PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5910105

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KHRUM KASHAN JAT	09/10/2019
AHMED MAHDAOUI	10/02/2019
SPOORTHY KONDAPALLY	09/25/2019
OTTO FONSECA ESCUDERO	12/06/2019
GARY DOUSSON	12/06/2019

RECEIVING PARTY DATA

Name:	T-MOBILE USA, INC.	
Street Address:	12920 SE 38TH STREET	
City:	BELLEVUE	
State/Country:	WASHINGTON	
Postal Code:	98006	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16730594

CORRESPONDENCE DATA

Fax Number: (206)359-7198

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.

Phone: 206 359-8000

Email: PBaumgart@perkinscoie.com

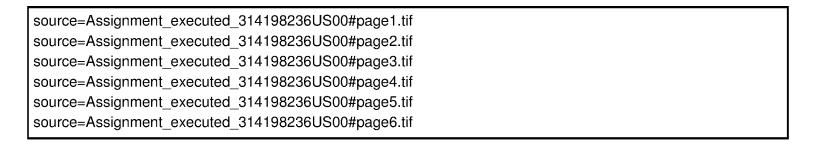
Correspondent Name: PERKINS COIE LLP
Address Line 1: P.O.BOX 1247
Address Line 2: PATENT-SEA

Address Line 4: SEATTLE, WASHINGTON 98111

ATTORNEY DOCKET NUMBER:	031419-8236.US01	
NAME OF SUBMITTER:	PAMELA BAUMGART	
SIGNATURE:	/Pamela Baumgart/	
DATE SIGNED:	01/14/2020	

Total Attachments: 6

PATENT REEL: 051589 FRAME: 0678



PATENT REEL: 051589 FRAME: 0679

ASSIGNMENT

WHEREAS, Khrum Kashan Jat residing at Sammamish, WA, Ahmed Mahdaoui residing at Bothell, WA, Spoorthy Kondapally residing at Issaquah, WA, Outo Fonseca Escudero residing at Snoqualmie, WA, and Gary Dousson, residing at Seattle, WA (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

OPTIMUM NETWORK PERFORMANCE IMPROVEMENT SOLUTIONS SELECTION SYSTEMS AND METHODS

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "OPTIMUM NETWORK PERFORMANCE IMPROVEMENT SOLUTIONS SELECTION SYSTEMS AND METHODS" for which:

[] a provisional application for United States Letters Patent was filed on ___ and was

a provisional application for United States Letters Patent was filed on ____ and was given U.S. Serial No. ___; and/or

🗵 a non-provisional application for United States Letters Patent was:

filed on <u>August 1, 2019</u> and was given U.S. Serial No. <u>16/529,702</u>; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Perkins Coie LLP, who are associated with customer number 25096, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, T-Mobile USA, Inc. a corporation of the State of Delaware, having its principal place of business at 12920 SE 38th Street, Bellevue, Washington, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

Page 1

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

9/10/2019

Date

Khrum Kashan Jat

ARmed Mahdaowi

LO-2-2019 Ahmed Mahdaoui

Page 3

31419-8236.US00/145637727 1

PATENT REEL: 051589 FRAME: 0682

09/25/2019

Date

Spoorthy Kondapally

Page 4

31419-8236.US00/145637727.1

PATENT

REEL: 051589 FRAME: 0683

12/06/2019 Ho Forson

Otto Fonseca Escudero

Date

12/06/2019

Gary Dousson

Page 6