# 505675794 09/17/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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DIMITRIOS PAPANTONIS	08/29/2019
JAYESH NATH	08/29/2019
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MARIO MARTINIS	09/05/2019
MATTIA PASCOLINI	08/30/2019
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REX T. EHMAN	09/03/2019

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16563703

#### **CORRESPONDENCE DATA**

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PATENT 505675794 REEL: 050400 FRAME: 0632

SIGNATURE:	/Kierstin Fowler/
DATE SIGNED:	09/17/2019
Total Attachments: 11	
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PATENT REEL: 050400 FRAME: 0633

# ASSIGNMENT

WHEREAS, We, Eduardo Jorge Da Costa Bras Lima, Andrea Ruaro, Dimitrios Papantonis, Jayesh Nath, Jiaxiao Niu, Mario Martinis, Mattia Pascolini, Michael R. Parker, and Rex T. Ehman, residing respectively in Sunnyvale, California, Campbell, California, Cupertino, California, Milpitas, California, Shanghai, China, Cupertino, California, San Francisco, California, Santa Cruz, California, and San Jose, California, have made an invention entitled:

ELECTRONIC DEVICES HAVING EXTENDED ANTENNA GROUNDING RINGS 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	е
assignee's attorneys associated with Customer Number 650	15
to insert within the foregoing parentheses the filing da	te
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 One Apple Park Way, Cupertino,

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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.

08/30//9

Eduardo Jorge Da Costa Bras Lima

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

29 - Aug - 2-19 Date

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

08/29/2019

Date

Dimitrios Papantonis

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

Date

Jayesh Nath

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

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Date

Juaxrao N

Jiaxiao Niu

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

9/5/2019

Date

Mario Martinis

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

9/30/2019 Date

Mattia/Pascolini

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

Sept. 17, 2019

Date

Michael R. Parker

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

3/9/209 Date

Rex T. Ehman