

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6593420

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PEYMAN YADMELLAT	02/26/2019
SEYED MASOUD NOSRATI	07/14/2020
ELMIRA AMIRLOO ABOLFATHI	11/30/2020
MOHAMMED ELMAHGIUBI	11/17/2020
YUNFEI ZHANG	02/28/2019
JUN LUO	10/30/2020
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16288771
CORRESPONDENCE DATA	
Fax Number:	(416)362-0823
<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:	4168681482
Email:	ridbee@ridoutmaybee.com
Correspondent Name:	C. WONG, RIDOUT & MAYBEE LLP
Address Line 1:	250 UNIVERSITY AVENUE, 5TH FLOOR
Address Line 4:	TORONTO, CANADA M5H 3E5
ATTORNEY DOCKET NUMBER:	50874-3291
NAME OF SUBMITTER:	CHRISTINE Y. WONG, REG NO. 62935
SIGNATURE:	/Christine Y. Wong/
DATE SIGNED:	03/10/2021

Total Attachments: 7

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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 in a way that effectively on the date that the application is filed or a priority date or priority dates that the application claims; 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,

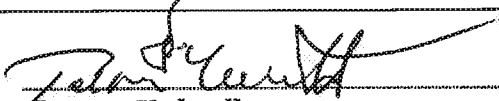

ASSIGNMENT

assigns and nominees to obtain and enforce proper patent protection for said 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	SYSTEM AND METHOD FOR HIERARCHICAL PLANNING IN AUTONOMOUS VEHICLE	
	Appl. No.	Filing Date:

Signature of Inventor:		
Inventor Name:	Peyman Yadmellat	Date Feb 26, 2019
Residence (City/State):	North York/Ontario	
Signature of Witness:		
Witness Name:	Mohsen Rohani	Date Feb 26, 2019
Residence (City/State):	Thornhill/Ontario	

Signature of Inventor:		
Inventor Name:	Seyed Masoud Nosrati	Date
Residence (City/State):	Markham/Ontario	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Elmira Amirloo Abolfathi	Date
Residence (City/State):	North York/Ontario	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

ASSIGNMENT


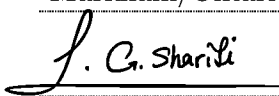
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Title of Invention	SYSTEM AND METHOD FOR HIERARCHICAL PLANNING IN AUTONOMOUS VEHICLE	
	Appl. No.	Filing Date:

Signature of Inventor:	
Inventor Name:	Peyman Yadmellat Date
Residence (City/State):	North York/Ontario
Signature of Witness:	
Witness Name:	Date
Residence (City/State):	

Signature of Inventor: 	
Inventor Name:	Seyed Masoud Nosrati Date <u>July 14th, 2020</u>
Residence (City/State):	Markham/Ontario
Signature of Witness: 	
Witness Name:	<u>Sahar Ghodushanfi</u> Date <u>July 14th, 2020</u>
Residence (City/State):	Toronto / Ontario

Signature of Inventor:	
Inventor Name:	Elmira Amirloo Abolfathi Date
Residence (City/State):	North York/Ontario
Signature of Witness:	
Witness Name:	Date
Residence (City/State):	

ASSIGNMENT

assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

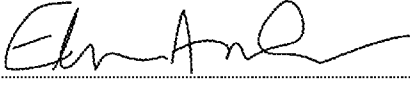
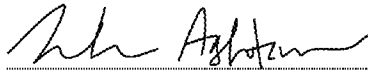
I/we hereby authorize Assignee to modify this Assignment at a later date for the purpose of adding information to better identify the invention, such as the application serial number, and filing date of a patent application filed thereon.

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

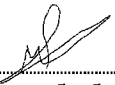
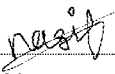
Title of Invention	SYSTEM AND METHOD FOR HIERARCHICAL PLANNING IN AUTONOMOUS VEHICLE	
	Appl. No.	Filing Date:

Signature of Inventor:	
Inventor Name:	Peyman Yadmellat Date
Residence (City/State):	North York/Ontario
Signature of Witness:	
Witness Name:	Date
Residence (City/State):	

Signature of Inventor:	
Inventor Name:	Seyed Masoud Nosrati Date
Residence (City/State):	Markham/Ontario
Signature of Witness:	
Witness Name:	Date
Residence (City/State):	

Signature of Inventor: 	
Inventor Name:	Elmira Amirloo Abolfathi Date 20201130
Residence (City/State):	North York/Ontario
Signature of Witness: 	
Witness Name:	Niloufar Ashtari Date 20201130
Residence (City/State):	Oakville, Ontario

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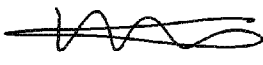
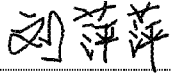
Signature of Inventor:		
Inventor Name:	Mohammed Elmahgiubi	Date 17/11/2020
Residence (City/State):	Richmond Hill/Ontario	
Signature of Witness:		
Witness Name:	Nasif Nayeer	Date 17/11/2020
Residence (City/State):	Toronto/ON	

Signature of Inventor:		
Inventor Name:	Yunfei Zhang	Date
Residence (City/State):	Aurora/Ontario	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Jun Luo	Date
Residence (City/State):	Toronto/Ontario	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

ASSIGNMENT

Signature of Inventor:		
Inventor Name:	Mohammed Elmahgiubi	Date
Residence (City/State):	Richmond Hill/Ontario	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

Signature of Inventor:		
Inventor Name:	Yunfei Zhang	Date Feb 28, 2019
Residence (City/State):	Aurora/Ontario	
Signature of Witness:		
Witness Name:	Pingping Liu	Date Feb 28, 2019
Residence (City/State):	Markham, ON	

Signature of Inventor:		
Inventor Name:	Jun Luo	Date
Residence (City/State):	Toronto/Ontario	
Signature of Witness:		
Witness Name:		Date
Residence (City/State):		

ASSIGNMENT

Signature of Inventor:

Inventor Name:

Mohammed Elmahgiubi

Date

Residence (City/State):

Richmond Hill/Ontario

Signature of Witness:

Witness Name:

Date

Residence (City/State):

Signature of Inventor:

Inventor Name:

Yunfei Zhang

Date

Residence (City/State):

Aurora/Ontario

Signature of Witness:

Witness Name:

Date

Residence (City/State):

Signature of Inventor:

Inventor Name:

Jun Luo

Date

October 30, 2020

Residence (City/State):

Toronto/Ontario

Signature of Witness:

Witness Name:

Rong Tao

Date

October 30, 2020

Residence (City/State):

Toronto/Ontario