502619926 01/03/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2666535

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JODY AKANA	10/09/2013
BARTLEY K. ANDRE	10/14/2013
SHOTA AOYAGI	10/10/2013
JEREMY BATAILLOU	10/09/2013
DANIEL J. COSTER	10/09/2013
DANIELE DE IULIIS	10/09/2013
M. EVANS HANKEY	11/14/2013
JULIAN HOENIG	10/09/2013
RICHARD P. HOWARTH	10/09/2013
JONATHAN P. IVE	10/16/2013
DUNCAN ROBERT KERR	10/24/2013
MATTHEW DEAN ROHRBACH	10/09/2013
PETER RUSSELL-CLARKE	10/28/2013
MIKAEL SILVANTO	10/09/2013
CHRISTOPHER J. STRINGER	10/09/2013
EUGENE ANTONY WHANG	10/14/2013
RICO ZÖRKENDÖRFER	10/10/2013

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29466550

PATENT

REEL: 031887 FRAME: 0233

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Signature:	/Erin C. Wong, Reg. No. 61,831/
Date:	01/03/2014

Total Attachments: 51

source=2607_6610000_Inventors_to_Apple_Assignment#page1.tif source=2607_6610000_Inventors_to_Apple_Assignment#page2.tif source=2607_6610000_Inventors_to_Apple_Assignment#page3.tif source=2607 6610000 Inventors to Apple Assignment#page4.tif source=2607_6610000_Inventors_to_Apple_Assignment#page5.tif source=2607 6610000 Inventors to Apple Assignment#page6.tif source=2607_6610000_Inventors_to_Apple_Assignment#page7.tif source=2607_6610000_Inventors_to_Apple_Assignment#page8.tif source=2607 6610000 Inventors to Apple Assignment#page9.tif source=2607 6610000 Inventors to Apple Assignment#page10.tif source=2607_6610000_Inventors_to_Apple_Assignment#page11.tif source=2607_6610000_Inventors_to_Apple_Assignment#page12.tif source=2607_6610000_Inventors_to_Apple_Assignment#page13.tif source=2607_6610000_Inventors_to_Apple_Assignment#page14.tif source=2607 6610000 Inventors to Apple Assignment#page15.tif source=2607_6610000 Inventors to Apple Assignment#page16.tif source=2607 6610000 Inventors to Apple Assignment#page17.tif source=2607_6610000_Inventors_to_Apple_Assignment#page18.tif source=2607_6610000_Inventors_to_Apple_Assignment#page19.tif source=2607 6610000 Inventors to Apple Assignment#page20.tif source=2607 6610000 Inventors to Apple Assignment#page21.tif source=2607_6610000_Inventors_to_Apple_Assignment#page22.tif source=2607 6610000 Inventors to Apple Assignment#page23.tif source=2607_6610000_Inventors_to_Apple_Assignment#page24.tif source=2607_6610000_Inventors_to_Apple_Assignment#page25.tif source=2607_6610000_Inventors_to_Apple_Assignment#page26.tif source=2607 6610000 Inventors to Apple Assignment#page27.tif source=2607 6610000 Inventors to Apple Assignment#page28.tif source=2607_6610000_Inventors_to_Apple_Assignment#page29.tif source=2607_6610000_Inventors_to_Apple_Assignment#page30.tif source=2607_6610000_Inventors_to_Apple_Assignment#page31.tif source=2607 6610000 Inventors to Apple Assignment#page32.tif source=2607_6610000_Inventors_to_Apple_Assignment#page33.tif source=2607_6610000_Inventors_to_Apple_Assignment#page34.tif source=2607 6610000 Inventors to Apple Assignment#page35.tif source=2607_6610000_Inventors_to_Apple_Assignment#page36.tif

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ASSIGNMENT

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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.	√10. 9 .13	Lole Ricky	Jody AKANA
2.		<u> </u>	Bartley K. ANDRE
3.	V.	V	Shota AOYAGI



