

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NIRMAL CHANDRASEKARAN	04/25/2023
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:	18308655
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	031419.8563.US04
NAME OF SUBMITTER:	PAMELA BAUMGART
SIGNATURE:	/Pamela Baumgart/
DATE SIGNED:	04/28/2023
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, Nirmal Chandrasekaran residing at Hillsborough, NJ (hereinafter called "Assignors") has made certain new and useful inventions or discoveries relating to

LOCATION CLUSTERING AND ROUTING FOR 5G DRIVE TESTING

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "LOCATION CLUSTERING AND ROUTING FOR 5G DRIVE TESTING" 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 April 27, 2023 and was given U.S. Serial No. 18/308,655; 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 25, 2023

Date

DocuSigned by:
Nirmal Chandrasekaran
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Nirmal Chandrasekaran