504116078 11/30/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4162748

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CESAR FERNANDEZ ESPASA	07/18/2014
SRINIVAS BHAKTHAVATSALAM	07/18/2014
CARLOS MILLAN-LORMAN	07/18/2014

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:	15308897		

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.

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: 84554184

NAME OF SUBMITTER: KUBAE KIM

SIGNATURE: /Kubae Kim/

DATE SIGNED: 11/30/2016

Total Attachments: 2

source=Assignment84554184#page1.tif source=Assignment84554184#page2.tif

PATENT 504116078 REEL: 040466 FRAME: 0289

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

p	Δ.	TF	N7	Δ	PP	1 10	?.Δ	TI	0	N

RECORD ID:	83964197

ASSIGNMENT OF PATENT APPLICATION

and in furthera Limited Partner subsidiaries and	nce of my/our obligations to rship having its principal plad d affiliates, agree to assign and	HEWLETT-PACKARD ce of business in House transfer and hereby as	a, the receipt of which is hereby acknowledged, DEVELOPMENT COMPANY, L.P., a Texas ston, Texas, (hereinafter HPDC), and to its sign and transfer to HPDC, its successors and rity, in, to and under an application for Patent
FRONT-TO-BA	CK REGISTRATION OF PRIN	ITED CONTENT	
Filing Date:	11-04-2016	Applicati	on No.: 15/308,897
divisionals, and	renewals of and substitutes for	or said application for sai	all continuations, continuations-in-part (C-I-P's) id Patent, and any and all other Patent of any sissues, or reexaminations, or extensions of said
by HPDC, its su Patent respective	ccessors, assigns, nominees of	r legal representatives, to or extended, as fully and	for Patent in any country, to be held and enjoyed the full end of the term or terms for which said entirely as the same would have been held and
executed and wi time a request is perfect the title to nominees or legal said invention(s) papers, to execu- rightful oaths an and legal represe improvement(s)	Il not execute any agreement in made, and without undue delay o said invention(s) or improvemal representatives, and I/we agree or improvement(s), said applicate all disclaimers and division d declarations, and generally to entatives to obtain and enforce,	conflict herewith, and I/w /, execute and deliver all sent(s), said application and ee to communicate to HP ation and said Patent, to fals, continuations, C-I-P's to do everything possible to for its or their own benefit	re interest herein assigned, and that I/we have not be further covenant and agree that I/we will, each such papers as may be necessary or desirable to ad said Patent, to HPDC, its successors, assigns, DC, or to its nominee, all known facts respecting testify in any legal proceedings, to sign all lawful so, reissue and foreign applications, to make all to aid HPDC, its successors, assigns, nominees to the proper patent protection for said invention(s) or the may be incurred by me/us in lending such
applications as a invention(s) or i	aforesaid, to issue to HPDC, as	assignee of the entire rig	or countries whose duty it is to issue patents on ght, title and interest, any and all Patent for said or as a result of the application aforesaid, in
I/we further application for Paknown to them.	authorize and direct the attor atent, now identified by the Reco	neys of record to insert ord ID and title set forth ab	the filing date and application number of said pove, as soon as the same shall have been made
IN WITNES	S WHEREOF, I/we hereunto s	et my/our hand(s) and s	seal(s):
	- 4.4		and only
Inventor's Signatu	ire		Date
Cesar Fernandez Inventor's Typed I	T-15-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	**************************************	
mivernor's Typeu i	<i></i>		2/./.
Inventor's Signatu	re .		7 /18 /2 014 Date
Srinivas Bhakthav			
Inventor's Typed N			

Rev 6/2014 (Assignment)

Page 1 of 2

REWLE	TT-PACKA	RD COMPA	NY
intellect	ual Propert	y Administrat	
3404 E.	Harmony F	Road	
Mail Sto	p 35		
Fort Cal	lins, Colora	ado 80528	
	ijti		Á
	. THE THE PARTY OF	The state of the s	ğ.
	THE.	THE STATE OF	

PATENT APPLICATION

Mail Stop 35	RECORD ID:	83964197
Fort Collins, Colorado 80528 ASSIGNMENT	T OF PATENT APPLICATION	(cont.)
and the state of t	er e	
Trysend's Signature	Date 1	<u> </u>
Carlos Millen-Lorman		
Inventor's Typed Name		
* .		
***	<u></u>	
inventor's Signature	Date	
inventor's Typed Name		
		*
Inventor's Signature	Date	······································
and the second s		
Inventor's Typed Name		
and the control of th		
Inventor's Signature	Date	
		V
Inventor's Typed Name		
inventor's Signature	Date	
The course was the course of the course		
Inventor's Typed Name		
inventor's Signature	Date	
inventor's Typed Name		
		Sweet,

Rev & 2014 (Assignment)

Page 2 of 2

PATENT REEL: 040466 FRAME: 0291