504462283 07/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4508985

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TARAM S DEVITT-CAROLAN	01/28/2015
RICK BRAMLEY	01/27/2015
RENY PAUL	01/28/2015
ANIL KUMAR S R	01/28/2015

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:	15539840

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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: (541)715-8443 Email: ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84642053
NAME OF SUBMITTER:	DEBBIE BORLAND
SIGNATURE:	/Debbie Borland/
DATE SIGNED:	07/18/2017

Total Attachments: 3

source=84642053Assignment#page1.tif source=84642053Assignment#page2.tif

> **PATENT** REEL: 043036 FRAME: 0261 504462283

source=84642053Assignment#page3.tif

PATENT REEL: 043036 FRAME: 0262 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

P &	TENT	APPE	ICA	TION
K - 6~		~		, , , , , , , , ,

RECORD ID:	84111724
RECORD ID:	84111724

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 it subsidiaries and affiliates, agre	s principal place of businge to assign and transfer an	ess in Houston, Texas id hereby assign and tra	ic. (hereinafter HPDC), and to its nsfer to HPDC, its successors and itd under an application for Patent
BACKUP IMAGE RESTORE			
Filling Date: June 26, 2	2017	Application No.:	15/539840
divisionals, and renewals of a	nd substitutes for said appli	cation for said Patent, a	tions, continuations-in-part (C-i-P's), nd any and all other Patent of any sexaminations, or extensions of said
by HPDC, its successors, assig	gns, nominees or legal repre inted, reissued or extended,	sentatives, to the full end as fully and entirely as t	any country, to be held and enjoyed I of the term or terms for which said he same would have been held and
executed and will not execute a fime a request is made, and wit perfect the title to said inventior nominees or legal representative said invention(s) or improvement papers, to execute all disclaim rightful oaths and declarations, and legal representatives to obtain	any agreement in conflict hen hout undue delay, execute an n(s) or improvement(s), said a res, and I/we agree to commont(s), said application and sa rers and divisionals, continu and generally to do everyth tain and enforce, for its or the ill countries provided the en	awith, and I/we further condition and said Pate unication and said Pate unicate to HPDC, or to its id Patent, to testify in an ations, C-I-P's, reissue a ling possible to aid HPDC if own benefit, proper par	trein assigned, and that I/we have not venant and agree that I/we will, each as may be necessary or desirable to att, to HPDC, its successors, assigns, a nominee, all known facts respecting y legal proceedings, to sign all lawful to design applications, to make all C, its successors, assigns, nominees tent protection for said invention(s) or incurred by me/us in lending such
applications as aforesaid, to iss	sue to HPDC, as assignee o which may be issued and	f the entire right, title and	whose duty it is to issue patents on f interest, any and all Patent for said sult of the application aforesaid, in
			iate and application number of said on as the same shall have been made
IN WITNESS WHEREOF, I	/we hereunto set my/our l	nand(s) and seal(s):	
inventor's Signature			1 28, 2015
Taram 5 First/Middle Name	Devitt-Carolan Last Name		
Inventor's Signature		Date	
Rick	Bramley	**	
First/Middle Name	Last Name		
Rev 8/2014 (Assignment)	Page	1 of 2	

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

Rev 80014 (Assignment)

PATERIT	A DOM	300 8 200 38

RECORD ID:	84111724

ASSIGNMENT OF PATENT APPLICATION

//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 Pertnership having its subsidiaries and affiliates, agree	principal place of busing to assign and transfer an	ess in Houston, Texas, (hereinafter HPDC), and to its id hereby assign and transfer to HPDC, its successors and right of priority, in, to and under an application for Patent
BACKUP IMAGE RESTORE		
Filing Date: June 26, 2	017	Application No.: 15/539840
divisionals, and renewals of and	I substitutes for said applic	end any and all continuations, continuations-in-part (C-LP's), cation for said Patent, and any and all other Patent of any and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assign	s, nominees or legal repre- ted, reissued or extended,	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;
executed and will not execute an time a request is made, and within perfect the title to said invention() nominees or legal representative said invention(s) or improvement papers, to execute all disclaims rightful paths and declarations, a and legal representatives to obtain	y agreement in conflict here but undue delay, execute ar s) or improvement(s), said s s, and I/we agree to commu (s), said application and sai rs and divisionals, continue and generally to do everyth in and enforce, for its or the countries provided the ex	rivey the entire interest herein assigned, and that I/we have not swith, and I/we further covenant and agree that I/we will, each id 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 id Patent, to lestify in any legal proceedings, to sign all lawful stions, C-I-P's, reissue and foreign applications, to make all ing possible to aid HPDC, its successors, assigns, nominees ir 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 issu	e to HPDC, as assignee of which may be issued and	any country or countries whose duty it is to issue patents on f 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 le set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, IA	ve hereunto set my/our h	rand(s) and seal(s):
Inventor's Signature		Value
Taram S	Devitt-Carolan	
First/Middle Name	Last Name	
<u> Lika Darrellerg</u> inventor's Signature		
flick	Bramley	
First/Michile Name	Last Name	

PATENT REEL: 043036 FRAME: 0264 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	84111724	
r ar conna, outrate cooks	a particular language	ENT APPLICATION (con		
		or 28(20)**		
Inventor's Signature		Date		
Reny	Paul			
First/Middle Name	Last Name			
(A)		2136/35/10		
Inventor's Signature		Date	***************************************	
Anil Kumar	5.R			
First/Middle Name	Last Name	······································		
Inventor's Signature		Date		
First/Middle Name	Last Name			
Inventor's Signature		Date		
First/Middle Name	Last Name	and the second s		
Inventor's Signature		Date		
First/Middle Name	East Name			
inventor's Signature		Date		
and the second s				
First/Middle Name	Last Name			

Page 2 of 2

PATENT REEL: 043036 FRAME: 0265

RECORDED: 07/18/2017

Rev 8/2014 (Assignment)