

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4221109

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	T-MOBILE SUBSIDIARY IV CORPORATION	01/03/2017
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: 5		
Property Type	Number	
Patent Number:	D586818	
Application Number:	60888126	
Application Number:	12026459	
Application Number:	60888130	
Application Number:	60888132	
CORRESPONDENCE DATA		
Fax Number:	(509)944-4692	
<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>		
Phone:	509-324-9256	
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ATTORNEY DOCKET NUMBER:	TM2-0310US	
NAME OF SUBMITTER:	LYNNE MAHAN	
SIGNATURE:	/Lynne Mahan/	
DATE SIGNED:	01/11/2017	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, T-MOBILE SUBSIDIARY IV CORPORATION, a corporation of the State of Delaware, having a principal place of business at 12920 SE 38th Street, Bellevue, Washington 98006 (hereinafter referred to as ASSIGNOR), owns an interest in Letters Patent of the United States, referenced in Schedule A attached hereto (the "Patents").

AND, WHEREAS, T-MOBILE USA, INC., a corporation of the State of Delaware, having a principal place of business at 12920 SE 38th Street, Bellevue, Washington 98006 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right and title to and interest in the invention(s) disclosed in said Patents;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, and transfer unto ASSIGNEE its entire right and title to and interest in said Patents and said invention(s), including the right to apply for patents thereon in foreign countries in the name of ASSIGNEE, said invention(s) and all applications and patents on said invention(s) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment and transfer not been made, and ASSIGNOR does hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention(s), to enforce any and all patents on said invention(s), and to confirm in ASSIGNEE legal title to said invention(s) and all applications and patents on said invention(s), all without charge to ASSIGNEE but at no expense to ASSIGNOR.

Executed at Bellevue (city), WA (state), this 3 day of January, 2018.

T-MOBILE SUBSIDIARY IV CORPORATION

By: [Signature]

Printed Name: Lauren Venezia

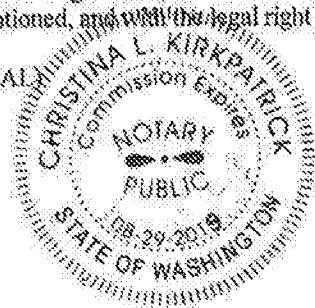
Title: SVP, Legal Affairs

STATE OF WASHINGTON)

COUNTY OF King) ss.

On this 3 day of January, 2018, the party executing this instrument personally appeared before me, to me known or proven to be the individual named above who executed the within and foregoing instrument, and acknowledged that the individual signed the same as a free and voluntary act and deed, for the uses and purposes therein mentioned, and with the legal right to bind the ASSIGNOR identified above to this instrument.

(SEAL)



Signature

Christina Kirkpatrick

Typed or Printed Name of Notary Public

Notary Public in and for the State of Washington

Residing at Bellevue WA

My commission expires _____

SCHEDULE A
List of Patents

Patent Number	Issue Date	Application Number	Filing Date	Title	Status
D586,818	2/17/2009	29/276,770	2/5/2007	COMPUTER DISPLAY WITH CUSTOMER SPECIFIC TRANSPORT NETWORK PERFORMANCE USER INTERFACE	Issued
		60/888,126	2/5/2007	SELF OPTIMIZING MICROWAVE NETWORK PLANNER	Expired
		12/026,459	2/5/2008	AUTOMATED MICROWAVE NETWORK PLANNER	Abandon
		60/888,130	2/5/2007	METHOD AND APPARATUS FOR CALCULATING REAL-TIME CIRCUIT AVAILABILITY ON TRANSPORT NETWORKS	Expired
		60/888,132	2/5/2007	METHOD AND APPARATUS FOR A CUSTOMER-SPECIFIC TRANSPORT NETWORK PERFORMANCE DASHBOARD	Expired