12/18/2015 503618747

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3665378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAVEEN MURALIMANOHAR	07/30/2013
DOE HYUN YOON	07/30/2013

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:	14899708

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	90132840
NAME OF SUBMITTER:	KATHY L. HUNGSBERG
SIGNATURE:	/Kathy L. Hungsberg/
DATE SIGNED:	12/18/2015

Total Attachments: 2

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> **PATENT REEL: 037327 FRAME: 0976** 503618747

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

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RECORD ID:	83273853
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ASSIGNMENT OF PATENT APPLICATION

Rev V 2013 (Assignment)

I/We, the undersigned (each) have agreed and hereby agre receipt of which is hereby acknowledged, and in furtherance of DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership has Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to a assigns, the entire right, title and interest, including the right of price entitled:	my/our obligations to HEWLETT-PACKARD in displaying its principal place of business in Houston, ssign and transfer to HPDC, its successors and			
GLOBAL ERROR CORRECTION				
Filing Date: 12/18/2015 Applicat	ion No.: 14/899708			
and the invention(s) and improvement(s) set forth therein, and any and divisionals, and renewals of and substitutes for said application for sa countries thereto which may be granted thereon or therefore; and any restant.	aid Patent, and any and all other Patent of any			
I/we additionally authorize HPDC to file applications in my/our name by HPDC, its successors, assigns, nominees or legal representatives, t Patent respectively may be granted, reissued or extended, as fully and enjoyed by me/us had this assignment, and transfer not been made;	o the full end of the term or terms for which said			
AND I/we hereby covenant that I/we have full right to convey the ent executed and will not execute any agreement in conflict herewith, and I/ time a request is made, and without undue delay, execute and deliver all perfect the title to said invention(s) or improvement(s), said application and nominees or legal representatives, and I/we agree to communicate to Hissaid invention(s) or improvement(s), said application and said Patent, to papers, to execute all discialmers and divisionals, continuations, C-I-Frightful oaths and declarations, and generally to do everything possible and legal representatives to obtain and enforce, for its or their own bene improvement(s) in any and all countries provided the expenses which cooperation and assistance are paid by HPDC; AND I/we hereby authorize and request the official of any country	we further covenant and agree that I'we will, each such papers as may be necessary or destrable to ad said Patent, to HPDC, its successors, assigns, PDC, or to its nominee, all known facts respecting testify in any legal proceedings, to sign all lawful Ps, reissue and foreign applications, to make all to aid HPDC, its successors, assigns, nominees fit, proper patent protection for said invention(s) or ch may be incurred by me/us in lending such			
applications as aforesaid, to issue to HPDC, as assignee of the entire invention(s) or improvement(s) which may be issued and granted or accordance with the terms of this assignment.	ight, title and interest, any and all Patent for said			
I/we further authorize and direct the attorneys of record to inser application for Patent, now identified by the Record ID and title set forth a known to them.	t the filing date and application number of said above, as soon as the same shall have been made			
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and	seal(s):			
thouse	7/30/2013			
Invantor's Signature	Date			
Naveen Muralimsnohar				
Inventor's Typed Name				
In Subsect Chromitum	Date			
nventor's Signature Date				
Dos Hyun Yoon				
Inventor's Typed Name				

Page 1 of 1

PEVELTT-PACKARO (CONSPASSY Intellectusi Property Administratox 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATERT	

RECORD ID:	83273853
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valueble 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, to assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

GLOBAL ERROR CORRECTION

	Application No.:	
and the invention(s) and improvement(s) set forth therein, are divisionals, and renewals of and substitutes for said applicate countries thereto which may be granted thereon or therefore; Patent.	ition for sald Patent,	nustions, continuations-in-part (C-I-P's), , and any and all other Patent of any

If we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND live hereby covenant that live have full right to convey the entire interest herein assigned, and that live have not executed and will not execute any agreement in conflict herewith, and live further covenant and agree that live will, each time 8 request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and live agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, relessue and foreign applications, to make all rightful patents and declarations, and generally to do everything possible to sid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or lineir own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and essistance are paid by HPDC;

AND live hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, little and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

live further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Segmentre		Catty
Noveen Minnismenohar Inventor's Transa Names Inventor's Supplies		0/30/20(3
Doe Hyne Yoon Invaning Speed Name		
New 1/2013 (Accommend)	Page 1 of 1	

PATENT REEL: 037327 FRAME: 0978