

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6183135

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ULAS CAN KOZAT	02/06/2020
GEORGIOS PASCHOS	05/12/2020
KAIPPALLIMALIL MATHEW JOHN	02/06/2020
KHOSROW TONY SABOORIAN	02/06/2020
YIJUN YU	02/12/2020
ANTHONY C.K. SOONG	06/18/2020
ZHIXIAN XIANG	06/04/2020
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16788097
CORRESPONDENCE DATA	
Fax Number:	(972)732-9218
<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:	(972)732-1001
Email:	docketing@slatermatsil.com
Correspondent Name:	SLATER MATSIL, LLP
Address Line 1:	17950 PRESTON ROAD
Address Line 2:	SUITE 1000
Address Line 4:	DALLAS, TEXAS 75252
ATTORNEY DOCKET NUMBER:	HW 85586764US05
NAME OF SUBMITTER:	JULIETTE PARSONS
SIGNATURE:	/Juliette Parsons/

PATENT

DATE SIGNED:	07/02/2020
---------------------	------------

Total Attachments: 8

- source=HW 85586764US05 - Assignment as filed#page1.tif
- source=HW 85586764US05 - Assignment as filed#page2.tif
- source=HW 85586764US05 - Assignment as filed#page3.tif
- source=HW 85586764US05 - Assignment as filed#page4.tif
- source=HW 85586764US05 - Assignment as filed#page5.tif
- source=HW 85586764US05 - Assignment as filed#page6.tif
- source=HW 85586764US05 - Assignment as filed#page7.tif
- source=HW 85586764US05 - Assignment as filed#page8.tif

ASSIGNMENT

WHEREAS, I/We, the undersigned inventor(s) (or one of the undersigned joint inventors), of residence as listed below, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, Huawei Technologies Co., Ltd. ("Assignee"), a corporation organized and existing under the laws of China, having a principal place of business at Huawei Administration Building, Bantian, Longgang, Shenzhen, Guangdong, 518129 China, is desirous of acquiring my/our entire right, title and interest in the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we will assign, and hereby assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive right, title and interest in and to the invention in the United States and every other country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisional, reissues, reexaminations, National Phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every other country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner for Patents to issue U.S. patents for said invention, or patent resulting therefrom, insofar as my/our interest is concerned, to the Assignee agreeably with the terms of this assignment document.

I/we also hereby agree to sell and to assign, and sell and assign to Assignee, its successors and assigns, my/our international rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of any International Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I/we hereby further agree that I/we will communicate to Assignee, or its successors, assigns, and legal representative, any facts known to me/us respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all documents required for divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid such Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said

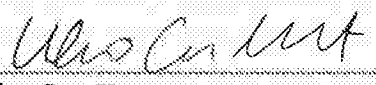
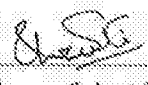
ASSIGNMENT

invention in all countries.

I/we hereby authorize Assignee to modify this Assignment at a later date for the purpose of adding information to better identify the invention, such as the application serial number, and filing date of a patent application filed thereon.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

Title of Invention	Apparatus, System and Method for Traffic Data Management in Wireless Communications	
	Appl. No.	Filing Date:

Signature of Inventor:		
Inventor Name:	Ulas Can Kozat	Date 2/6/2020
Residence (City/State):	Mountain View, CA	
Signature of Witness:		
Witness Name:	SHRUTI SANADHYA	Date 2/6/2020
Residence (City/State):	SUNNYVALE, CA	

Signature of Inventor:		
Inventor Name:	Georgios S. Paschos	Date
Residence (City/State):	Boulogne-Billancourt, France	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Kaippallimalil Mathew John	Date
Residence (City/State):	Carrollton, TX	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

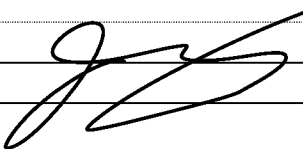
ASSIGNMENT


invention in all countries.

I/we hereby authorize Assignee to modify this Assignment at a later date for the purpose of adding information to better identify the invention, such as the application serial number, and filing date of a patent application filed thereon.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

Title of Invention	<i>Apparatus, System and Method for Traffic Data Management in Wireless Communications</i>	
	Appl. No.	Filing Date:

Signature of Inventor:		
Inventor Name:	Ulas Can Kozat	Date
Residence (City/State):	Mountain View, CA	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Georgios S. Paschos	Date 12.05.20
Residence (City/State):	Boulogne-Billancourt, France	
Signature of Witness:	<i>I, Konstanlina Ntountoumi, wife of Georgios, certify that Georgios signed this document on 12.05.20 in Kirchberg, Luxembourg</i>	
Witness Name:		
Residence (City/State):		
		

Signature of Inventor:		
Inventor Name:	Kaippallimalil Mathew John	Date
Residence (City/State):	Carrollton, TX	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

ASSIGNMENT

invention in all countries.


