PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5984078

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHI FENG	02/25/2020
YU ZHANG	02/25/2020

RECEIVING PARTY DATA

Name:	BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.
Street Address:	3/F BAIDU CAMPUS, NO. 10, SHANGDI 10TH STREET
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16745510

CORRESPONDENCE DATA

Fax Number: (216)363-9001

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.

Phone: 216.363.9000

Email: uspto@faysharpe.com
Correspondent Name: FAY SHARPE LLP

Address Line 1: 1228 EUCLID AVENUE, 5TH FLOOR

Address Line 2: THE HALLE BUILDING
Address Line 4: CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	TORNEY DOCKET NUMBER: TIPL 200059US01	
NAME OF SUBMITTER:	SCOTT A. MCCOLLISTER	
SIGNATURE:	/smc/	
DATE SIGNED:	02/26/2020	

Total Attachments: 3

source=Executed_Assignment_TIPL_200059US01#page1.tif source=Executed_Assignment_TIPL_200059US01#page2.tif source=Executed_Assignment_TIPL_200059US01#page3.tif

PATENT 505937358 REEL: 051940 FRAME: 0855

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:

"MACHINE LEARNING TRAINING METHOD, CONTROLLER, DEVICE, SERVER, TERMINAL AND MEDIUM"

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

() filed on	as United States Application Number	
, or was filed on	as PCT International Application, No.	_

The above-identified application claims the priority of Chinese Patent Application No. 201910058366.7, entitled" MACHINE LEARNING TRAINING METHOD, CONTROLLER, DEVICE, SERVER, TERMINAL AND MEDIUM" (in Chinese "机器 学习训练方法、控制器、装置、服务器、终端和介质") filed on January 22, 2019,

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 <u>Tsingyihua Intellectual Property LLC</u>, whose full post office address is <u>Room 301 Trade Building</u>, <u>Zhaolanyuan</u>, <u>Tsinghua University</u>, <u>Qinghuayuan</u>, <u>Haidian District</u>, <u>Beijing 100084</u>, <u>China</u>, 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, <u>Zhi FENG and Yu ZHANG</u> (hereinafter referred to as ASSIGNORS), all having a mailing address of <u>3/F Baidu Campus</u>, No. 10, Shangdi 10th Street, <u>Haidian District</u>, <u>Beijing 100085</u>, <u>China</u>, are the joint inventors of the INVENTION;

1/3

PATENT REEL: 051940 FRAME: 0856

Chinese Application No.: 201910058366.7

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

LTD. (hereinafter referred to as ASSIGNEE), having a usual place of business at 3/F Baidu

Campus, No. 10, Shangdi 10th Street, Haidian District, Beijing 100085, China, 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

2/3

PATENT REEL: 051940 FRAME: 0857 US Assignment statement for US application claiming priority of Chinese Application No.: 201910058366.7

2020, 2.25

020, 2.25

1.5.72

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 Tsingyihua Intellectual Property LLC, whose full post office address is Room 301 Trade Building, Zhaolanyuan, Tsinghua University, Qinghuayuan, Haidian District, Beijing 100084, China, 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: Zhi FENG

ZhiFENG

u ZHANG

Legal Name of Inventor: Yu ZHANG

Signature of Inventor

Date

3/3