

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6346436

<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
TRENT J. CANALES	07/21/2020
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
MICHAEL WALTER FIRKA	07/09/2020
JONATHAN GOMEZ GARCIA	07/07/2020
M. EVANS HANKEY	08/18/2020
JULIAN HOENIG	07/19/2020
RICHARD P. HOWARTH	08/25/2020
JONATHAN P. IVE	07/15/2020
JULIAN JAEDE	08/07/2020
DUNCAN ROBERT KERR	07/01/2020
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
<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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	29714471

**CORRESPONDENCE DATA**

**Fax Number:** (202)371-2540

*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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<b>ATTORNEY DOCKET NUMBER:</b>	3607.4310000(P44754US1)
<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: 54**

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Project Code: D54 housing

Appl. No. 29/714,471  
Atty. Docket No. 3607.4310000(P44754US1)

## 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, Trent J. CANALES, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Michael Walter FIRKA, Jonathan GOMEZ GARCIA, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, 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,

(a) in the invention(s) known as **HOUSING MODULE FOR AN 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 November 22, 2019 (also known as United States Application No. 29/714,471), 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.

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.

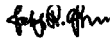


























The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation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

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

**PATENT**  
**REEL: 054055 FRAME: 0539**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	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.			Trent J. CANALES
9.			Abidur Rahman CHOWDHURY
10.			Clara Geneviève Marine COURTAIGNE
11.			Markus DIEBEL
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21.			Benjamin J. POPE
22.			Peter RUSSELL-CLARKE
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25.			Clement TISSANDIER
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27.			Rico ZÖRKENDÖRFER

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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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**PATENT**  
**REEL: 054055 FRAME: 0541**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

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

























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

**PATENT**  
**REEL: 054055 FRAME: 0543**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
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2.	_____	 _____	Molly ANDERSON
3.	24-Aug-2020	 / <i>Bataille</i> /	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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6.	_____	 _____	Marine C. BATAILLE
7.	_____	 _____	Jeremy BATAILLOU
8.	_____	 _____	Trent J. CANALES
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24.	_____	 _____	Sung-Ho TAN
25.	_____	 _____	Clement TISSANDIER
26.	_____	 _____	Eugene Antony WHANG
27.	_____	 _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

Appl. No. 29/714,471  
Atty. Docket No. 3607.4310000(P44754US1)

## 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, Trent J. CANALES, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Michael Walter FIRKA, Jonathan GOMEZ GARCIA, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, 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,

(a) in the invention(s) known as **HOUSING MODULE FOR AN 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 November 22, 2019 (also known as United States Application No. 29/714,471), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

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

**PATENT**  
**REEL: 054055 FRAME: 0545**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	✓ _____	Jody AKANA
2.	_____	✓ _____	Molly ANDERSON
3.	_____	✓ _____	Bartley K. ANDRE
4.	30-Jun-2020	✓ / 香新 翔太 /	Shota AOYAGI
5.	_____	✓ _____	Anthony Michael ASHCROFT
6.	_____	✓ _____	Marine C. BATAILLE
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26.	_____	✓ _____	Eugene Antony WHANG
27.	_____	✓ _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

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


























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

**PATENT**  
**REEL: 054055 FRAME: 0547**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	01-Jul-2020	 /  /	Anthony Michael ASHCROFT
6.	_____	 _____	Marine C. BATAILLE
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Project Code: D54 housing

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


























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**PATENT**  
**REEL: 054055 FRAME: 0549**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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

























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

**PATENT**  
**REEL: 054055 FRAME: 0551**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
6.	_____	 _____	Marine C. BATAILLE
7.	12-Aug-2020	 _____	Jeremy BATAILLOU
8.	_____	 _____	Trent J. CANALES
9.	_____	 _____	Abidur Rahman CHOWDHURY
10.	_____	 _____	Clara Geneviève Marine COURTAIGNE
11.	_____	 _____	Markus DIEBEL
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25.	_____	 _____	Clement TISSANDIER
26.	_____	 _____	Eugene Antony WHANG
27.	_____	 _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

Appl. No. 29/714,471  
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





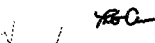



















The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation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

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

**PATENT**  
**REEL: 054055 FRAME: 0553**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
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7.	_____	 _____	Jeremy BATAILLOU
8.	21-Jul-2020	 _____	Trent J. CANALES
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Project Code: D54 housing

Appl. No. 29/714,471  
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






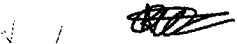


















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**PATENT**  
**REEL: 054055 FRAME: 0555**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
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


























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**REEL: 054055 FRAME: 0557**

Project Code: D54 housing

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








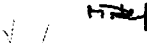
















IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

**PATENT**  
**REEL: 054055 FRAME: 0559**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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11.	01-Jul-2020	 _____	Markus DIEBEL
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


























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**PATENT**  
**REEL: 054055 FRAME: 0561**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
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


























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**PATENT**  
**REEL: 054055 FRAME: 0563**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
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13.	09-Jul-2020	 /  /	Michael Walter FIRKA
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
























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

**PATENT**  
**REEL: 054055 FRAME: 0565**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
6.	_____	 _____	Marine C. BATAILLE
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9.	_____	 _____	Abidur Rahman CHOWDHURY
10.	_____	 _____	Clara Geneviève Marine COURTAIGNE
11.	_____	 _____	Markus DIEBEL
12.	_____	 _____	Richard Hung Minh DINH
13.	_____	 _____	Michael Walter FIRKA
14.	07-Jul-2020	 /  /	Jonathan GOMEZ GARCIA
15.	_____	 _____	M. Evans HANKEY
16.	_____	 _____	Julian HOENIG
17.	_____	 _____	Richard P. HOWARTH
18.	_____	 _____	Jonathan P. IVE
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25.	_____	 _____	Clement TISSANDIER
26.	_____	 _____	Eugene Antony WHANG
27.	_____	 _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

