504754540 01/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4801268

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT C. ELLIOTT	01/29/2018
MICHAEL MCGOWEN	01/29/2018
DAVID WAGNER	01/29/2018

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:	15883939

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) 898-7472

Email: hpe.ip.mail@hpe.com

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

ATTORNEY DOCKET NUMBER:	90518909
NAME OF SUBMITTER:	DAN C. HU
SIGNATURE:	/Dan C. Hu, Reg. No. 40,025/
DATE SIGNED:	01/30/2018

Total Attachments: 4

source=90518909-Assignment_Executed - Updated#page1.tif source=90518909-Assignment_Executed - Updated#page2.tif source=90518909-Assignment_Executed - Updated#page3.tif source=90518909-Assignment_Executed - Updated#page4.tif

PATENT 504754540 REEL: 044776 FRAME: 0692

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

Michael McGowen First/Middle Name/Last Name

Rev 06/15

PATENT APPLICATION

14 E. Harmony Road Il Stop 79 t Collins, Colorado 80528	RECORD ID:	90518909	
	SSIGNMENT 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 Enterpr principal place of business in Houston, Texas, (hereinafter HP transfer and hereby assign and transfer to HPED, its success the right of priority, in, to and under an application for Patent e	ED), and to its subsidiaries and affiliates, agree to assign and sors and assigns, the entire right, title and interest, including
POWER CONTROL IN A STORAGE SUBSYSTEM	
Filing Date: 01/30/2018	Application No.: 15/883939
and the invention(s) and improvement(s) set forth therein, a divisionals, and renewals of and substitutes for said applic countries thereto which may be granted thereon or therefore Patent.	ation for said Patent, and any and all other Patent of any
I/we additionally authorize HPED to file applications in m by HPED, its successors, assigns, nominees or legal represent respectively may be granted, reissued or extended, a enjoyed by me/us had this assignment, and transfer not been	as fully and entirely as the same would have been held and
AND I/we hereby covenant that I/we have full right to con- executed and will not execute any agreement in conflict here- time a request is made, and without undue delay, execute and perfect the title to said invention(s) or improvement(s), said a nominees or legal representatives, and I/we agree to commu- said invention(s) or improvement(s), said application and said papers, to execute all disclaimers and divisionals, continual rightful oaths and declarations, and generally to do everythin and legal representatives to obtain and enforce, for its or their improvement(s) in any and all countries provided the exp- cooperation and assistance are pald by HPED;	d deliver all such papers as may be necessary or desirable to pplication and said Patent, to HPED, its successors, assigns, nicate to HPED, or to its nominee, all known facts respecting I Patent, to testify in any legal proceedings, to sign all lawful tions, C-I-P's, reissue and foreign applications, to make all no possible to aid HPED, its successors, assigns, nominees nown benefit, proper patent protection for said invention(s) or
AND I/we hereby authorize and request the official of a applications as aforesaid, to issue to HPED, as assignee of invention(s) or improvement(s) which may be issued and accordance with the terms of this assignment.	ny 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.	rd to insert the filing date and application number of said eset 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):
Robert CEllito	2018-01-29
Inventor's Signature.	Date:
Robert C Elliott	
First/Middle Name/Last Name	
Inventor's Signature	Date

Page 1 of

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

Rev \$6/15

	APPI	

RECORD ID:	90518909
ATENT ADDITO ATION	

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 subsidianes and affiliates, agree to assign and

