

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7612156

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FUTUREWEI TECHNOLOGIES, INC.	11/02/2021
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
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Internal Address:	BANTIAN, LONGGANG DISTRICT, GUANGDONG
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17973427
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	RONALD M. POMERENKE
SIGNATURE:	/RonaldMPomerenke#43009/
DATE SIGNED:	10/26/2022
Total Attachments: 4	
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ASSIGNMENT AGREEMENT

WHEREAS, FUTUREWEI TECHNOLOGIES, INC., a corporation of the state of Texas, located at 5700 Tennyson Parkway, Suite 600, Plano, TX 75024, hereinafter referred to as "Assignor" is the owner of the invention described and set forth in the below-identified applications for Letters Patent.

Application No.	Title of Invention	Filing Date	Country/ Receiving Office
PCT/US2020/047116	PATH SCOPE FLOODING IN IS-IS NETWORKS	20-Aug-2020	US
PCT/US2020/047119	SERVICE GROUP FLOODING IN IS-IS NETWORKS	20-Aug-2020	US
PCT/US2020/036826	SYSTEMS AND METHODS FOR DIFFERENTIATION OF SERVICE USING IN-BAND SIGNALING	9-Jun-2020	US
PCT/US2020/047908	ITERATIVE PRECODER WITH RANDOM NOISE	26-Aug-2020	US
PCT/US2019/058509	SUCCESSIVE APPROXIMATION ANALOG TO DIGITAL CONVERTER	29-Oct-2019	US
PCT/US2019/064699	SYSTEM AND METHOD OF ESTABLISHING A TRUSTED RELATIONSHIP IN A DISTRIBUTED SYSTEM	5-Dec-2019	US
PCT/US2020/012984	METHODS AND SYSTEM FOR COLLABORATIVE LOCAL POSITIONING	9-Jan-2020	US
PCT/US2020/014026	A SOCIAL INTERACTION ROBOT	17-Jan-2020	US
PCT/US2020/023289	LATENCY BASED FORWARDING OF PACKETS WITH DYNAMIC PRIORITY DESTINATION POLICIES	18-Mar-2020	US
PCT/US2020/023827	SYSTEM AND METHOD FOR MULTI-TASK LIFELONG LEARNING ON PERSONAL DEVICE WITH IMPROVED USER EXPERIENCE	20-Mar-2020	US
PCT/US2020/026201	TRANSCIEVER PHASE SHIFT FOR BEAMFORMING	1-Apr-2020	US
PCT/US2020/028476	SYSTEM AND METHOD FOR FORWARDING PACKETS IN A HIERARCHICAL NETWORK ARCHITECTURE USING VARIABLE LENGTH ADDRESSES	16-Apr-2020	US

PCT/US2020/030564	N-PHASE TRANSMITTER/RECEIVER I/Q IMBALANCE CALIBRATION	29-Apr-2020	US
PCT/US2020/030543	STATISTIC BASED CACHE PRE- FETCHER	29-Apr-2020	US
PCT/US2020/030610	TECHNIQUES FOR FAST DOT- PRODUCT COMPUTATION	30-Apr-2020	US
PCT/US2020/048244	LATENCY GUARANTEE FOR DATA PACKETS IN A NETWORK	27-Aug-2020	US
PCT/US2020/057962	DATA PACKET FORMAT TO COMMUNICATE ACROSS DIFFERENT NETWORKS	29-Oct-2020	US
PCT/US2020/052727	CONFIGURABLE STATE TRANSITION	25-Sep-2020	US
PCT/US2020/041017	DISTRIBUTED PROCESSING OF TRANSACTIONS IN A NETWORK USING TIMESTAMPS	7-Jul-2020	US
PCT/US2020/050680	APPARATUS AND METHOD FOR DUAL BRANCH PREDICTION	14-Sep-2020	US
PCT/US2020/040712	SYSTEMS AND METHODS FOR ADAPTIVE HYBRID HARDWARE PRE- FETCH	2-Jul-2020	US
PCT/US2020/047786	HARMONICS REJECTION TRANSCEIVER WITH DUTY RATIO CONTROL	25-Aug-2020	US
PCT/US2020/050691	DUAL 3-PHASE HARMONIC REJECTION TRANSCEIVER	14-Sep-2020	US
PCT/US2020/044664	SINGLE-CYCLE KULISCH ACCUMULATOR	31-Jul-2020	US
PCT/US2020/042679	LOCKSTEP PROCESSOR RECOVERY FOR VEHICLE APPLICATIONS	17-Jul-2020	US
PCT/US2020/051213	6-PHASE DIGITALLY ASSISTED HARMONIC REJECTION TRANSCEIVER USING RF INTERPOLATION	17-Sep-2020	US
PCT/US2020/055428	METHOD AND APPARATUS OF PACKET WASH FOR IN-TIME PACKET DELIVERY	13-Oct-2020	US
PCT/US2020/049078	DATA MANAGEMENT SYSTEM TO TRACK AND DISTRIBUTE PUBLIC DATA COLLECTION WITH USER PRIVACY PROTECTION AND EVENT TOKEN EXCHANGE	2-Sep-2020	US
PCT/US2020/051307	THERMAL COMPENSATION FOR RF POWER AMPLIFIER	17-Sep-2020	US

