503681357 02/05/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14888089

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SIGNATURE:	/Renee McGinnis/
DATE SIGNED:	02/05/2016

Total Attachments: 2

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> **PATENT REEL: 037670 FRAME: 0796**

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HEWLETT-PACKARD COMPANY Intellectual Pro 340 Ma Fo

PATENT APPLICATION

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04 E. Harmony Road	ļ			
il Stop 35	:	RECORD ID:	83211155	
rt Collins, Colorado 80528	. !			
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of mylour 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:		•, , ,	
REPORTING DEGRADED STATE OF DATA R	ETRIEVED FOR DIST	TRIBUTED OBJECT	
Filing Date:	Applicati		
and the invention(s) and improvement(s) set forti divisionals, and renewals of and substitutes for countries thereto which may be granted thereon of Patent.	said application for sa	id Patent, and any and a	all other Patent of any
I/we additionally authorize HPDC to file applic by HPDC, its successors, assigns, nominees or le Patent respectively may be granted, reissued or e enjoyed by me/us had this assignment, and transfer	egal representatives, to extended, as fully and	the full end of the term	or terms for which said
AND I/we hereby covenant that I/we have full executed and will not execute any agreement in citime a request is made, and without undue delay, perfect the title to said invention(s) or improvement nominees or legal representatives, and I/we agree said invention(s) or improvement(s), said applicational papers, to execute all disclaimers and divisionals rightful oaths and declarations, and generally to condition and legal representatives to obtain and enforce, for improvement(s) in any and all countries provide cooperation and assistance are paid by HPDC;	onflict herewith, and I/w execute and deliver all I(s), said application ar to communicate to HP on and said Patent, to s, continuations, C-I-P' to everything possible it its or their own benefi	we further covenant and ag such papers as may be no not said Patent, to HPDC, it PDC, or to its nominee, all testify in any legal proceed is, reissue and foreign ap to aid HPDC, its successit, proper patent protection	gree that I/we will, each accessary or desirable to the successors, assigns, known facts respecting dings, to sign all lawful aplications, to make all ors, assigns, nominees for said invention(s) or
AND I/we hereby authorize and request the applications as aforesaid, to issue to HPDC, as a invention(s) or improvement(s) which may be is accordance with the terms of this assignment.	ssignee of the entire ri	ght, title and interest, any	and all Patent for said
I/we further authorize and direct the attorne application for Patent, now identified by the Record known to them.	ys of record to insert ID and title set forth at	the filing date and appli bove, as soon as the same	cation number of said shall have been made
IN WITNESS WHEREOF, I/we hereunto set	my/our hand(s) and	seal(s):	
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Inventor's Signature		Date	Secretary of Contract of Contr
Date Team (County	decision one of		
Peter Thomas Camble Inventor's Typed Name			
1		81. L	
Inventor's Signature		74/5/13 Date	
Andrew Todd Inventor's Typed Name			
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Rev 1/2013 (Assignment)	Page 1 of 2		

PATENT REEL: 037670 FRAME: 0797

HEWLETT-PACKARD COMPANY PATENT APPLICATION Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 83211155 RECORD ID: Fort Collins, Colorado 80528 ASSIGNMENT OF PATENT APPLICATION (cont.) Inventor's Signature Dennis Suehr Inventor's Typed Name Kaushik Chandrasekharan Inventor's Typed Name Inventor's Signature Date inventor's Typed Name

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PATENT REEL: 037670 FRAME: 0798

RECORDED: 02/05/2016

Rev 1/ 2013 (Assignment):