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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JODY AKANA	06/29/2020
MOLLY ANDERSON	06/30/2020
BARTLEY K. ANDRE	08/24/2020
SHOTA AOYAGI	06/30/2020
ANTHONY MICHAEL ASHCROFT	07/01/2020
MARINE C. BATAILLE	07/01/2020
JEREMY BATAILLOU	08/12/2020
ABIDUR RAHMAN CHOWDHURY	07/07/2020
CLARA GENEVIEVE MARINE COURTAIGNE	07/27/2020
MARKUS DIEBEL	07/01/2020
RICHARD HUNG MINH DINH	08/06/2020
CHRISTOPHER E. GLAZOWSKI	07/09/2020
JONATHAN GOMEZ GARCIA	07/07/2020
JEAN-PIERRE S. GUILLOU	07/09/2020
M. EVANS HANKEY	08/18/2020
JULIAN HOENIG	07/19/2020
RICHARD P. HOWARTH	08/25/2020
JONATHAN P. IVE	06/07/2020
JULIAN JAEDE	08/07/2020
DUNCAN ROBERT KERR	07/01/2020
PAUL U. LEUTHEUSER	07/09/2020
BENJAMIN J. POPE	07/17/2020
PETER RUSSELL-CLARKE	07/01/2020
BENJAMIN ANDREW SHAFFER	07/02/2020
SUNG-HO TAN	07/27/2020
CLEMENT TISSANDIER	07/02/2020
EUGENE ANTONY WHANG	08/12/2020
RICO ZORKENDORFER	07/08/2020

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:	29714467

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3607.4210000(P44742US1)
NAME OF SUBMITTER:	CHARLES D. HAMMOND
SIGNATURE:	/Charles D. Hammond #73,287/
DATE SIGNED:	10/01/2020

Total Attachments: 56

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Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: Jody AKANA, Molly ANDERSON, Bartley K. ANDRE, Shota AOYAGI, Anthony Michael ASHCROFT, Marine C. BATAILLE, Jeremy BATAILLOU, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Christopher E. GLAZOWSKI, Jonathan GOMEZ GARCIA, Jean-Pierre S. GUILLOU, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, Paul U. LEUTHEUSER, Benjamin J. POPE, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Sung-Ho TAN, Clement TISSANDIER, Eugene Antony WHANG and Rico ZÖRKENDÖRFER, the undersigned hereby sell and assign to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

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- (b) in any and all application(s) that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all invention(s) described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

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The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.



	Date:	Signature of Inventor:	Name:
1.	29-Jun-2020	file of the	Jody AKANA
2.		······································	Molly ANDERSON
3.		vi.	Bartley K. ANDRE
4.		<u> </u>	Shota AOYAGI
5.		<u> </u>	Anthony Michael ASHCROFT
6.		V.	Marine C. BATAILLE
7.		<u>V</u>	Jeremy BATAILLOU
8.		<u> </u>	Abidur Rahman CHOWDHURY
9.		<u> </u>	Clara Geneviève Marine COURTAIGNE
10.		<u> </u>	Markus DIEBEL
11.		<u> </u>	Richard Hung Minh DINH
12.		<u> </u>	Christopher E. GLAZOWSKI
13.		<u></u>	Jonathan GOMEZ GARCIA
14.		<u> </u>	Jean-Pierre S. GUILLOU
15.		X.	M. Evans HANKEY
16.			Julian HOENIG
17.		<u></u>	Richard P. HOWARTH
18.		<u>V</u>	Jonathan P. IVE
19.		<u> </u>	Julian JAEDE
20,		<u> </u>	Duncan Robert KERR
21.		N. C.	Paul U. LEUTHEUSER
22.		<u>X</u>	Benjamin J. POPE
23.		<u></u>	Peter RUSSELL-CLARKE
24.		<u></u>	Benjamin Andrew SHAFFER
25.		<u> </u>	Sung-Ho TAN
26.		<u> </u>	Clement TISSANDIER
27.		1	Eugene Antony WHANG
28.		<u></u>	Rico ZÖRKENDÖRFER



Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

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	Date:	Signature of Inventor:	Name:
1.	<u> </u>	1	Jody AKANA
2.	30-Jun-2020	Modera	Molly ANDERSON
3.			Bartley K. ANDRE
4.		<u> </u>	Shota AOYAGI
5.		<u>N</u>	Anthony Michael ASHCROFT
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Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

