## 503807655 05/02/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MEHRAN KAFAI	04/29/2016
HONGWEI SHANG	04/28/2016
OMAR AGUILAR MACEDO	04/29/2016

### **RECEIVING PARTY DATA**

Name:	Hewlett Packard Enterprise Development LP
Street Address:	11445 Compaq Center Drive West
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State/Country:	TEXAS
Postal Code:	77070

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15143138

### **CORRESPONDENCE DATA**

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Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90165519
NAME OF SUBMITTER:	ASHOK K. MANNAVA
SIGNATURE:	/Ashok K. Mannava/
DATE SIGNED:	05/02/2016

**Total Attachments: 3** 

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PATENT 503807655 REEL: 038433 FRAME: 0866

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Rev 06/15

<b>PATENT</b>	<b>APPLICATION</b>
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404 E. Harmony Road		
fail Stop 79		
ort Collins, Colorado 80528	RECORD ID:	90165519

#### 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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including

the right of priority, in, to an	d under an application for Pa	tent entitled:
UPDATING DATA MODE	LS FOR STREAMING DA	TA
Filing Date:		Application No.:
divisionals, and renewals	of and substitutes for said	rein, and any and all continuations, continuations-in-part (C-I-P's), application for said Patent, and any and all other Patent of any refore; and any reissues, or reexaminations, or extensions of said
by HPED, its successors, Patent respectively may be	assigns, nominees or legal	s in my/our name for Patent in any country, to be held and enjoyed representatives, to the full end of the term or terms for which said ded, as fully and entirely as the same would have been held and been made;
executed and will not executime a request is made, an perfect the title to said invenominees or legal represer said invention(s) or improve papers, to execute all disrightful oaths and declarational legal representatives to	ute any agreement in conflict without undue delay, execution(s) or improvement(s), ntatives, and I/we agree to cement(s), said application acclaimers and divisionals, colons, and generally to do evolution and enforce, for its and all countries provided the	to convey the entire interest herein assigned, and that I/we have not therewith, and I/we further covenant and agree that I/we will, each ute and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPED, its successors, assigns, ommunicate to HPED, or to its nominee, all known facts respecting and said Patent, to testify in any legal proceedings, to sign all lawful nitinuations, C-I-P's, reissue and foreign applications, to make all erything possible to aid HPED, its successors, assigns, nominees or their own benefit, proper patent protection for said invention(s) or see expenses which may be incurred by me/us in lending such
applications as aforesaid,	to issue to HPED, as assignant(s) which may be issued	al of any country or countries whose duty it is to issue patents on ee of the entire right, title and interest, any and all Patent for said and granted on or as a result of the application aforesaid, in
		f record to insert the filing date and application number of said nd title set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF,	I/we hereunto set my/our hand	d(s) and seal(s):
Inventor's Signature		
	ICA E AT	
Mehran First/Middle Name	KAFAI Last Name	·····
Inventor's Signature	**************************************	Date
Hongwei	SHANG	
First/Middle Name	Last Name	<del></del>

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**PATENT REEL: 038433 FRAME: 0867** 

Hewiett Packard Enterprise
3404 E. Harmony Road
Mail Stop 79
Fort Collins, Colorado 80528

D/	ATE.	MT	<b>APPI</b>	I/C A T	ION

3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528	RECORD (	D:	90165519
	ASSIGNMENT OF PATENT APPLICA	ATION	
furtherance of my/our obligat principal place of business in transfer and hereby assign a	ach), for good and valuable consideration, the receitions to Hewlett Packard Enterprise Development Houston, Texas, (hereinafter HPED), and to its subund transfer to HPED, its successors and assigns, under an application for Patent entitled:	LP, a Texas osidiaries and	Limited Partnership having its I affiliates, agree to assign and
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Filing Date:	Application No.	o.:	
divisionals, and renewals of	provement(s) set forth therein, and any and all co and substitutes for said application for said Pa be granted thereon or therefore; and any reissue	tent, and an	y and all other Patent of any
by HPED, its successors, as Patent respectively may be a	te HPED to file applications in my/our name for Pa signs, nominees or legal representatives, to the f granted, reissued or extended, as fully and entire signment, and transfer not been made;	ull end of the	e term or terms for which said
executed and will not execute time a request is made, and a perfect the title to said inventionminees or legal representa said invention(s) or improven papers, to execute all disclarightful oaths and declaration and legal representatives to compare the said to the said	ant that I/we have full right to convey the entire intered any agreement in conflict herewith, and I/we furthwithout undue delay, execute and deliver all such pion(s) or improvement(s), said application and said tives, and I/we agree to communicate to HPED, onent(s), said application and said Patent, to testify timers and divisionals, continuations, C-I-P's, reises, and generally to do everything possible to aid obtain and enforce, for its or their own benefit, propall countries provided the expenses which mare paid by HPED;	her covenant papers as ma d Patent, to t r to its nomir in any legal ssue and for HPED, its s per patent pro	and agree that I/we will, each by be necessary or desirable to dPED, its successors, assigns nee, all known facts respecting proceedings, to sign all lawfu elgn applications, to make al uccessors, assigns, nominees blection for said invention(s) or
applications as aforesaid, to	rize and request the official of any country or country issue to HPED, as assignee of the entire right, tit (s) which may be issued and granted on or as this assignment.	le and intere	st, any and all Patent for said
I/we further authorize a application for Patent, now idenown to them.	nd direct the attorneys of record to insert the fentified by the Record ID and title set forth above,	iling date an as soon as th	d application number of said te same shall have been made
IN WITNESS WHEREOF, I/v	ve hereunto set my/our hand(s) and seal(s):		

Mehran KAFAI First/Middle Name Last Name Hongwei **SHANG** First/Middle Name Last Name

Date

Rev 06/15

Inventor's Signature

Page 1 of 2

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

### PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID: 90165519	
	ASSIGNMENT OF PATEN	T APPLICATION (cont.)	
		<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>	
Inventor's Signature		Date	
Omar	AGUILAR MACEDO		
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name:		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature	*	Date	
First/Middle Name	Last Name		

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