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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
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		Name			Execution	Date
YAN KALEPU					04/05/2017	
IJAUR MUFTI					04/05/2017	
	ГА					
ie:	T-MOBILE USA, INC.					
et Address:	12920 SE 38TH STREET					
:	BELLEVUE					
e/Country:	WASHINGTON					
tal Code:	98006					
lication Number:	1625	51049				
Property Type Application Number: 1		Number 251049				
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RESPONDENCE D/ Number:		\$\250.7109				
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1635 Lille 4.	SEA	TILE, WASHINGTON 96111				
ATTORNEY DOCKET NUMBER:		031419-8145.US03				
NAME OF SUBMITTER:		PAMELA BAUMGART				
SIGNATURE:		/Pamela Baumgart/				
SIGNED:		02/14/2019				
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Patent Assignment T-Mobile File No. 30-00616USORD OC Ref. No. 031419-8145.US01

ASSIGNMENT

WHEREAS, Kalyan Kalepu, and Shujaur Mufti, residing at Sammamish, WA, and Snoqualmie, WA, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

SPI HANDLING BETWEEN UE AND P-CSCF IN AN IMS NETWORK

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SPI HANDLING BETWEEN UE AND P-CSCF IN AN IMS NETWORK" for which:

a provisional application for United States Letters Patent was filed on October 31, 2014 and was given U.S. Serial No. 62/073,866; and

∑ a non-provisional application for United States Letters Patent was filed on June 2, 2015 and was given U.S. Serial No. 14/729,025.

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 applications whose identification above by serial number and filing date, when available is hereby authorized, and in and to said applications, 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 Assignce or its representatives any facts known to them relating to said inventions and discoveries.

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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.

4/5/12

Malyc

Date

Kalyan Kalepu

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4/5/17

Date

Shujaur Mufti