# 506065293 05/18/2020

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name       | Execution Date |
|------------|----------------|
| CAIHONG MA | 07/01/2019     |

#### **RECEIVING PARTY DATA**

| Name:             | BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD. |
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| State/Country:    | CHINA   |
| Postal Code:      | 100085  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16877427 |

#### **CORRESPONDENCE DATA**

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| NAME OF SUBMITTER:      | PETER CHEN   |
| SIGNATURE:              | /Peter Chen/ |
| DATE SIGNED:            | 05/18/2020   |

### **Total Attachments: 3**

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PATENT 506065293 REEL: 052693 FRAME: 0400

#### ASSIGNMENT STATEMENT

As a below named inventor, I hereby declare that:

I believe I am the original 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:

# "LIVING-BODY DETECTION METHOD AND APPARATUS FOR FACE, AND COMPUTER READABLE MEDIUM"

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

|            | (x) filed on May  | <u>, 18, 2020</u> as Uni | ited States Application Number   |    |
|------------|-------------------|--------------------------|----------------------------------|----|
| 16/877,427 | , or was filed on |                          | as PCT International Application | n, |
| No         |                   |                          |                                  |    |

The above-identified application claims the priority of Chinese Patent Application No. 201910419412.1, entitled "LIVING-BODY DETECTION METHOD AND APPARATUS FOR FACE, AND COMPUTER READABLE MEDIUM" (in Chinese "人脸活体检测的方法及装置、电子设备、计算机可读介质") filed on May 20, 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, I, <u>Caihong MA</u> (hereinafter referred to as ASSIGNOR), having a mailing address of <u>2/F Baidu Campus</u>, No. 10, <u>Shangdi 10th Street</u>, <u>Haidian District</u>, <u>Beijing 100085</u>, China, am the inventor of the INVENTION;

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PATENT REEL: 052693 FRAME: 0401

# WHEREAS, BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO.,

<u>LTD.</u> (hereinafter referred to as ASSIGNEE), having a usual place of business at <u>2/F Baidu Campus</u>, 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said INVENTION to ASSIGNEE. ASSIGNOR agrees 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, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or its representatives any facts known to him 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.

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US Assignment statement for US application claiming priority of Chinese Application No.: 201910419412.1

FURTHER, ASSIGNOR 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: Caihong MA |            |  |
|------------------------------------|------------|--|
| Caihong MA                         | 2019.07.01 |  |
| Signature of Inventor              | Date       |  |

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RECORDED: 05/18/2020

PATENT REEL: 052693 FRAME: 0403