under an application for Patent
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Filing Date: September 28, 2015	Application No.:	14/781014
and the invention(s) and improvement(s) set forth therein, and divisionals, and renewals of and substitutes for said application countries thereto which may be granted thereon or therefore; a Patent.	on for said Patent, and	any and all other Patent of any
I/we additionally authorize HPDC to file applications in my/c by HPDC, its successors, assigns, nominees or legal represent Patent respectively may be granted, reissued or extended, as enjoyed by me/us had this assignment, and transfer not been materials.	tatives, to the full end of fully and entirely as the s	the term or terms for which said
AND I/we hereby covenant that I/we have full right to converge executed and will not execute any agreement in conflict herewit time a request is made, and without undue delay, execute and operfect the title to said invention(s) or improvement(s), said approximates or legal representatives, and I/we agree to communic said invention(s) or improvement(s), said application and said Expapers, to execute all disclaimers and divisionals, continuation rightful oaths and declarations, and generally to do everything and legal representatives to obtain and enforce, for its or their of improvement(s) in any and all countries provided the experiooperation and assistance are paid by HPDC;	h, and I/we further covena- leliver all such papers as a lication and said Patent, to ate to HPDC, or to its non- latent, to testify in any leg- ns, C-I-P's, reissue and possible to aid HPDC, its wn benefit, proper patent	ant and agree that I/we will, each may be necessary or desirable to o HPDC, its successors, assigns, minee, all known facts respecting gal proceedings, to sign all lawful foreign applications, to make all a successors, assigns, nominees protection for said invention(s) or
AND I/we hereby authorize and request the official of any applications as aforesaid, to issue to HPDC, as assignee of the invention(s) or improvement(s) which may be issued and graccordance with the terms of this assignment.	e entire right, title and inte	erest, any and all Patent for said
I/we further authorize and direct the attorneys of record application for Patent, now identified by the Record ID and title sknown to them.		
IN WITNESS WHEREOF, I/we hereunto set my/our han	d(s) and seal(s):	
Inventor's Signature	Date	·
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID:	83139198
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Rev 1/ 2013 (Assignment)

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

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RECORD ID:	83139196	

Fort Collins, Colorado 80528 ASSIGNMENT OF PATENT APPLICATION I/We, the undersigned (each) have agreed and hereby agree, that 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, to 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: MAKING MEMORY OF COMPUTE AND EXPANSION BLADE DEVICES AVAILABLE FOR USE BY AN OPERATING SYSTEM September 28, 2015 14/781014 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 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 t/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 caths 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 tending such cooperation and assistance are paid by HPDC; applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said 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

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in

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 Derek Schumacher Inventor's Typed Name Date Inventor's Signature Sylvia K Myer Inventor's Typed Name Rev 1/2013 (Assignment) Page 1 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 83139198
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