Appl. No. 29/714,471  
Atty. Docket No. 3607.4310000(P44754US1)

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

























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**PATENT**  
**REEL: 054055 FRAME: 0567**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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14.	_____	 _____	Jonathan GOMEZ GARCIA
15.	18-Aug-2020	 _____	M. Evans HANKEY
16.	_____	 _____	Julian HOENIG
17.	_____	 _____	Richard P. HOWARTH
18.	_____	 _____	Jonathan P. IVE
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27.	_____	 _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

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
























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**PATENT**  
**REEL: 054055 FRAME: 0569**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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6.	_____	 _____	Marine C. BATAILLE
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13.	_____	 _____	Michael Walter FIRKA
14.	_____	 _____	Jonathan GOMEZ GARCIA
15.	_____	 _____	M. Evans HANKEY
16.	19-Jul-2020	  _____	Julian HOENIG
17.	_____	 _____	Richard P. HOWARTH
18.	_____	 _____	Jonathan P. IVE
19.	_____	 _____	Julian JAEDE
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Project Code: D54 housing

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
























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**PATENT**  
**REEL: 054055 FRAME: 0571**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
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16.	_____	 _____	Julian HOENIG
17.	25-Aug-2020	  _____	Richard P. HOWARTH
18.	_____	 _____	Jonathan P. IVE
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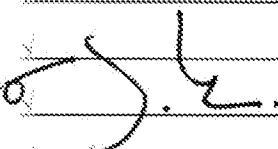
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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

Project Code: D54 housing

Appl. No. 29/714,471  
Atty. Docket No. 3607,4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	✓ _____	Jody AKANA
2.	_____	✓ _____	Molly ANDERSON
3.	_____	✓ _____	Bartley K. ANDRE
4.	_____	✓ _____	Shota AOYAGI
5.	_____	✓ _____	Anthony Michael ASHCROFT
6.	_____	✓ _____	Marine C. BATAILLE
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25.	_____	✓ _____	Clement TISSANDIER
26.	_____	✓ _____	Eugene Antony WHANG
27.	_____	✓ _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

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


























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

**PATENT**  
**REEL: 054055 FRAME: 0575**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
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
























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**PATENT**  
**REEL: 054055 FRAME: 0577**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____		Jody AKANA
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
























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**PATENT**  
**REEL: 054055 FRAME: 0579**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
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Atty. Docket No. 3607.4310000(P44754US1)

## 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, Trent J. CANALES, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Michael Walter FIRKA, Jonathan GOMEZ GARCIA, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, 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;

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

























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

**PATENT**  
**REEL: 054055 FRAME: 0581**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
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22.	01-Jul-2020	 / _____ /	Peter RUSSELL-CLARKE
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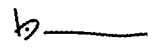
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**PATENT**  
**REEL: 054055 FRAME: 0583**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	✓_____	Jody AKANA
2.	_____	✓_____	Molly ANDERSON
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
























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**REEL: 054055 FRAME: 0585**

Project Code: D54 housing

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
























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.

**PATENT**  
**REEL: 054055 FRAME: 0587**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
5.	_____	 _____	Anthony Michael ASHCROFT
6.	_____	 _____	Marine C. BATAILLE
7.	_____	 _____	Jeremy BATAILLOU
8.	_____	 _____	Trent J. CANALES
9.	_____	 _____	Abidur Rahman CHOWDHURY
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20.	_____	 _____	Duncan Robert KERR
21.	_____	 _____	Benjamin J. POPE
22.	_____	 _____	Peter RUSSELL-CLARKE
23.	_____	 _____	Benjamin Andrew SHAFFER
24.	_____	 _____	Sung-Ho TAN
25.	02-Jul-2020	 /  /	Clement TISSANDIER
26.	_____	 _____	Eugene Antony WHANG
27.	_____	 _____	Rico ZÖRKENDÖRFER

Project Code: D54 housing

Appl. No. 29/714,471  
Atty. Docket No. 3607.4310000(P44754US1)

## 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, Trent J. CANALES, Abidur Rahman CHOWDHURY, Clara Geneviève Marine COURTAIGNE, Markus DIEBEL, Richard Hung Minh DINH, Michael Walter FIRKA, Jonathan GOMEZ GARCIA, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Julian JAEDE, Duncan Robert KERR, 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,

(a) in the invention(s) known as **HOUSING MODULE FOR AN 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 November 22, 2019 (also known as United States Application No. 29/714,471), 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.





























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

**PATENT**  
**REEL: 054055 FRAME: 0589**

Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____		Jody AKANA
2.	_____		Molly ANDERSON
3.	_____		Bartley K. ANDRE
4.	_____		Shota AOYAGI
5.	_____		Anthony Michael ASHCROFT
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24.	_____		Sung-Ho TAN
25.	_____		Clement TISSANDIER
26.	12-Aug-2020	 /  /	Eugene Antony WHANG
27.	_____		Rico ZÖRKENDÖRFER

Project Code: D54 housing

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






















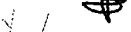
IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

**PATENT**  
**REEL: 054055 FRAME: 0591**



Project Code: D54 housing

 Appl. No. 29/714,471  
 Atty. Docket No. 3607.4310000(P44754US1)

	Date:	Signature of Inventor:	Name:
1.	_____	 _____	Jody AKANA
2.	_____	 _____	Molly ANDERSON
3.	_____	 _____	Bartley K. ANDRE
4.	_____	 _____	Shota AOYAGI
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27.	08-Jul-2020	 _____	Rico ZÖRKENDÖRFER