1754316v1

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/466,550 Atty. Docket No. 2607.6610000(P20955US1)

4.	V	√	Jeremy BATAILLOU
5.	<u>√</u>	<u> </u>	Daniel J. COSTER
6.	<u>√</u>	√	Daniele DE IULIIS
7.	<u> V</u>	√	M. Evans HANKEY
8.	<u>√</u>	<u> </u>	Julian HOENIG
9.	<u> 1</u>	<u>√</u>	Richard P. HOWARTH
10.	<u> </u>	<u>√</u>	Jonathan P. IVE
11.	<u> </u>	1	Duncan Robert KERR
12.	1	√	Matthew Dean ROHRBACH
13.	<u> </u>	<u> </u>	Peter RUSSELL-CLARKE
14.	<u>√</u>	<u> </u>	Mikael SILVANTO
15.	<u>√</u>	<u>√</u>	Christopher J. STRINGER
16.	<u>√</u>	<u> </u>	Eugene Antony WHANG
17.	<u>√</u>	<u> </u>	Rico ZÖRKENDÖRFER

Page 3 of 3



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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.	Ý.		Jody AKANA
	10440-	424-4-	Bartley K. ANDRE
3.	A.	√	Shota AOYAGI



1754316v1

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/466,550 Atty. Docket No. 2607.6610000(P20955US1)

4.	<u> </u>	<u>\</u>	Jeremy BATAILLOU
5.	<u>√</u>	<u>√</u>	Daniel J. COSTER
6.	<u>√</u>	<u>√</u>	Daniele DE IULIIS
7.	<u>√</u>	√	M. Evans HANKEY
8.	√	<u> </u>	Julian HOENIG
9.	<u>√</u>	<u>√</u>	Richard P. HOWARTH
10.	<u>√</u>	<u> </u>	Jonathan P. IVE
11.	<u>√</u>	√	Dunçan Robert KERR
12.	<u>√</u>	<u>√</u>	Matthew Dean ROHRBACH
13.	√	J	Peter RUSSELL-CLARKE
14.	<u>√</u>	√	Mikael SILVANTO
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L.	1	3	Jody AKANA
2	**************************************	<u></u>	Bartley K. ANDRE
3.	10.10.13	水本和私人	Shota AOYAGI



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9.	<u> </u>	<u>V </u>	Richard P. HOWARTH
10.	V	√	Jonathan P. IVE
11.	1	√	Duncan Robert KERR
12.	<u>√</u>	√	Matthew Dean ROHRBACH
13.	<u>√</u>	<u> </u>	Peter RUSSELL-CLARKE
14.	<u>√</u>	1	Mikael SILVANTO
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3.	<u> </u>	√	Shota AOYAGI

Sterne Kessler Goldstein Fox

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4.	10.09.13	12A	Jeremy BATAILLOU
5.	,	<u> </u>	Daniel J. COSTER
6.	A CONTROL OF A DESCRIPTION OF THE PROPERTY OF	<u> </u>	Daniele DE IULIIS
7.	A COMMISSION OF THE PARTY OF TH	1	M. Evans HANKEY
8.	<u> </u>	<u>-1</u>	Julian HOENIG
9.	WOODER OR ONE WARRANT AND	<u> </u>	Richard P. HOWARTH
10.	<u>V</u> .	1	Jonathan P. IVE
11.	1	1	Duncan Robert KERR
12.	J:	1	Matthew Dean ROHRBACH
13.	1	<u> Y</u>	Peter RUSSELL-CLARKE
14.	<u> </u>	1	Mikael SILVANTO
15.		1	Christopher J. STRINGER
16.			Eugene Antony WHANG
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1.	<u>√</u>	<u> </u>	Jody AKANA
2.	<u> </u>	<u>√</u>	Bartley K. ANDRE
3.	<u>√</u>	√	Shota AOYAGI

Sterne Kessler Goldstein Fox

1754316v1

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/466,550
Atty. Docket No. 2607.6610000(P20955US1)

