

## PATENT ASSIGNMENT COVER SHEET

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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>
YANNICK L. SIERRA	05/29/2017
PER LOVE HORNQUIST ASTRAND	05/29/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLE INC.
<b>Street Address:</b>	1 INFINITE LOOP
<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15619519
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	assignment@adelillp.com
<b>Correspondent Name:</b>	ADELI LLP
<b>Address Line 1:</b>	11859 WILSHIRE BLVD.
<b>Address Line 2:</b>	SUITE 408
<b>Address Line 4:</b>	LOS ANGELES, CALIFORNIA 90025
<b>ATTORNEY DOCKET NUMBER:</b>	APLE.P0761
<b>NAME OF SUBMITTER:</b>	NATHANIEL ROSS
<b>SIGNATURE:</b>	/Nathaniel Ross/
<b>DATE SIGNED:</b>	06/11/2017
<b>Total Attachments: 1</b>	
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**ASSIGNMENT**

WHEREAS, we, **Lei Wei**, residing in **Cupertino, California**, **Yannick L. Sierra**, residing in **San Francisco, California**, **Per Love Hornquist Astrand**, residing in **Emerald Hills, California**, have made an invention entitled: **Diversification of Public Keys** and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office concurrently with this assignment, said application identified by the names of each inventor and the title of the invention indicated above; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application, and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are 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 nonprovisional patent application claiming the benefit thereof and any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said Patent Application; 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; 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 date(s) indicated hereinafter:

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Lei Wei

Date: 2017-05-24

Signature: \_\_\_\_\_

Yannick L. Sierra

Date: 2017-05-24

Signature: \_\_\_\_\_

Per Love Hornquist Astrand