506642763 05/03/2021

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6689573

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG SUNG YOON	01/18/2018
JIE HUI	01/18/2018
DANIEL HOWARD WILSON	01/18/2018
THOMAS P. LUCHT	01/18/2018
ANTOINE T. TRAN	01/18/2018

RECEIVING PARTY DATA

Name:	T-MOBILE USA, INC.	
Street Address:	12920 SE 38TH STREET	
City:	BELLEVUE	
State/Country:	WASHINGTON	
Postal Code:	98006-1350	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17227153

CORRESPONDENCE DATA

Fax Number: (509)323-8979

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: 509-324-9256

Email: shani@leehayes.com **Correspondent Name:** LEE & HAYES PC

601 W RIVERSIDE AVE, SUITE 1400 Address Line 1: Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	TM2-0532USC1	
NAME OF SUBMITTER:	SHANI HOKE	
SIGNATURE:	/Shani D Hoke/	
DATE SIGNED:	05/03/2021	

Total Attachments: 2 source=2HG0596#page1.tif

> **PATENT** REEL: 056119 FRAME: 0845 506642763

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PATENT REEL: 056119 FRAME: 0846

ASSIGNMENT

WHEREAS, Jong Sung Yoon, Jie Hui, Daniel Howard Wilson, Thomas P. Lucht, and Antoine T. Tran, residing at Sammamish, Washington, Mercer Island, Washington, Puyallup, Washington, Seattle, Washington, and Bellevue, Washington, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

USER EQUIPMENT INCLUDING SPECTRUM ANALYZER, AND NETWORK DEVICE

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;

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PATENT REEL: 056119 FRAME: 0847 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.

1/19/18	145 = 1
Date	Jong Sung Yoon
[/18/18	The Manney
Date	Jie Hui
1/18/18	QU
Date	Daniel Howard Wilson
1/18/18	Mon W
Date	Thomas P. Lucht
01/18/20/8	<u>Done</u>
Date	Antoine T. Tran