4.	<u> </u>	1	Jeremy BATAILLOU
5.	10.9.13		Daniel J. COSTER
б.	WAN ARREST AND	1	Daniele DE IULIIS
7.	<u> </u>	√	M. Evans HANKEY
8.	1	1	Julian HOENIG
9.	vinnaanaanaanade sanaana	√	Richard P. HOWARTH
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13.	<u> </u>	1	Peter RUSSELL-CLARKE
14.	V.	-\frac{1}{2}	Mikael SILVANTO
15.	¥	A	Christopher J. STRINGER
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17.	¥	1	Rico ZÖRKENDÖRFER

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2,	1	<u>√</u>	Bartley K. ANDRE
3.	<u> </u>	<u> </u>	Shota AOYAGI



4.	**************************************	<u>J.</u>	Jeremy BATAILLOU
5.	N. Commission	4	Daniel J. COSTER
6.	10913	1244 A	Daniele DE IULIIS
7.	W. W. SHIMMIN HAM MAN MAN MAN MAN MAN MAN MAN MAN MAN M	1	M. Evans HANKEY
8.	об температический при	1	Julian HOENIG
9.	1	√	Richard P. HOWARTH
10.	<u></u>	<u> </u>	Jonathan P. IVE
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14.	V	√.	Mikael SILVANTO
15.	William Company Company	<u> </u>	Christopher J. STRINGER
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2.	√	. <u>√</u>	Bartley K. ANDRE
3.	<u>√</u>	<u>√</u>	Shota AOYAGI



	4.	1	<u>√</u>	Jeremy BATAILLOU
	5.	1	√	Daniel J. COSTER
	6.	X.	<u>\langle</u>	Daniele DE IULIIS
	7.	<u>11-14-13</u>		M. Evans HANKEY
	8.	-	1	Julian HOENIG
	9.	<u> </u>	√	Richard P. HOWARTH
	10.	***************************************	√	Jonathan P. IVE
	11.	1		Duncan Robert KERR
	12.	A A A A A A A A A A A A A A A A A A A		Matthew Dean ROHRBACH
	13.	V.	1	Peter RUSSELL-CLARKE
	14.	À	√	Mikael SILVANTO
	15.	<u> </u>	<u> </u>	Christopher J. STRINGER
a en compositorios. Pr	16.			Eugene Antony WHANG
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Sterne Kessler Goldstein Fox

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Appl. No. 29/466,550
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4.	A CONTRACTOR OF THE PARTY OF TH	₹	Jeremy BATAILLOU
5.	V.	<u> </u>	Daniel J. COSTER
6.	No.	<u> </u>	Daniele DE IULIIS
7.		<u>V</u>	M. Evans HANKEY
8.	1/0,00.207		Julian HOEN.G
9.	Ý	¥	Richard P. HOWARTH
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T sii.	<u> </u>	<i>3</i> }	Duncan Robert KERR
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7.	O - CONTRACTOR CONTRACTOR AND AREA	1	M. Evans HANKEY
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	Date:	Signature of Inventor:	Name:
1.	√	√	Jody AKANA
2.	<u>√</u>	<u> </u>	Bartley K. ANDRE
3.	V	√	Shota AOYAGI

Sterne Kessler Goldstein Fox

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/466,550 Atty. Docket No. 2607.6610000(P20955US1)

4,	A Commence of the Commence of	1	Jeremy BATAILLOU
5	X.	<u> </u>	Daniel J. COSTER
6.	Ž	1	Daniele DE IULIIS
7.	Į	<u>\(\lambda \) \(\tag{2.5} \)</u>	M. Evans HANKEY
8.	<u>J</u>	<u> </u>	Julian HOENIG
9.	j.	<u> </u>	Richard P. HOWARTH
10.	Y	√	Jonathan P. IVE
11.	yopa/ros	<u> </u>	Duncan Robert KERR
12.	1.	<u> </u>	Matthew Dean ROHRBACH
13.	2 de la companya de l	X.	Peter RUSSELL-CLARKE
14.	Ž.	7	Mikael SILVANTO
15.	\$	4	Christopher J. STRINGER
16.		√	Eugene Antony WHANG
17.	***************************************	<u> </u>	Rico ZÖRKENDÖRFER
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Page 3 of 3