transfer and hereby assign and transfer to HPED, its s the right of priority, in, to and under an application for Pa	uccessors and assigns, the entire right, title and interest, including
POWER CONTROL IN A STORAGE SUBSYSTEM	
Filing Date: 01/30/2018	Application No.: 15/883939
divisionals, and renewals of and substitutes for said	rein, and any and all continuations, continuations-in-part (C-I-P's) application for said Patent, and any and all other Patent of any arefore; and any reissues, or reexaminations, or extensions of said
by HPED, its successors, assigns, nominees or legal to	is in my/our name for Patent in any country, to be held and enjoyed representatives, to the full end of the term or terms for which said ided, as fully and entirely as the same would have been held and been made;
executed and will not execute any agreement in conflictime a request is made, and without undue delay, execuperfect the title to said invention(s) or improvement(s), nominees or legal representatives, and I/we agree to c said invention(s) or improvement(s), said application at papers, to execute all disclaimers and divisionals, conghtful caths and declarations, and generally to do evand legal representatives to obtain and enforce, for its improvement(s) in any and all countries provided the cooperation and assistance are paid by HPED;	to convey the entire interest herein assigned, and that I/we have not herewith, and I/we further covenant and agree that I/we will, each ute and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPED, its successors, assigns orminunicate to HPED, or to its nominee, all known facts respecting ad said Patent, to testify in any legal proceedings, to sign all lawfuntinuations, C-I-P's, reissue and foreign applications, to make all verything possible to aid HPED, its successors, assigns, nominees or their own benefit, proper patent protection for said invention(s) one expenses which may be incurred by me/us in lending such
applications as aforesaid to issue to HPED, as assign	at of any country or countries whose duty it is to issue patents or nee of the entire right, title and interest, any and all Patent for said I and granted on or as a result of the application aforesaid, in
I/we further authorize and direct the attorneys of application for Patent, now identified by the Record ID a known to them.	of record to insert the filling date and application number of said and title set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our han	d(s) and seal(s):
Inventor's Signature	Date
Robert C Elliott	
First/Middle Name/Last Name Mudul 7. Mudai	1/24/18
Inventor's Signature	Odya (
Michael McGowen	
First/Middle Name/Last Name	

Page 1 of

PATENT REEL: 044776 FRAME: 0694 Hewlett Packard Enterprise 3404 E. Hermony Road Mail Stop 79 Fort Collins, Colorado 80528

PATENT APPLICATION

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	
POWER CONTROL IN A STORAGE	SUBSYSTEM	
Filing Date:	Application No.:	
divisionals, and renewals of and sub	(s) set forth therein, and any and all continuations, continuations-in-par stitutes for said application for said Patent, and any and all other Patend thereon or therefore; and any reissues, or reexaminations, or extensions.	ent of am
by HPED, its successors, assigns, no	to file applications in my/our name for Petent in any country, to be held ar miness or legal representatives, to the full end of the term or terms for a elseued or extended, as fully and entirely as the same would have beer and transfer not been made.	which said
executed and will not execute any agitime a request is made, and without uperfect the title to said invention(s) or nominees or legal representatives, an said invention(s) or improvement(s), spapers, to execute all disclaimers as rightful ouths and declarations, and gand legal representatives to obtain an	we have full right to convey the entire interest herein assigned, and that I/w sement in conflict herewith, and I/we further covenant and agree that I/we due delay, execute and deliver all such papers as may be necessary or of improvement(s), said application and said Patent, to HPED, its successors I/we agree to communicate to HPED, or to its nominee, all known facts aid application and said Patent, to testify in any legal proceedings, to sign divisionals, continuations, C-I-P's, reissue and foreign applications, to enerally to do everything possible to aid HPED, its successors, assigns, I enforce, for its or their own benefit, proper patent protection for said inveitines provided the expenses which may be incurred by me/us in ten (HPED).	will, each esirable to e, assigns respecting r all lawfu r make all nominees ention(s) o
applications as aforesaid, to issue to	equest the official of any country or countries whose duty it is to issue p HPED, as assignee of the entire right, title and interest, any and all Pate may be issued and granted on or as a result of the application at innert.	nt for sax
I'we further authorize and direct application for Patent, now identified b known to them.	the attorneys of record to insert the filing data and application numb the Record ID and title set forth above, as soon as the same shall have be	er of sak seen made
IN WITNESS WHEREOF, I/we hereun	o set my/our hand(s) and seal(s):	
Inventor's Signature	Date	
Robert Elliott		
First/Middle Name/Last Name		
Inventor's Signature	Data	
Michael McGowen		
First/Middle Name/Last Name		
Sev (6/15	Page 1 of	

PATENT REEL: 044776 FRAME: 0695

Hewielt Packard Enterprise 3404 E. Harmony Road Mail Stop 79		PATENT APPLICATION
Fort Collins, Colorado 60528	RECORDID:	90518909
ASSIGNMENT	OF PATENT APPLICATION (conf	L)
129hr-	1/29/17	r
Inventor's Signature	Date	
David Wagner		
First /Ministra Name // set Name		

Page 2 of

RECORDED: 01/30/2018

Rev 06/15

PATENT REEL: 044776 FRAME: 0696