

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAJA JOSEPH AUGUSTIN	04/05/2023
SHAWN P. BURKIT	04/05/2023
YAQING GUO	04/10/2023
BRETT HADDEN	04/05/2023
JASON R. HOOD	04/05/2023
YUN HONG LEE	04/05/2023
SANATH RAJ	04/06/2023
SAIKUMAAR VENKATASUBRAMANIAM	04/26/2023
KRISHNA K. VENNAMANENI	04/07/2023
DANIEL F. VILLA	04/06/2023
ZHIJIAN WU	04/06/2023
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:	18190009
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ATTORNEY DOCKET NUMBER:	031419.8556.US00
NAME OF SUBMITTER:	PAMELA BAUMGART
SIGNATURE:	/Pamela Baumgart/
DATE SIGNED:	04/27/2023
Total Attachments: 12 source=Assignment 031419.8556.US00#page1.tif source=Assignment 031419.8556.US00#page2.tif source=Assignment 031419.8556.US00#page3.tif source=Assignment 031419.8556.US00#page4.tif source=Assignment 031419.8556.US00#page5.tif source=Assignment 031419.8556.US00#page6.tif source=Assignment 031419.8556.US00#page7.tif source=Assignment 031419.8556.US00#page8.tif source=Assignment 031419.8556.US00#page9.tif source=Assignment 031419.8556.US00#page10.tif source=Assignment 031419.8556.US00#page11.tif source=Assignment 031419.8556.US00#page12.tif	

ASSIGNMENT

WHEREAS, Raja Joseph Augustin residing at Fords NJ, Shawn P. Burkit residing at Whitehall PA, Yaqing Guo residing at Sammamish WA, Brett Hadden residing at Maple Valley WA, Jason Riley Hood residing at Snoqualmie WA, Yun Hong Lee residing at Stafford TX, Sanath Raj residing at Snoqualmie WA, Saikumaar Venkatasubramaniam residing at Short Hills NJ, Krishna K. Vennamaneni residing at Richardson TX, Daniel F. Villa residing at Bellevue WA, and Zhijian Wu residing at Frisco TX (hereinafter called "Assignors") have made certain new and useful inventions or discoveries relating to

VENDOR-AGNOSTIC REAL-TIME MONITORING OF TELECOMMUNICATIONS
NETWORKS

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "VENDOR-AGNOSTIC REAL-TIME MONITORING OF TELECOMMUNICATIONS NETWORKS" for which:

☐ 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 March 24, 2023 and was given U.S. Serial No. 18/190,009 or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Perkins Coie LLP, who are associated with customer number 132482, 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 98006 (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each Assignor, 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;

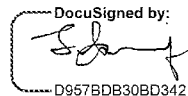
And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

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.

April 5, 2023

Date

DocuSigned by:

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/ Raja Joseph Augustin /

April 5, 2023

Date

/  /
BBAA4907DC05431...
Shawn P. Burkit

April 10, 2023

Date

DocuSigned by:
Yaqing Guo
948A75BBAAE4460...
/ Yaqing Guo /

April 5, 2023

Date

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Brett Hadden
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Brett Hadden

April 5, 2023

Date

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Jason R. Hood

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Jason R. Hood

April 5, 2023

Date

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6DF9D64932454FA...
/ Yun Hong Lee /

April 6, 2023

Date

/  /
Sanath Raj

April 26, 2023

Date

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/ *Saikumaar Venkatasubramaniam* /
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Saikumaar Venkatasubramaniam

April 7, 2023

Date

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Krishna Vennamaneni
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Krishna K. Vennamaneni

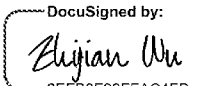
April 6, 2023

Date

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Daniel F. Villa
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/ Daniel F. Villa /

April 6, 2023

Date

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/ 2EFB0F98FFAC4FD... /
Zhijian Wu