

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4802231

|                                                                                                                                                                                                 |                                                                                                                                                                                                             |                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | CORRECTIVE ASSIGNMENT                                                                                                                                                                                       |                       |  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | Corrective Assignment to correct the CORRECTING RECEIVING PARTY'S NAME TO "SHANGHAI XIAOYI TECHNOLOGY CO., LTD." previously recorded on Reel 039065 Frame 0708. Assignor(s) hereby confirms the ASSIGNMENT. |                       |  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                                                                                                                                                                             |                       |  |
| <b>Name</b>                                                                                                                                                                                     |                                                                                                                                                                                                             | <b>Execution Date</b> |  |
| KONGQIAO WANG                                                                                                                                                                                   |                                                                                                                                                                                                             | 06/12/2016            |  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                                                                                                                                                                             |                       |  |
| <b>Name:</b>                                                                                                                                                                                    | SHANGHAI XIAOYI TECHNOLOGY CO., LTD.                                                                                                                                                                        |                       |  |
| <b>Street Address:</b>                                                                                                                                                                          | 6TH FLOOR, BUILDING E, CHANGTAI SQUARE, NO. 2889, JINKE ROAD                                                                                                                                                |                       |  |
| <b>Internal Address:</b>                                                                                                                                                                        | PUDONG NEW DISTRICT                                                                                                                                                                                         |                       |  |
| <b>City:</b>                                                                                                                                                                                    | SHANGHAI                                                                                                                                                                                                    |                       |  |
| <b>State/Country:</b>                                                                                                                                                                           | CHINA                                                                                                                                                                                                       |                       |  |
| <b>Postal Code:</b>                                                                                                                                                                             | 201203                                                                                                                                                                                                      |                       |  |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                                                                                                                                                                             |                       |  |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                                                                                                                                                                               |                       |  |
| <b>Application Number:</b>                                                                                                                                                                      | 15200611                                                                                                                                                                                                    |                       |  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                                                                                                                                                                             |                       |  |
| <b>Fax Number:</b>                                                                                                                                                                              | (202)408-4400                                                                                                                                                                                               |                       |  |
| <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> |                                                                                                                                                                                                             |                       |  |
| <b>Phone:</b>                                                                                                                                                                                   | 202-408-4000                                                                                                                                                                                                |                       |  |
| <b>Email:</b>                                                                                                                                                                                   | Faxserve@finnegan.com                                                                                                                                                                                       |                       |  |
| <b>Correspondent Name:</b>                                                                                                                                                                      | FINNEGAN, HENDERSON, FARABOW, GARRETT &                                                                                                                                                                     |                       |  |
| <b>Address Line 1:</b>                                                                                                                                                                          | 901 NEW YORK AVENUE, NW                                                                                                                                                                                     |                       |  |
| <b>Address Line 4:</b>                                                                                                                                                                          | WASHINGTON, D.C. 20001                                                                                                                                                                                      |                       |  |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 12894.0026-00000                                                                                                                                                                                            |                       |  |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JOYLENE TUCKER-WALKER                                                                                                                                                                                       |                       |  |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Joylene Tucker-Walker/                                                                                                                                                                                     |                       |  |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/31/2018                                                                                                                                                                                                  |                       |  |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                                                                                                                                                                                             |                       |  |
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3946035

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                              |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                                  |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                             |                       |
| <b>Name</b>                                                                                                                                                                                     |                                                             | <b>Execution Date</b> |
| KONGQIAO WANG                                                                                                                                                                                   |                                                             | 06/12/2016            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                             |                       |
| <b>Name:</b>                                                                                                                                                                                    | XIAOYI TECHNOLOGY CO., LTD.                                 |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 6TH FLOOR, BUILDING E, CHANGTAI SQUARE, NO. 2889 JINKE ROAD |                       |
| <b>City:</b>                                                                                                                                                                                    | SHANGHAI                                                    |                       |
| <b>State/Country:</b>                                                                                                                                                                           | CHINA                                                       |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 201203                                                      |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                             |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                               |                       |
| Application Number:                                                                                                                                                                             | 15200611                                                    |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                             |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (202)408-4400                                               |                       |
| <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> |                                                             |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 202-408-4000                                                |                       |
| <b>Email:</b>                                                                                                                                                                                   | chen.zang@finnegan.com                                      |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | FINNEGAN, HENDERSON, FARABOW, GARRETT &                     |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 901 NEW YORK AVENUE, NW                                     |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | WASHINGTON, D.C. 20001-4413                                 |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 12894.0026-00000                                            |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | CHEN ZANG                                                   |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Chen Zang/                                                 |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 07/01/2016                                                  |                       |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                                             |                       |
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| source=Assignment#page2.tif                                                                                                                                                                     |                                                             |                       |

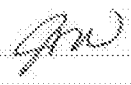
## ASSIGNMENT FOR UTILITY APPLICATION

### ASSIGNMENT:

WHEREAS I, the below named inventor, (hereinafter referred to as Assignor), of a claimed invention in an application for United States Letters Patent entitled:

#### VIDEO FINGERPRINT SYSTEM AND METHOD THEREOF

filed herewith as a United States patent application,

WHEREAS, Xiaoyi Technology Co., Ltd. Shanghai Xiaoyi Technology Co., Ltd.   
a corporation of China

whose post office address is 6/F Floor, Building E, No. 2889 Jinke Road  
Pudong New District, Shanghai, 201203, China

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this, or any subsequent, patent applications;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, including this provisional application, filed herewith, and any nonprovisional applications and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of this provisional application, as well as all rights to claim priority on the basis of this provisional application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

(Worldwide Rights)  
12894.0026-00000

IN TESTIMONY WHEREOF, I have hereunto set my hands.

|                                                                                                        |                                       |                        |
|--------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------|
| 1. FULL NAME OF SOLE OR FIRST ASSIGNOR<br>汪孔桥 (Kongqiao WANG)                                          | ASSIGNOR'S SIGNATURE<br>Kongqiao WANG | DATE<br>2016.6.12      |
| ADDRESS<br>6/F Floor, Building E, No. 2889 Jinke Road,<br>Pudong New District, Shanghai, 201203, China |                                       | CITIZENSHIP<br>CHINESE |
|                                                                                                        |                                       |                        |