PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.	06/15/2022

RECEIVING PARTY DATA

Name:	APOLLO INTELLIGENT DRIVING TECHNOLOGY (BEIJING) CO., LTD.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17697917

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ATTORNEY DOCKET NUMBER:	10392-2001200	
NAME OF SUBMITTER:	VICTORIA WILSON	
SIGNATURE:	/Victoria Wilson/	
DATE SIGNED:	06/22/2022	

Total Attachments: 2

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PATENT 507349609 REEL: 060281 FRAME: 0253

Attorney Docket No. 10392-2001200 Client Reference No. D-EF210333US

ASSIGNMENT

WHEREAS, BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD. of 3/F BAIDU CAMPUS, NO. 10, SHANGDI 10TH STREET, HAIDIAN DISTRICT, BEIJING 100085, CHINA, hereinafter referred to as Assignor, owns a certain invention entitled:

APPARATUS AND METHOD FOR CONVOLUTION OPERATION

for which invention an application (provisional or non-provisional) has been executed for a U.S. patent, which was filed on March 17, 2022 , under U.S. Application No.17/697,917, and is owned by Assignor,

WHEREAS, APOLLO INTELLIGENT DRIVING TECHNOLOGY (BEIJING) CO., LTD., hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

Now, Therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee the entire right, title, and interest in, to, and under the invention, the referenced patent application, and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, and the patents that may issue thereon,

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor 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 pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

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In re Appln, of JIA Attorney Docket No. 10392-2001200

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

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IN WITNESS WHEREOF, Assignor has caused one of its duly authorized officers to hereunder set his/her hand on the date shown below.

ASSIGNOR

BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.

Cui Lingling

Date <u>June 15, 2022</u>

Name: Lingling CUI

Title: Director of Patent Strategy Department Officer or Authorized Representative of Assignor

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