### PATENT ASSIGNMENT COVER SHEET

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>QINGXIANG LI</td>
<td>08/22/2014</td>
</tr>
<tr>
<td>ROBERT W. SCHLUB</td>
<td>08/18/2014</td>
</tr>
<tr>
<td>ERIK G. DE JONG</td>
<td>08/18/2014</td>
</tr>
<tr>
<td>YUEHUI OUYANG</td>
<td>08/25/2014</td>
</tr>
<tr>
<td>SIWEN YONG</td>
<td>08/19/2014</td>
</tr>
<tr>
<td>MIROSLAV SAMARDZIJA</td>
<td>08/21/2014</td>
</tr>
<tr>
<td>YIREN WANG</td>
<td>08/19/2014</td>
</tr>
<tr>
<td>JIANG ZHU</td>
<td>08/18/2014</td>
</tr>
</tbody>
</table>

**RECEIVING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>Apple Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>1 Infinite Loop</td>
</tr>
<tr>
<td>City</td>
<td>Cupertino</td>
</tr>
<tr>
<td>State/Country</td>
<td>CALIFORNIA</td>
</tr>
<tr>
<td>Postal Code</td>
<td>95014</td>
</tr>
</tbody>
</table>

**PROPERTY NUMBERS**

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>14468217</td>
</tr>
</tbody>
</table>

**CORRESPONDENCE DATA**

Fax Number: (415)837-0651

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.

Email: tishihara@treyzlawgroup.com

Correspondent Name: TIFFANY ISHIHARA

Address Line 1: 870 MARKET, SUITE 984

Address Line 4: SAN FRANCISCO, CALIFORNIA 94102

**ATTORNEY DOCKET NUMBER:** P24195US1

**NAME OF SUBMITTER:** TIFFANY R. ISHIHARA

**SIGNATURE:** /Tiffany R. Ishihara/

**DATE SIGNED:** 08/25/2014
ASSIGNMENT

WHEREAS, We, Qingxiang Li, Robert W. Schlub, Erik G. de Jong, Yuehui Ouyang, Siwen Yong, Miroslav Samardzija, Yiren Wang, and Jiang Zhu, residing respectively in Mountain View, California, Cupertino, California, San Francisco, California, Sunnyvale, California, Santa Clara, California, Mountain View, California, San Jose, California, and Mountain View, California, have made an invention entitled:

ELECTRONIC DEVICE WITH PERIPHERAL DISPLAY ANTENNA

and

(1) are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on (_____________) under Application No. (_____________), in connection with which we hereby authorize and request the assignee’s attorneys associated with Customer Number 65015 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;
NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar ($1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

8/22/2014
Date
Qingxiang Li

Date
Robert W. Schlub

Date
Erik G. de Jong

Date
Yuehui Ouyang

Date
Siwen Yong

AUG 21, 2014
Date
Miroslav Samardzija

8/19/2014
Date
Yiren Wang

Date
Jiang Zhu
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

<table>
<thead>
<tr>
<th>Date</th>
<th>Qingxiang Li</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/18/2014</td>
<td>Robert W. Schlub</td>
</tr>
<tr>
<td>Date</td>
<td>Erik G. de Jong</td>
</tr>
<tr>
<td>Date</td>
<td>Yuehui Ouyang</td>
</tr>
<tr>
<td>Date</td>
<td>Siwen Yong</td>
</tr>
<tr>
<td>Date</td>
<td>Miroslav Samardzija</td>
</tr>
<tr>
<td>Date</td>
<td>Yiren Wang</td>
</tr>
<tr>
<td>Date</td>
<td>Jiang Zhu</td>
</tr>
</tbody>
</table>
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date ___________________________ Qingxiang Li

Date ___________________________ Robert W. Schlub

Aug 18, 2014 ___________________________ Erik G. de Jong

Date ___________________________ Yuehui Ouyang

Date ___________________________ Siwen Yong

Date ___________________________ Miroslav Samardzija

Date ___________________________ Yiren Wang

Date ___________________________ Jiang Zhu
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

_________________________  ____________________________
Date  Qingxiang Li

_________________________  ____________________________
Date  Robert W. Schlub

_________________________  ____________________________
Date  Erik G. de Jong

08/25/2014

_________________________  ____________________________
Date  Yuehui Ouyang

_________________________  ____________________________
Date  Siwen Yong

_________________________  ____________________________
Date  Miroslav Samardzija

_________________________  ____________________________
Date  Yiren Wang

_________________________  ____________________________
Date  Jiang Zhu
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

__________________________  ____________________________
Date  Qingxiang Li

__________________________  ____________________________
Date  Robert W. Schlub

__________________________  ____________________________
Date  Erik G. de Jong

__________________________  ____________________________
Date  Yuehui Ouyang

__________________________  ____________________________
Date  Siwen Yong

__________________________  ____________________________
Date  Miroslav Samardzija

__________________________  ____________________________
Date  Yiren Wang

08/18/2014

__________________________  ____________________________
Date  Jiang Zhu