503986713 08/31/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARIO MARTINIS	08/31/2016
CARLO DI NALLO	08/25/2016
JAYESH NATH	08/30/2016
YI JIANG	08/25/2016
JIANGFENG WU	08/25/2016
LIJUN ZHANG	08/25/2016
SIWEN YONG	08/25/2016
MATTIA PASCOLINI	08/30/2016
ZHEYU WANG	08/25/2016
EDUARDO JORGE DA COSTA BRAS LIMA	08/30/2016

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15253374

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JILLIAN BAUMAN

PATENT 503986713 REEL: 039606 FRAME: 0664

SIGNATURE:	/Jillian Bauman/
DATE SIGNED:	08/31/2016
Total Attachments: 3	
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PATENT REEL: 039606 FRAME: 0665

ASSIGNMENT

WHEREAS, We, Mario Martinis, Carlo Di Nallo,
Jayesh Nath, Yi Jiang, Jiangfeng Wu, Lijun Zhang, Siwen
Yong, Mattia Pascolini, Zheyu Wang, and Eduardo Jorge Da
Costa Bras Lima, residing respectively in Cupertino,
California, San Carlos, California, Milpitas, California,
Cupertino, California, Santa Clara, California, San Jose,
California, Santa Clara, California, San Francisco,
California, Sunnyvale, California, and Sunnyvale,
California, have made an invention entitled:

ELECTRONIC DEVICE ANTENNAS WITH HARMONIC RESONANCES

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	ıe
assignee's attorneys associated with Customer Number 650)15
to insert within the foregoing parentheses the filing da	ate
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

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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

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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.

08/31/2016	fun fiction
Date	Mario Martinis
08-25-2016 Date	Lela De Alda
Date	Carlo Di Nallo
Avg 30,2016	Jayesh Nath
Date	Jayesh Nath
08/25/2016	Yi Jiang
Date	Yi Jiang Y
08/25/2016 Date	Jiangfeng W Wu
08/25/2016 Date	200
Date	Lijun Zhang
(25/2011) Date	
Date	Siwen Yong
8/30/2016 Date	100
Date	Mattia Pascolini
-8/15/W6	78
' bate	Zheyu Wang
8/30/2016	etal h
Date	Eduardo Jorge Da Costa Bras

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Lima