

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOFANG MU	11/09/2021
ANNIE MANUJA	11/12/2021
CHRISTOPHER D. GUICHET	11/10/2021
ERIK G. DE JONG	11/09/2021
JORGE L. RIVERA ESPINOZA	11/09/2021
PATRICK J. CROWLEY	11/09/2021
STEVEN C. ROACH	11/09/2021
VENKATESH RAJENDRAN	11/09/2021
WILLIAM C. LUKENS	11/11/2021
WOOJIN JUNG	11/09/2021
YUE CHEN	11/09/2021
ZHIWEI GU	11/09/2021
DEREK IWAMOTO	11/18/2021
SIDDHARTH NANGIA	11/09/2021
SCOTT D. MORRISON	11/09/2021
KEVIN A. KLENK	11/10/2021
NEELOY ROY	11/09/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17544262

CORRESPONDENCE DATA**Fax Number:**

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

PATENT

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: esemo@treyzlawgroup.com
Correspondent Name: G. VICTOR TREYZ
Address Line 1: 6501 E. GREENWAY PKWY #103-621
Address Line 4: SCOTTSDALE, ARIZONA 85254

ATTORNEY DOCKET NUMBER: P53264US1

NAME OF SUBMITTER: EMMA SEMO

SIGNATURE: /Emma Semo/

DATE SIGNED: 12/09/2021

Total Attachments: 19

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A S S I G N M E N T

WHEREAS, We, Xiaofang Mu, Annie Manuja, Christopher D. Guichet, Erik G. de Jong, Jorge L. Rivera Espinoza, Patrick J. Crowley, Steven C. Roach, Venkatesh Rajendran, William C. Lukens, Woojin Jung, Yue Chen, Zhiwei Gu, Derek Iwamoto, Siddharth Nangia, Scott D. Morrison, Kevin A. Klenk, and Neeloy Roy, residing respectively in Cupertino, California, Sunnyvale, California, Mountain View, California, San Francisco, California, San Jose, California, San Jose, California, Martinez, California, San Jose, California, San Francisco, California, San Mateo, California, San Jose, California, Cupertino, California, Sunnyvale, California, San Francisco, California, Austin, Texas, Sunnyvale, California, and San Francisco, California, have made an invention entitled:

WIRELESS COMMUNICATION DEVICES

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 One 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 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.

09-Nov-2021

Date



Xiaofang Mu

P53264US1

12-Nov-2021


Date

Am
/ Annie Manuja /

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10-Nov-2021

Date


/ _____ /
Christopher D. Guichet

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09-Nov-2021

Date

/  /
Erik G. de Jong

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Date



Jorge L. Rivera Espinoza

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09-Nov-2021

Date

Patrick J. Crowley

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P53264US1

09-Nov-2021

Date

Steve C. Roach
/ _____ /
Steven C. Roach

P53264US1

09-Nov-2021

Date

/  /
Venkatesh Rajendran

P53264US1

11-Nov-2021


Date


/ _____ /
William C. Lukens

P53264US1

09-Nov-2021

Date

/  /
Woojin Jung

P53264US1

09-Nov-2021

Date

Chen
/ Yue Chen /

P53264US1

09-Nov-2021

Date

Zhiwei Gu

Zhiwei Gu

P53264US1

18-Nov-2021

Date

Derek Iwamoto

Derek Iwamoto

P53264US1

09-Nov-2021

Date

S.N.

Siddharth Nangia

P53264US1

09-Nov-2021

Date



Scott D. Morrison

P53264US1

10-Nov-2021

Date

Kevin A. Klenk

Kevin A. Klenk

P53264US1

09-Nov-2021

Date

Neeloy Roy

Neeloy Roy