PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7093466

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VADIM ANDREEVICH REVUTSKII	12/23/2021
JIE JIN	03/26/2021
OLEG FEAT'EVICH KURMAEV	03/26/2021
ALEKSEI EDUARDOVICH MAEVSKII	03/26/2021

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	Huawei Administration Building	
Internal Address:	Bantian, Longgang District	
City:	Shenzhen	
State/Country:	CHINA	
Postal Code:	518129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16832697

CORRESPONDENCE DATA

Fax Number: (972)731-2289

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: 972-731-2288

Email: dallaspatents@dfw.conleyrose.com

Correspondent Name: GRANT RODOLPH

Address Line 1: 4965 PRESTON PARK BOULEVARD, SUITE 195E

Address Line 4: PLANO, TEXAS 75093

ATTORNEY DOCKET NUMBER:	4747-38900 (85570417US05)
NAME OF SUBMITTER:	NIDHI BANSAL
SIGNATURE:	/Nidhi Bansal/
DATE SIGNED:	12/27/2021

Total Attachments: 4

source=4747-38900_Signed_Assignment#page1.tif

PATENT REEL: 058482 FRAME: 0390

507046628

source=4747-38900_Signed_Assignment#page2.tif source=4747-38900_Signed_Assignment#page3.tif source=4747-38900_Signed_Assignment#page4.tif

> PATENT REEL: 058482 FRAME: 0391

ASSIGNMENT

WHEREAS, WE,

Vadim Andreevich Revutskii Jie Jin

Building 1/7, Altufievskoe Building 1/7, Altufievskoe Shosse, Moscow, 127106, Russia; Shosse, Moscow, 127106, Russia;

and an

Oleg Feat'evich Kurmaev

Aleksei Eduardovich Maevskii

Building 1/7, Altufievskoe

17 Krylatskaya Street, Building 2,

Shosse, Moscow, 127106, Russia; Moscow, 121614, Russia.

and

have invented and own a certain invention entitled:

Devices and methods for encoding downlink control information in a communication network for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2020-03-27, under U.S. Application No. 16832697 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign 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, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in

PATENT REEL: 058482 FRAME: 0392 In re Appln. of Revutskii et al. Attorney Docket No. <u>4747-38900</u>

making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date 23 December 2021	Gley Resulsky Vadin
	Vadim Andreevich Revutskii
Date	
	Jie Jin
Date	
	Oleg Feat'evich Kurmaev
Date	
ŧ	Aleksei Eduardovich Maevskii

In re Appln. of Revutskii et al. Attorney Docket No. <u>4747-38900</u>

making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date		
	Vadim Andreevich Revutskii	
Date March. Vo. 2021	在主	
	Jie Jin	
Date		
	Oleg Feat'evich Kurmaev	
Date		
	Aleksei Eduardovich Maevskii	

In re Appln. of Revutskii et al. Attorney Docket No. 4747-38900

making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date		
		Vadim Andreevich Revutskii
Date		
		Jie Jin
Date	March 26, 2021	
	majori ko, sezi	Oleg Feat'evich Kurmaev
Date	26/03/2021	
		Aleksei Eduardovich Maevskii