PCT/US2020/067195	TECHNIQUES FOR CALIBRATING 50% DUTY CYCLE DIFFERENTIAL FREQUENCY DOUBLER	28-Dec-2020	US
PCT/US2020/055955	CPU-GPU LOCKSTEP SYSTEM	16-Oct-2020	US
PCT/US2020/065360	SMART DEVICE WITH SWITCH TO ENABLE PRIVACY FEATURE	16-Dec-2020	US
PCT/US2020/066436	SYSTEM AND METHOD OF FEDERATED LEARNING WITH DIVERSIFIED FEEDBACK	21-Dec-2020	US
PCT/US2021/020246	GUARANTEED LATENCY BASED FORWARDING	1-Mar-2021	US
PCT/US2021/016036	SYSTEM AND METHOD OF COMMUNICATIONS USING PARALLEL DATA PATHS	1-Feb-2021	US
PCT/US2021/017615	SYSTEM AND METHOD OF SOCIAL AUTHENTICATION AND DATA SYNCHRONIZATION IN A NETWORK	11-Feb-2021	US
PCT/US2021/018614	END-TO-END SELF-CONTROLLED SECURITY IN AUTONOMOUS VEHICLES	18-Feb-2021	US
PCT/US2021/019097	MULTI-NODE NEURAL NETWORK CONSTRUCTED FROM PRE-TRAINED SMALL NETWORKS	22-Feb-2021	US
PCT/US2021/027372	ADAPTIVE SERVICE LEVEL ACCOUNTING SYSTEM	14-Apr-2021	US
PCT/US2021/019230	SECURE ACTUATION WITH IN-EAR ELECTRONIC DEVICE	23-Feb-2021	US
PCT/US2021/027373	AGREEMENT TO SERVICE POLICY TRANSLATION SYSTEM	14-Apr-2021	US
PCT/US2021/020484	SYSTEM AND METHOD FOR A FRAMELESS MODULAR ELECTRONIC DEVICE	2-Mar-2021	US
PCT/US2021/021113	ACCELERATION OF GPUS IN CLOUD COMPUTING	5-Mar-2021	US

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., a corporation of China, located at Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter referred to as "Assignee", is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted, and wherever such Letters patent and Registrations may be granted on the same;

For good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents hereby does and will

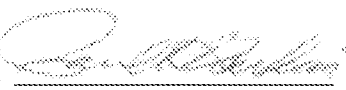
assign to Assignee all right (including the right to claim priority and the right to sue for and to recover damages for infringement by any unauthorized third party before the date of this Assignment), title, and interest in and to the invention and application (including any priority applications) and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, as well as for any division, renewal, continuation in whole or in part, substitution, conversion, reissue, reexamination, supplemental examination, prolongation or extension thereof.

Assignor further agrees that it will, with respect to the assigned and, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements or division, renewal, continuation in whole or in part, substitution, conversion, reissue, reexamination, supplemental examination, prolongation or extension thereof which may be granted thereon, in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

All matters pertaining to interpreting of the provisions of this Assignment shall be governed and construed in accordance with the laws of the State of Texas, United States of America, excluding Texas' conflict of law principles that could cause the application of the laws of any other jurisdiction.

This ASSIGNMENT AGREEMENT confirms the effective date of the Assignment to be the date that the Application is filed, or a priority date or priority dates that the application claims, whichever is earlier. This ASSIGNMENT AGREEMENT is hereby agreed by both Assignee and Assignor on the date when the Assignee signs this ASSIGNMENT AGREEMENT, or the date when the Assignor signs this ASSIGNMENT AGREEMENT, whichever is later.

For and on behalf of Assignor by:



Date: 2 November 2021

Paul Hashim
Title: Vice President, Chief Patent Counsel,
FUTUREWEI TECHNOLOGIES, INC.

For and on behalf of Assignee by:



Date: 2 Nov. 2021

Xiaojing Liu
Title: Supervisor of System Platform & Process Dept.,
HUAWEI TECHNOLOGIES CO., LTD.