PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINYUE JIANG	12/25/2020
XIPENG YANG	12/25/2020
XIAO TAN	12/25/2020
HAO SUN	12/25/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17324174

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SIGNATURE:	/Ann Marie Poremba, Paralegal/
DATE SIGNED:	05/19/2021

Total Attachments: 3

DECLARATION AND ASSIGNMENT STATEMENT

As a below named inventor, I hereby declare that:

I believe I am the original joint inventor of a claimed invention in the application for which this declaration is being submitted and for which a patent is sought on the invention entitled:

> METHOD FOR TRAINING IMAGE DEPTH ESTIMATION MODEL AND METHOD FOR PROCESSING IMAGE DEPTH INFORMATION

(hereinafter referred to as INVENTION), the application of which is attached hereto unless the following is checked

(X) filed on May 19, 2021 as United States Application Number 17/324,174 , or was filed on _____ as PCT International Application, No. .

The above-identified application claims the priority of Chinese Patent Application No. 2020115465844 , entitled " METHOD FOR TRAINING IMAGE DEPTH ESTIMATION MODEL AND METHOD FOR PROCESSING IMAGE DEPTH INFORMATION " (in Chinese " 图像深度估计模型的训练方法、图像深度信息的处理方法 ") filed on December 23, 2020 .

The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby authorize the agent(s) of record in the United States to insert above the serial number and filing date of said application when known.

WHEREAS, we, JIANG, Minyue , YANG, Xipeng , TAN, Xiao and SUN, Hao (hereinafter referred to as ASSIGNORS), all having a mailing address of 2/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing, China, are the joint inventors of the INVENTION;

WHEREAS, <u>BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.</u> (hereinafter referred to as ASSIGNEE), having a usual place of business at <u>2/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing, China</u> , is desirous of acquiring the entire right, title and interest in and to the INVENTION and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said INVENTION, said application and any and all letters patent which may be granted for said INVENTION in the United States of America and its territorial possessions including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; said INVENTION, application and all letters patent on said INVENTION to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said INVENTION to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said INVENTION, for litigation regarding said letters patent, or for the purpose of protecting title to said INVENTION or letters patent therefor.

FURTHER, ASSIGNORS agree that ASSIGNORS will communicate to said ASSIGNEE or its representatives any facts known to us respecting said INVENTION, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to a continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the patent application in the United States and its territorial possessions and any reissue, re-examination or extension of said letters patent, execute all necessary assignment papers to cause any and all of said letters patents to be issued to said

ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said INVENTION in the United States and its territorial possessions.

FURTHER, ASSIGNORS and ASSIGNEE hereby authorize the agent(s) of record in the United States to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in the United States Patent and Trademark Office.

Legal Name of Inventor: JIANG,Minyue

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Signature of Inventor   Date

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