504950252 06/07/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMONE PAULOTTO	06/06/2018
JENNIFER M. EDWARDS	06/06/2018
HARISH RAJAGOPALAN	06/06/2018
BILGEHAN AVSER	06/07/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16002941

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.

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VICTORIA AVALOS Correspondent Name: Address Line 1: 870 MARKET, SUITE 984

Address Line 4: SAN FRANCISCO, CALIFORNIA 94102

ATTORNEY DOCKET NUMBER:	P37957US1
NAME OF SUBMITTER:	VICTORIA AVALOS
SIGNATURE: /Victoria Avalos/	
DATE SIGNED:	06/07/2018

Total Attachments: 4

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> **PATENT** REEL: 046020 FRAME: 0555 504950252

ASSIGNMENT

WHEREAS, We, Simone Paulotto, Jennifer M. Edwards, Harish Rajagopalan, and Bilgehan Avser, residing respectively in Redwood City, California, San Francisco, California, San Jose, California, and Mountain View, California, have made an invention entitled:

ELECTRONIC DEVICE ANTENNA ARRAYS MOUNTED AGAINST A DIELECTRIC LAYER

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 Apple Park Way, 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

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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.

Simone Paulotto

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06/06/2018	
Date	Jennifer M. Edwards
06/06/18	Rayer
Date	Harish Rajagopalan
Date	Bilgehan Avser

P37957US1

Date

Date

Date

Harish Rajagopalan

O6/03/2018

Date

Date

Date