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	Date:	Signature of Inventor:	Name:
1.		Ŋ	Jody AKANA
2.		<u> </u>	Molly ANDERSON
3.	24-Aug-2020 ———	1 Botatie	Bartley K. ANDRE
4.		<u> </u>	Shota AOYAGI
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1.		<u> </u>	Jody AKANA
2.		<u> </u>	Molly ANDERSON
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4.	30-Jun-2020	人 有种种木	Shota AOYAGI
5.		×	Anthony Michael ASHCROFT
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21.		<u> 1</u>	Paul U. LEUTHEUSER
22.		1	Benjamin J. POPE
23.		A.	Peter RUSSELL-CLARKE
24.		<u> </u>	Benjamin Andrew SHAFFER
25.		<u> </u>	Sung-Ho TAN
26.		1	Clement TISSANDIER
27.		<u>N</u>	Eugene Antony WHANG
28.		<u> </u>	Rico ZÖRKENDÖRFER



Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

ASSIGNMENT

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	Date:	Signature of Inventor:	Name:
1.		<u> </u>	_ Jody AKANA
2.		<u></u>	_ Molly ANDERSON
3.		<u> </u>	Bartley K. ANDRE
4.		<u> </u>	_ Shota AOYAGI
5.	01-Jul-2020 ———	<u> </u>	_ Anthony Michael ASHCROFT
6.		<u> </u>	_ Marine C. BATAILLE
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3.			Bartley K. ANDRE
4.		<u> </u>	Shota AOYAGI
5.		4	Anthony Michael ASHCROFT
6.	01-Jul-2020	TE TOTAL	Marine C. BATAILLE
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Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

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7.	12-Aug-2020	1	Jeremy BATAILLOU
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Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: Jody AKANA, Molly ANDERSON, Bartley K. ANDRE, Shota AOYAGI, Anthony Michael ASHCROFT, Marine C. BATAILLE, Jeremy BATAILLOU, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Christopher E. GLAZOWSKI, Jonathan GOMEZ GARCIA, Jean-Pierre S. GUILLOU, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, Paul U. LEUTHEUSER, Benjamin J. POPE, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Sung-Ho TAN, Clement TISSANDIER, Eugene Antony WHANG and Rico ZÖRKENDÖRFER, the undersigned hereby sell and assign to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

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10.	01-Jul-2020 ———	History	Markus DIEBEL
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Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: Jody AKANA, Molly ANDERSON, Bartley K. ANDRE, Shota AOYAGI, Anthony Michael ASHCROFT, Marine C. BATAILLE, Jeremy BATAILLOU, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Christopher E. GLAZOWSKI, Jonathan GOMEZ GARCIA, Jean-Pierre S. GUILLOU, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, Paul U. LEUTHEUSER, Benjamin J. POPE, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Sung-Ho TAN, Clement TISSANDIER, Eugene Antony WHANG and Rico ZÖRKENDÖRFER, the undersigned hereby sell and assign to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

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3.		<u>1</u>	Bartley K. ANDRE
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Appl. No. 29/714,467 Auy. Docket No. 3607.4210000(P44742USI)

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Appl. No. 29/714,467 Atty. Docket No. 3607.4210000(P44742US1)

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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: Jody AKANA, Molly ANDERSON, Bartley K. ANDRE, Shota AOYAGI, Anthony Michael ASHCROFT, Marine C. BATAILLE, Jeremy BATAILLOU, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Christopher E. GLAZOWSKI, Jonathan GOMEZ GARCIA, Jean-Pierre S. GUILLOU, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, Paul U. LEUTHEUSER, Benjamin J. POPE, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Sung-Ho TAN, Clement TISSANDIER, Eugene Antony WHANG and Rico ZÖRKENDÖRFER, the undersigned hereby sell and assign to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

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15,		1	M. Evans HANKEY
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17.		. <u>V</u>	Richard P. HOWARTH
18.		<u> </u>	Jonathan P. IVE
19.		<u> </u>	Julian JAEDE
20,	01-Jul-2020	<u> Wer</u>	Duncan Robert KERR
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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: Jody AKANA, Molly ANDERSON, Bartley K. ANDRE, Shota AOYAGI, Anthony Michael ASHCROFT, Marine C. BATAILLE, Jeremy BATAILLOU, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Christopher E. GLAZOWSKI, Jonathan GOMEZ GARCIA, Jean-Pierre S. GUILLOU, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, Paul U. LEUTHEUSER, Benjamin J. POPE, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Sung-Ho TAN, Clement TISSANDIER, Eugene Antony WHANG and Rico ZÖRKENDÖRFER, the undersigned hereby sell and assign to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

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- (c) in any and all invention(s) described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

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3.		1	Bartley K. ANDRE
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26.	02-Jul-2020		Clement TISSANDIER
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RECORDED: 10/01/2020



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28.	08-Jul-2020 ———	<u></u>	Rico ZÖRKENDÖRFER