508054458 08/08/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNRU LI	06/15/2022

RECEIVING PARTY DATA

Name:	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	
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State/Country:	China	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17720125

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NAME OF SUBMITTER:	BRANDT D. HOWELL
SIGNATURE:	/Brandt D. Howell/
DATE SIGNED:	08/08/2023

Total Attachments: 3

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PATENT 508054458 REEL: 064520 FRAME: 0874

Docket No.: 4824-05100

ASSIGNMENT

Assignor(s):

Junru Li

Address:

Jinritoutiao Post office, China Satellite Communications Tower, No.63, Zhichun Road, Haidian District, Beijing 100080, China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number _____("the invention"), entitled <u>Unified Neural Network In-Loop Filter Signaling</u> ("the subject application"), as filed in the U.S. non-provisional patent application, which claims priority to <u>PCT application number PCT/CN2021/087615</u>, filed on April 15, 2021; <u>PCT application number PCT/CN2021/087915</u>, filed on April 16, 2021; <u>US application number 63/176,871</u>, filed on April 19, 2021 and <u>PCT application number PCT/CN2021/088480</u>, filed on <u>April 20, 2021</u> ("the priority applications"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Beijing Zitiao Network Technology Co., Ltd., ASSIGNEE, having a place of business at 0207, 2/F, Building 4, Zijin Digital Park, Haidian District, Beijing 100190, China, is desirous of obtaining my entire right, title, and interest in, to, and under the invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose. describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part, the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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AND ASSIGNOR(S) HEREBY covenant and agree that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR(S) HEREBY further covenant and agree that ASSIGNOR(S) will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR(S) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

Junru Li
Printed Name in English
Junyu Li
Inventor's Signature
June 15, 2072
Date

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