07/22/2018 505014575

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5061323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUSTIN HAANBYULL PARK	07/30/2015
THIERRY FEVRIER	07/30/2015
DAVID F HEINRICH	07/30/2015
DAVID W ENGLER	07/30/2015

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:	15748645

CORRESPONDENCE DATA

Fax Number: (970)812-0441

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.

(970) 898-7444 Phone:

Email: hpe.ip.mail@hpe.com

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

ATTORNEY DOCKET NUMBER:	90535597
NAME OF SUBMITTER:	BE HENRY
SIGNATURE:	/Be Henry/
DATE SIGNED:	07/22/2018

Total Attachments: 8

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> **PATENT REEL: 046421 FRAME: 0278** 505014575

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PATENT REEL: 046421 FRAME: 0279 HEWLETT-PACKARD COMPANY

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PATENT	APPL	IL:A	HUN

3404 E. Harmony Road		• • • • • • • • • • • • • • • • • • • •
Mail Stop 79 Fort Collins, Colorado 80528	RECORD ID:	84262272
ASSIGNM	ENT OF PATENT APPLICATION	
MAle, the undersigned (each), for good ar	nd valuable consideration, the receipt of whi	ch 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:

PRIORITIZING TASKS FOR COPYING TO NONVOLATILE MEMORY

Filing Date:	January 29, 2018	Application No.:	15/748645
divisionals, and r	(s) and improvement(s) set forth therei enewals of and substitutes for said ap which may be granted thereon or there	plication for said Patent, a	and any and all other Patent of any
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 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 paths 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 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 HPDC, 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 WHERE	EOF, I/we hereunto se	t my/our hand(s) ar	nd seal(s): 7/30/10	
Inventor's Signature			Date	
/ Justin Haanbyull	Park		_	
First/Middle Name	Last Name			
Inventor's Signature			Date	
Thierry	Fevrier		_	
First/Middle Name	Last Name			
Rev 8/2014 (Assignment)		Page 1 of 2		

PATENT APPLICATION

(For Counts, Colorado 6952	×	RECORD ID:	84262272
	ASSIGNMENT OF PA	ATENT APPLICATION (cont.)
Inventor's Signature		Date	
David F.	Heinrich		
First/Middle Name	Last Name		
Inventor's Signature		Date	
David W.	Engler		
First/Middle Name	Last Name		
Inventor's Signature		Date	-
First/Middle Name	Last Name		
Inventor's Signature		Oate	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name	••••	
Inventor's Signature			
First/Middle Name	Last Name		

Page 2 of 2

Rev 5/2014 (Assignment)

HEWLETT-PACKARD COMPANY
3404 E. Harmony Road
Mail Stop 79
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID:	84262272

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:

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PRIORITIZING TA	SKS FOR COPYING TO NONVOLAT	TILE MEMORY	
Filing Date:	January 29, 2018	Application No.:	15/748645
divisionals, and rer) and improvement(s) set forth therein newals of and substitutes for said app hich may be granted thereon or therefo	lication for said Patent, ar	nd any and all other Patent of any
by HPDC, its succe Patent respectively	y authorize HPDC to file applications in essors, assigns, nominees or legal repr may be granted, reissued or extended ad this assignment, and transfer not be	esentatives, to the full end , as fully and entirely as the	of the term or terms for which said
executed and will n time a request is ma perfect the title to s nominees or legal n said invention(s) or papers, to execute rightful oaths and d and legal represent improvement(s) in	by covenant that I/we have full right to come execute any agreement in conflict heade, and without undue delay, execute a said invention(s) or improvement(s), said application and suppresentatives, and I/we agree to come improvement(s), said application and suppresentations and divisionals, continued and application and suppresentations, and generally to do every atives to obtain and enforce, for its or that any and all countries provided the assistance are paid by HPDC:	rewith, and I/we further covered the covered to the control of the covered to the	renant and agree that I/we will, each as may be necessary or desirable to it, to HPDC, its successors, assigns nominee, all known facts respecting legal proceedings, to sign all lawfund foreign applications, to make al , its successors, assigns, nominees ent protection for said invention(s) o
applications as afor invention(s) or imp	by authorize and request the official or esaid, to issue to HPDC, as assignee rovement(s) which may be issued an terms of this assignment.	of the entire right, title and	interest, any and all Patent for said
	othorize and direct the attorneys of re nt, now identified by the Record ID and		
IN WITNESS V	VHEREOF, I/we hereunto set my/our	hand(s) and seal(s):	
Inventor's Signature		Date	······································
Justin Haanbyull	Park		
First/Middle Name	Last Name	``````	
4	1		07/30/2015
Invertor's signature	***************************************	Date	
Thierry	Fevrier	<u> </u>	
First/Middle Name	Last Name		
Rev 8/2014 (Assignment)	Page	1 of 2	

Page 1 of 2

PATENT APPLICATION

Fon Collins, Colorado 8052	8	RECORD ID:	84262272
	ASSIGNMENT OF PA	ATENT APPLICATION (con	t.)
Inventor's Signature	***************************************	Date	· · · · · · · · · · · · · · · · · · ·
David F.	Heinrich		
First/Middle Name			
inventor's Signature		Date	
David W.	Engler		
First/Middle Name	Last Name		
Inventor's Signature		Date	
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First/Middle Name	Last Name		

Page 2 of 2

PATENT	APPL	ICATION	ı

RECORD ID:	84262272

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:

assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled: PRIORITIZING TASKS FOR COPYING TO NONVOLATILE MEMORY January 29, 2018 15/748645 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 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

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 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 HPDC, 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.

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IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature			Date	
Justin Haanbyull	Park			
First/Middle Name	Last Name			
Inventor's Signature			Date	
Thierry	Fevrier			
First/Middle Name	Last Name			
Rev 8/2014 (Assignment)		Page 1 of 2		

PATENT REEL: 046421 FRAME: 0284 HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 79

PATENT APPLICATION

Fort Collins, Colorado 80528	J	RECORD ID:	84262272
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David F. Klein	<u> Alderika</u>		115
Inventor's Signature		Date	
David F.	Heinrich		
First/Middle Name	Last Name		
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David W.	Engler	•••••	
First/Middle Name	Last Name		
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Page 2 of 2

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RECORD ID:	84262272

ASSIGNMENT OF PATENT APPLICATION

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entitled: PRIORITIZING TASKS FOR COPYING TO NONVOLATILE MEMORY 15/748645 January 29, 2018 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 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 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 HPDC, 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 Justin Haanbyull Park First/Middle Name Last Name Inventor's Signature Date Fevrier Thierry

Rev 8/2014 (Assignment) Page 1 of 2

Last Name

First/Middle Name

PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID:	84262272
	ASSIGNMENT OF PA	TENT APPLICATION (con	nt.)
Inventor's Signature		Date	
David F.	Heinrich		
First/Middle Name	Last Name		
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David W.	Engler		
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inventor's Signature	······································	Date	15
			4. :
First/Middle Name	Last Name		
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*			
First/Middle Name	Last Name		
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Inventor's Signature		Date	
First/Middle Name	Last Name		
Day 8/2014 (Noclonesan)	P:	age 2 of 2	**

PATENT REEL: 046421 FRAME: 0287

RECORDED: 07/22/2018

Rev 8/2014 (Assignment)