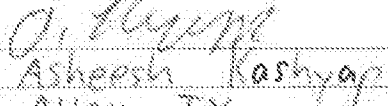
I/we hereby authorize Assignee to modify this Assignment at a later date for the purpose of adding information to better identify the invention, such as the application serial number, and filing date of a patent application filed thereon.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

Title of Invention	<i>Apparatus, System and Method for Traffic Data Management in Wireless Communications</i>	
	Appl. No.	Filing Date:

Signature of Inventor:		
Inventor Name:	<u>Ulas Can Kozat</u>	Date
Residence (City/State):	<u>Mountain View, CA</u>	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	<u>Georgios S. Paschos</u>	Date
Residence (City/State):	<u>Boulogne-Billancourt, France</u>	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:			
Inventor Name:	<u>Kalpallimath Mathew John</u>	Date	<u>02/06/2020</u>
Residence (City/State):	<u>Carrollton, TX</u>		
Signature of Witness:			
Witness Name:	<u>Asheesh Kashyap</u>	Date	<u>02/06/2020</u>
Residence (City/State):	<u>Allen, TX</u>		

ASSIGNMENT

Signature of Inventor: [Signature] Date 2/6/2020
Inventor Name: Khosrow Tony Saboorian Date _____
Residence (City/State): Plano, TX

Signature of Witness: [Signature] Date 2/6/2020
Witness Name: Ashesh Kashyap Date _____
Residence (City/State): Allen, TX

Signature of Inventor: _____
Inventor Name: Yijun Yu Date _____
Residence (City/State): Shenzhen, China

Signature of Witness: _____
Witness Name: _____ Date _____
Residence (City/State): _____

Signature of Inventor: _____
Inventor Name: Anthony C.K. Soong Date _____
Residence (City/State): Plano, TX

Signature of Witness: _____
Witness Name: _____ Date _____
Residence (City/State): _____

Signature of Inventor: _____
Inventor Name: Zhixian Xiang Date _____
Residence (City/State): Frisco, TX

Signature of Witness: _____
Witness Name: _____ Date _____
Residence (City/State): _____

ASSIGNMENT

Signature of Inventor: _____		
Inventor Name:	Khosrow Tony Saboorian	Date _____
Residence (City/State):	Plano, TX	
Signature of Witness: _____		
Witness Name:		Date _____
Residence (City/State):		

Signature of Inventor: <i>Yijun Yu</i>		
Inventor Name:	Yijun Yu	Date 02/12/2020
Residence (City/State):	Shenzhen, China	
Signature of Witness: <i>Longyu Cao</i>		
Witness Name:	Longyu Cao	Date 02/12/2020
Residence (City/State):	Shenzhen, China	

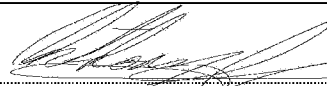
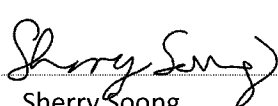
Signature of Inventor: _____		
Inventor Name:	Anthony C.K. Soong	Date _____
Residence (City/State):	Plano, TX	
Signature of Witness: _____		
Witness Name:		Date _____
Residence (City/State):		

Signature of Inventor: _____		
Inventor Name:	Zhixian Xiang	Date _____
Residence (City/State):	Frisco, TX	
Signature of Witness: _____		
Witness Name:		Date _____
Residence (City/State):		

ASSIGNMENT

Signature of Inventor:		
Inventor Name:	Khosrow Tony Saboorian	Date
Residence (City/State):	Plano, TX	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Yijun Yu	Date
Residence (City/State):	Shenzhen, China	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Anthony C.K. Soong	Date June 18, 2020
Residence (City/State):	Plano, TX	
Signature of Witness:		
Witness Name:	Sherry Soong	Date June 18, 2020
Residence (City/State):	Plano, TX	

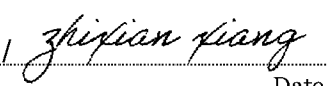
Signature of Inventor:		
Inventor Name:	Zhixian Xiang	Date
Residence (City/State):	Frisco, TX	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

ASSIGNMENT

Signature of Inventor:			
Inventor Name:	Khosrow Tony Saboorian	Date	
Residence (City/State):	Plano, TX		
Signature of Witness:			
Witness Name:		Date	
Residence (City/State):			

Signature of Inventor:			
Inventor Name:	Yijun Yu	Date	
Residence (City/State):	Shenzhen, China		
Signature of Witness:			
Witness Name:		Date	
Residence (City/State):			

Signature of Inventor:			
Inventor Name:	Anthony C.K. Soong	Date	
Residence (City/State):	Plano, TX		
Signature of Witness:			
Witness Name:		Date	
Residence (City/State):			

Signature of Inventor:			
Inventor Name:	Zhixian Xiang	Date	
Residence (City/State):	Frisco, TX		
Signature of Witness:	/ Peter Yan/		
Witness Name:	Peter Yan	Date	6/4/2020
Residence (City/State):	Frisco, TX		