

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHIYU CHENG	04/30/2019
HAOFENG KOU	04/30/2019
YINGZE BAO	05/01/2019
RECEIVING PARTY DATA	
Name:	BAIDU USA LLC
Street Address:	1195 BORDEAUX DRIVE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16393247
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
<i>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.</i>	
Phone:	9497600404
Email:	efiling@knobbe.com
Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP
Address Line 1:	2040 MAIN STREET, 14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	INSG021.003AUS
NAME OF SUBMITTER:	KEITH M. LIM
SIGNATURE:	/Keith M. Lim/
DATE SIGNED:	05/15/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	
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source=Assignment Statement#page3.tif	

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:

HARDWARE-SOFTWARE CO-DESIGN FOR ACCELERATING DEEP LEARNING INFERENCE

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

(X) filed on April 24, 2019 as United States Application No. 16/393,247, or was filed on _____ as PCT International Application, No. _____ .

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 firm of Insight Intellectual Property Attorneys, whose full post office address is 48A Zhichun Road, 19th Floor, Beijing, 100098, China, or 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, CHENG, Zhiyu;KOU, Haofeng;BAO, Yingze (hereinafter referred to as ASSIGNORS), all having a mailing address of 1195 Bordeaux Drive, Sunnyvale, CA 94089, USA, are the joint inventors of the INVENTION;

WHEREAS, Baidu USA LLC (hereinafter referred to as ASSIGNEE), having a usual place of business at 1195 Bordeaux Drive, Sunnyvale, CA 94089, USA, 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 firm of INSIGHT

INTELLECTUAL PROPERTY LIMITED, whose full post office address is 19 A, Tower A, InDo Building, No. 48A Zhichun Road, Haidian District, Beijing, China 100098, or 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: CHENG, Zhiyu

/Zhiyu Cheng/
Signature of Inventor

April 30, 2019
Date

Legal Name of Inventor: KOU, Haofeng

/Haofeng Kou/
Signature of Inventor

April 30, 2019
Date

Legal Name of Inventor: BAO, Yingze

/Yingze Bao/
Signature of Inventor

May 1, 2019
Date