

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6346334

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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 GENEVIÈVE MARINE COURTAIGNE	07/27/2020
MARKUS DIEBEL	07/01/2020
JONATHAN GOMEZ GARCIA	07/07/2020
M. EVANS HANKEY	08/18/2020
RICHARD P. HOWARTH	08/25/2020
JONATHAN P. IVE	07/06/2020
JULIAN JAEDE	08/07/2020
DUNCAN ROBERT KERR	07/01/2020
PETER RUSSELL-CLARKE	07/01/2020
BENJAMIN ANDREW SHAFFER	07/02/2020
MIKAEL SILVANTO	07/27/2020
SUNG-HO TAN	07/27/2020
CLEMENT TISSANDIER	07/02/2020
EUGENE ANTONY WHANG	08/12/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLE INC.
<b>Street Address:</b>	ONE APPLE PARK WAY
<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 1</b>	

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29722787

**CORRESPONDENCE DATA**

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<b>ATTORNEY DOCKET NUMBER:</b>	3607.4460000(P49015US1)
<b>NAME OF SUBMITTER:</b>	CHARLES D. HAMMOND
<b>SIGNATURE:</b>	/Charles D. Hammond #73,287/
<b>DATE SIGNED:</b>	10/13/2020

**Total Attachments: 44**

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**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, Jonathan GOMEZ GARCIA, M. Evans HANKEY, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Mikael SILVANTO, Sung-Ho TAN, Clement TISSANDIER and Eugene Antony WHANG**, 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,

(a) in the invention(s) known as **ELECTRONIC DEVICE** for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of January 31, 2020 (also known as United States Application No. 29/722,787), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(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.

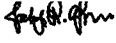
The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

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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.

IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	29-Jun-2020		Jody AKANA
2.			Molly ANDERSON
3.			Bartley K. ANDRE
4.			Shota AOYAGI
5.			Anthony Michael ASHCROFT
6.			Marine C. BATAILLE
7.			Jeremy BATAILLOU
8.			Abidur Rahman CHOWDHURY
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20.			Sung-Ho TAN
21.			Clement TISSANDIER
22.			Eugene Antony WHANG

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




















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	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	30-Jun-2020	 / <i>Anderson</i> / _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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
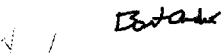



















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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	24-Aug-2020	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
6.	_____	 _____	Marine C. BATAILLE
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22.	_____	 _____	Eugene Antony WHANG

**ASSIGNMENT**

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


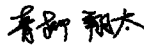


















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1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	30-Jun-2020	  _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
6.	_____	 _____	Marine C. BATAILLE
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


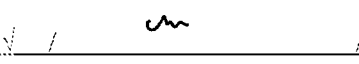

















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



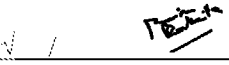
















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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
6.	01-Jul-2020	 _____	Marine C. BATAILLE
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22.	_____	 _____	Eugene Antony WHANG

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




















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





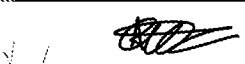














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






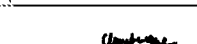














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22.	_____	 _____	Eugene Antony WHANG

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







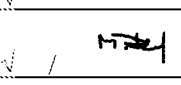












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





















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









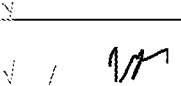










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12.	18-Aug-2020	 _____	M. Evans HANKEY
13.	_____	 _____	Richard P. HOWARTH
14.	_____	 _____	Jonathan P. IVE
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










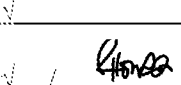









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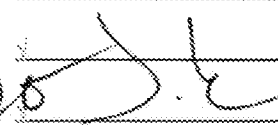
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22.	_____	✓ _____	Eugene Antony WHANG

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












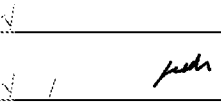







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













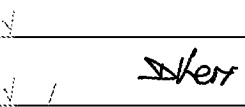






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2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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21.	_____	 _____	Clement TISSANDIER
22.	_____	 _____	Eugene Antony WHANG

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














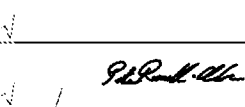





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















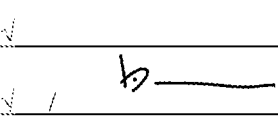




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
















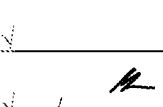



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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

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2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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22.	_____	 _____	Eugene Antony WHANG

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


















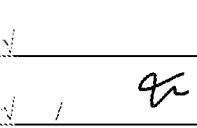


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


















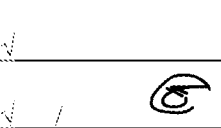

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



















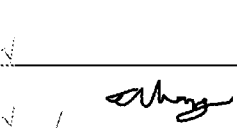
The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

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.

IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

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