505517762 06/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet Version v1.2

EPAS ID: PAT5564567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANK R. DROPPS	04/30/2019
THOMAS MCGEE	05/23/2019
MICHAEL MALEWICKI	06/03/2019

RECEIVING PARTY DATA

Name:	Hewlett Packard Enterprise Development LP	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16399230

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

Email: hpe.ip.mail@hpe.com

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

ATTORNEY DOCKET NUMBER:	90659704
NAME OF SUBMITTER:	DEBORAH HIGHAM
SIGNATURE:	/Deborah Higham/
DATE SIGNED:	06/10/2019

Total Attachments: 4

source=90659704_Assignment#page1.tif source=90659704_Assignment#page2.tif source=90659704_Assignment#page3.tif source=90659704_Assignment#page4.tif

PATENT 505517762 REEL: 049425 FRAME: 0255

	Hewlett Packard Enterprise
	3404 E. Harmony Road
	Mail Stop 79
i	Fort Collins, Colorado 80528

С	ATE	NIT	APPI	I COA	TIANI

l Stop 79			
t Collins, Colorado 80528	RECORD ID:	90659704	

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:

CACHE COHERENCY MANAGEMENT FOR MULTI-CA	TEGORY MEMORIES
Filing Date: 30 Apr 2019	Application No.: 16/399230
divisionals, and renewals of and substitutes for said appli-	and any and all continuations, continuations-in-part (C-I-P's), cation for said Patent, and any and all other Patent of any e; and any reissues, or reexaminations, or extensions of said
by ared, its successors, assigns, nominees or legal repre-	ny/our name for Patent in any country, to be held and enjoyed sentatives, to the full end of the term or terms for which said as fully and entirely as the same would have been held and made:
time a request is made, and without undue delay, execute an perfect the title to said invention(s) or improvement(s), said a nominees or legal representatives, and I/we agree to commusaid invention(s) or improvement(s), said application and said papers, to execute all disclaimers and divisionals, continuarightful oaths and declarations, and generally to do everythiand legal representatives to obtain and enforce, for its or the	envey the entire interest herein assigned, and that I/we have not swith, and I/we further covenant and agree that I/we will, each ad deliver all such papers as may be necessary or desirable to application and said Patent, to HPED, its successors, assigns, unicate to HPED, or to its nominee, all known facts respecting d Patent, to testify in any legal proceedings, to sign all lawful ations, C-I-P's, reissue and foreign applications, to make all ng possible to aid HPED, its successors, assigns, nominees it own benefit, proper patent protection for said invention(s) or penses which may be incurred by me/us in lending such
applications as aforesaid, to issue to HPED, as assignee of	tny country or countries whose duty it is to issue patents on the entire right, title and interest, any and all Patent for said granted on or as a result of the application aforesaid, in
I/we further authorize and direct the attorneys of reco application for Patent, now identified by the Record ID and title known to them.	ord to insert the filing date and application number of said e set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I'we hereunto set my/our hand(s) and	d seal(s):
1.028	
Inventor's Signature	04/30/2019 Date
Frank R. Dropps	
First/Middle Name/Last Name	
Inventor's Signature	Date
Thomas McGee	
First/Middle Name/Last Name	
Rev 05/15 Page 1	of 2

PATENT REEL: 049425 FRAME: 0256 Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

PATENT APPLICATION

SNMENT OF		Date	

- <u>-</u>	2_2	Date	
······································	***************************************		
<u> </u>		Date	
	<u> </u>		
		Date	
		Date	
	· · · · · · · · · · · · · · · · · · ·	— <u></u>	
**************************************	- Alice	Date	
A COLUMN TO THE			
			Date Date

Page 2 of 2

Rev 06/15

Hewlett Packard Enterprise

PATENT APPLICATION

Mail Stop 79			
Fort Collins, Colorado 80528		RECORD ID:	90659704
	ASSIGNMENT OF PA	ATENT APPLICATION	1
principal place of business in transfer and hereby assign a the right of priority, in, to and	ach), for good and valuable consions to Hewlett Packard Enterp Houston, Texas, (hereinafter H	sideration, the receipt of worise Development LP, a TPED), and to its subsidiaries sors and assigns, the entitled:	hich is hereby acknowledged, and in Fexas Limited Partnership having its es and affiliates, agree to assign and tire right, title and interest, including
Filing Date: 30 Apr 2019		Ameliantian Man and	20000
***********		Application No.: 16/	
divisionals, and renewals of	and substitutes for said appli	cation for said Patent, ar	tions, continuations-in-part (C-I-P's) nd any and all other Patent of any examinations, or extensions of said
Patent respectively may be o	signs, nominees or legal repre	sentatives, to the full end as fully and entirely as th	any country, to be held and enjoyed of the term or terms for which said te same would have been held and
executed and will not execute time a request is made, and we perfect the title to said invent nominees or legal representa said invention(s) or improvem papers, to execute all disclarightful oaths and declaration and legal representatives to compare the said invention and legal representatives the said inven	e any agreement in conflict here without undue delay, execute ar ion(s) or improvement(s), said a tives, and I/we agree to commu- nent(s), said application and sa imers and divisionals, continua- is, and generally to do everyth ibtain and enforce, for its or the all countries provided the ex	ewith, and I/we further covered deliver all such papers application and said Paten unicate to HPED, or to its id Patent, to testify in any ations, C-I-P's, reissue aring possible to aid HPED ir own benefit, proper pate	rein assigned, and that I/we have not enant and agree that I/we will, each as may be necessary or desirable to t, to HPED, its successors, assigns, nominee, all known facts respecting legal proceedings, to sign all lawful of foreign applications, to make all tits successors, assigns, nominees ent protection for said invention(s) or necurred by me/us in lending such
applications as aforesaid, to	issue to HPED, as assignee of (s) which may be issued and	the entire right, title and	whose duty it is to issue patents on interest, any and all Patent for said ult of the application aforesaid, in
I/we further authorize as application for Patent, now ide known to them.	nd direct the attorneys of recontified by the Record ID and tit	ord to insert the filing da le set forth above, as soon	te and application number of said as the same shall have been made
IN WITNESS WHEREOF, I/w	re hereunto set my/our hand(s) an	d seal(s):	
Inventor's Signature		Date	
Frank R. Dropps			
First/Middle Name/Last Name	40000	.	

Thomas McGee

First/Middle Name/Last Name

Rev 06/15

Page 1 of 2

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79

PATENT APPLICATION

Fort Collins, Colorado 80528	RE	CORD ID:	90659704
	ASSIGNMENT OF PATENT APPL	·;	
~572~77	AGGIGNMENT OF PATENT APPL		
		10 -	3-2019
Inventor's Signature		Date	
Michael Malewicki			
First/Middle Name/Last Name		•	
Inventor's Signature		Date	
First/Middle Name/Last Name		-	
Thist/widdle Name/Last Name			
Inventor's Signature		Date	
- ···		24,0	
First/Middle Name/Last Name			
Inventor's Signature		 Date	
		8	
First/Middle Name/Last Name			
The state of the s			
Inventor's Signature		Date	
First/Middle Name/Last Name			
Inventor's Signature		Date	
First/Middle Name/Last Name	· · · · · · · · · · · · · · · · · · ·		

Page 2 of 2

Rev 08/15