505546124 06/26/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BYRON A. ALCORN	10/30/2014
SCOTT W. BRIGGS	10/30/2014
JOEL PIERRE LEFEBVRE	10/13/2014

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
Street Address:	10300 ENERGY DRIVE		
City:	SPRING		
State/Country:	TEXAS		
Postal Code:	77389		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16228333	

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: 3602128500
Email: ipa.mail@hp.com

Correspondent Name: HP, INC.

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Address Line 2: MS 35

Address Line 4: FORT COLLINS, COLORADO 80538

ATTORNEY DOCKET NUMBER: 85672492

NAME OF SUBMITTER: ANGELA D. BOLTJES

SIGNATURE: /Angela D. Boltjes/

DATE SIGNED: 06/26/2019

Total Attachments: 3 source=Assmt#page1.tif source=Assmt#page2.tif source=Assmt#page3.tif

PATENT 505546124 REEL: 049599 FRAME: 0973

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

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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (eac	ch), for good and valuab	le consideratio	n, the receip	t of which is he	reby acknowledged,
and in furtherance of my/our Limited Partnership having it subsidiaries and affiliates, agre assigns, the entire right, title a entitled:	s principal place of buse to assign and transfe	isiness in Hor and hereby a	uston, Texas ssign and tra	s, (hereinafter insfer to HPDC	HPDC), and to its its successors and
POWER-LOSS PROTECTION					
Filing Date: Oct 31, 2014		Applicat	ion No.: I	PCT/US2014/0)63323
and the invention(s) and improving divisionals, and renewals of an countries thereto which may be Patent.	d substitutes for said ap	in, and any and	d all continua aid Patent, a	ations, continuat	ions-in-part (C-I-P's), other Patent of any
I/we additionally authorize h by HPDC, its successors, assig Patent respectively may be grain enjoyed by me/us had this assign	ns, nominees or legal re nted, reissued or extende	presentatives, to ed, as fully and	o the full end	of the term or	terms for which said
AND I/we hereby covenant executed and will not execute are time a request is made, and with perfect the title to said invention nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful oaths and declarations, and legal representatives to obtain provement(s) in any and all cooperation and assistance are provements.	ny agreement in conflict to the control of the conflict in conflic	nerewith, and IA and deliver all id application an imunicate to HF said Patent, to nuations, C-I-P ything possible their own benef	we further covered such papers and said Pater PDC, or to its testify in any its reissue as to aid HPDC it, proper pater	venant and agre as may be nece nt, to HPDC, its nominee, all kn legal proceedin nd foreign appli its successors ent protection fo	te that I/we will, each essary or desirable to successors, assigns, town facts respecting the sum of the sum o
AND I/we hereby authorize applications as aforesaid, to issuinvention(s) or improvement(s) accordance with the terms of this	ie to HPDC, as assigned which may be issued a	of the entire ri	ight, title and	interest, any ar	nd all Patent for said
I/we further authorize and application for Patent, now identi- known to them.	direct the attorneys of rified by the Record ID and	ecord to insert title set forth al	the filing dabove, as soor	ate and applica as the same sl	tion number of said hall have been made
IN WITNESS WHEREOF, W	we hereunto set my/ou	r hand(s) and	seal(s).		
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friventor's Signature			Date /		
Byron A.	Alcorn				
First/Middle Name	Last Name	***************************************			
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Inventor's Signature			Date		
Scott W.	Briggs				
First/Middle Name	Last Name	TO THE POTE OF THE COUNTY			
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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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, agre	e to assign and transfer a	nd hereby assign and transfer to HPDC, its successors and right of priority, in, to and under an application for Patent
POWER-LOSS PROTECTION		
Filing Date: Oct 31, 2014	and and an arthur and are the company of the compan	Application No.: PCT/US2014/063323
divisionals, and renewals of an	nd substitutes for said appl	and any and all continuations, continuations-in-part (C-I-P's) ication for said Patent, and any and all other Patent of any re; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assig	ns, nominees or legal repre nted, reissued or extended,	my/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;
executed and will not execute artime a request is made, and with perfect the title to said invention nominees or legal representative said invention(s) or improvement papers, to execute all disclaimerightful oaths and declarations, and legal representatives to obtain	ny agreement in conflict hen nout undue delay, execute a (s) or improvement(s), said es, and I/we agree to comm it(s), said application and sa ers and divisionals, continu and generally to do everyth ain and enforce, for its or the countries provided the en	nivey the entire interest herein assigned, and that I/we have not ewith, and I/we further covenant and agree that I/we will, each not deliver all such papers as may be necessary or desirable to application and said Patent, to HPDC, its successors, assigns, unicate to HPDC, or to its nominee, all known facts respecting aid Patent, to testify in any legal proceedings, to sign all lawful ations, C-I-P's, reissue and foreign applications, to make at hing possible to aid HPDC, its successors, assigns, nominees air own benefit, proper patent protection for said invention(s) or expenses which may be incurred by me/us in lending such
applications as aforesaid, to issu	ue to HPDC, as assignee o which may be issued and	any country or countries whose duty it is to issue patents or if the entire right, title and interest, any and all Patent for said granted on or as a result of the application aforesaid, in
		ord to insert the filing date and application number of said tle set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/	we hereunto set my/our h	nand(s) and seal(s):
Inventor's Signature		Date
Byron A.	Alcorn	
First/Middle Name	Last Name	
Sing w Bush		10/30/2014
Inventor's Signature		Date
Scott W.	Briggs	
First/Middle Name	Last Name	- Anna Anna Anna Anna Anna Anna Anna Ann

Page 1 of 2

HEWLETT-PACKARD COMPANY

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	ASSIGNMENT OF PATENT API	PLICATION (con	t.)
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Inventor's Signature	A CONTRACTOR OF THE PROPERTY O	Date	
Joel Pierre	Lefebvre		
First/Middle Name	Last Name		
Inventor's Signature	MANAGONIA O SANTONIA PARAGONIA PARAGONIA PARAGONIA PARAGONIA PARAGONIA PARAGONIA PARAGONIA PARAGONIA PARAGONIA	Date	KORENNANDANA
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