## 504896436 05/02/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4943179

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DEJAN S MILOJICIC	04/30/2018
SHARAD SINGHAL	04/30/2018
MICHAEL S. WOODACRE	04/27/2018
ANDREW R. WHEELER	04/30/2018

#### **RECEIVING PARTY DATA**

Name:	HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP
Street Address:	11445 COMPAQ CENTER DRIVE WEST
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Postal Code:	77070

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

Property Type	Number
Application Number:	15967583

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	90545631
NAME OF SUBMITTER:	HECTOR A. AGDEPPA
SIGNATURE:	/Hector A. Agdeppa/
DATE SIGNED:	05/02/2018

### **Total Attachments: 4**

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PATENT 504896436 REEL: 045696 FRAME: 0151

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

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#### 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 and under an application for Patent entitled:

SYSTEMS AND METHODS FOR AGGREGATE BANDWIDTH
AND LATENCY OPTIMIZATION

Filling Date: April 30, 2018 Application No.: 15/967,583

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said

I/we additionally authorize HPED to file applications in my/our name for Patent in any country, to be held and enjoyed by HPED, 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 I/we hereby coverant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further coverant and agree that I/we will, each time a 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 HPED, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPED, 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, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPED, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their 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 assistance are paid by HPED;

AND I/we 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 HPED, as assignee of the entire right, title 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.

I/we 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.

INI SARTNICCC IAU SCINCON I S S	mt o /n /n h / (_\ )	
IN WITNESS WHEREOF, I/we hereur	nto set my/our nand(s) and sear(s):	
Olyon). Luit	micie	4/30/2018
Inventore Signature	<i>V</i>	Date
Dejan S. Milojicic		
First/Middle Name/Last Name		
Inventor's Signature		Date
Sharad Singhal		
First/Middle Name/Last Name		
Rev 06/15	Page 1 of	

Hewlett Packard Enterprise 3404 E. Harmony Road		PATENT APPLICATION
Mail Stop 79 Fort Collins, Colorado 80528	RECORD (D:	90545631
ASSIGNMENT	OF PATENT APPLICATION	
I/We, the undersigned (each), for good and valuat furtherance of my/our obligations to Hewlett Packard principal place of business in Houston, Texas, (herein transfer and hereby assign and transfer to HPED, its the right of priority, in, to and under an application for its priority.	Enterprise Development LP, a Te; after HPED), and to its subsidiaries successors and assigns, the entine	kas Limited Partnership having its and affiliates, agree to assign and
SYSTEMS AND METHODS FOR AGGREGATE B AND LATENCY OPTIMIZATION	ANDWIDTH	
Filing Date: April 30, 2018	Application No.: 15/	•
and the invention(s) and improvement(s) set forth the divisionals, and renewals of and substitutes for sail countries thereto which may be granted thereon or the Patent.	d application for said Patent, and	any and all other Patent of any
I/we additionally authorize HPED to file application of the successors, assigns, nominees or legal patent respectively may be granted, reissued or extenioyed by me/us had this assignment, and transfer n	il representatives, to the full end of anded, as fully and entirely as the	f the term or terms for which said
AND I/we hereby covenant that I/we have full right executed and will not execute any agreement in confitme a request is made, and without undue delay, exeperfect the title to said invention(s) or improvement(s) nominees or legal representatives, and I/we agree to said invention(s) or improvement(s), said application papers, to execute all disclaimers and divisionals, rightful oaths and declarations, and generally to do and legal representatives to obtain and enforce, for its improvement(s) in any and all countries provided cooperation and assistance are paid by HPED;	lict herewith, and I/we further cover scute and deliver all such papers as ), said application and said Patent, communicate to HPED, or to its no and said Patent, to testify in any le continuations, C-I-P's, reissue and everything possible to aid HPED, it s or their own benefit, proper patent	nant and agree that I/we will, each may be necessary or desirable to to HPED, its successors, assigns, ominee, all known facts respecting agal proceedings, to sign all lawful foreign applications, to make all ts successors, assigns, nominees t protection for said invention(s) or
AND I/we hereby authorize and request the office applications as aforesaid, to issue to HPED, as assignment(s) or improvement(s) which may be issue accordance with the terms of this assignment.	gnee of the entire right, title and in	terest, any and all Patent for said
I/we further authorize and direct the attorneys application for Patent, now identified by the Record ID known to them.		
IN WITNESS WHEREOF, I/we hereunto set my/our ha	nd(s) and seal(s):	
Inventor's Signature	Date	
Dejan S. Milojícic		
First/Middle Name/Last Name		8 8
	E 24.5	C 122 7 08

Page 1 of

Sharad Singhal

Pleas (20/15)

First/Middle Name/Last Name

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### PATENT APPLICATION

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## PATENT APPLICATION

Fort Collins, Colorado 80528	RECORD ID:	90545618
ASSIGNMENT (	OF PATENT APPLICATION (con	i.)
Inventor's Signature	Date	
Michael S. Woodacre		
First/Middle Name/Last Name		
anh E. Whi	43/19	·
Inventor's Signature	Date	
Andrew R Wheeler		
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Înventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
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PATENT REEL: 045696 FRAME: 0155