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2.	1	<u>√</u>	Bartley K. ANDRE
3.	<u>√</u>	<u>√</u>	Shota AOYAGI



Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/466,550 Atty. Docket No. 2607.6610000(P20955US1)

4.	Salvananannonnananana.	√	Jeremy BATAILLOU
5.	A	√	Daniel J. COSTER
6.	1	√	Daniele DE IULIIS
7.	<u> </u>	√	M. Evans HANKEY
8.	N.	1	Julian HOENIG
9,	***************************************	√	Richard P. HOWARTH
10.	S. margan managa	√	Jonathan P. IVE
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12.	10.09.13		Matthew Dean ROHRBACH
13.		<u> </u>	Peter RUSSELL-CLARKE
14.	N. distribution	<u> </u>	Mikael SILVANTO
15.	· V	<u>1</u>	Christopher J. STRINGER
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3.	√	V	Shota AOYAGI

Sterne Kessler Goldstein Fox

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Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/466,550
Atty. Docket No. 2607.6610000(P20955US1)

4.	NA ANDRONOUS PROPERTY AND	√	Jeremy BATAILLOU
5.	A. Mariana and A. Mar	1	Daniel J. COSTER
6.	S.	<u> </u>	Daniele DE IULIIS
7.		. A	M. Evans HANKEY
8.	<u> </u>	√	Julian HOENIG
9.	1	<u>√</u>	Richard P. HOWARTH
10.	<u> </u>	√	Jonathan P. IVE
11.	<u>√</u>	4	Duncan Robert KERR
12.	<u> </u>	√	Matthew Dean ROHRBACH
13.	10-28-13	ARMUL	Peter RUSSELL-CLARKE
14.	<u> </u>	<u> </u>	Mikael SILVANTO
15.	V	.V.	Christopher J. STRINGER
16.			Eugene Antony WHANG
17.	1	1	Rico ZÖRKENDÖRFER

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2.	<u>√</u>	<u>√</u>	Bartley K. ANDRE
3.	√	√ <u></u>	Shota AOYAGI



Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/466,550 Atty. Docket No. 2607.6610000(P20955US1)

4.	WANTE BERKER REAL BANK WALKEY	1	Jeremy BATAILLOU
5.	.√:	<u> 1</u>	Daniel J. COSTER
6.	<u> </u>		Daniele DE IULIIS
7.	Á	V	M. Evans HANKEY
8.		<u>√</u>	Julian HOENIG
9.	**************************************	Z.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Richard P. HOWARTH
10.	V.	1	Jonathan P. IVE
11.	1	V	Duncan Robert KERR
12.	J	√	Matthew Dean ROHRBACH
13.	<u> V</u>	<u>, </u>	Peter RUSSELL-CLARKE
14.	V 10 09 13		Mikael SILVANTO
15.	· \	1	Christopher J. STRINGER
16.	4	X	Eugene Antony WHANG
17.	s) - enconenciones en enconencio.	<u> </u>	Rico ZÖRKENDÖRFER

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3.	<u>√</u>	V	Shota AOYAGI



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4.	1	√	Jeremy BATAILLOU
5.	A CONTRACTOR OF THE PROPERTY O	√	Daniel J. COSTER
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7.	√	V	M. Evans HANKEY
8.	en e	√	Julian HOENIG
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3.	<u> </u>	V	Shota AOYAGI



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15.	¥	√ -> 8	Christopher J. STRINGER
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17.	<u> </u>	<u>X</u>	Rico ZÖRKENDÖRFER

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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, Bartley K. ANDRE, Shota AOYAGI, Jeremy BATAILLOU, Daniel J. COSTER, Daniele DE IULIIS, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Matthew Dean ROHRBACH, Peter RUSSELL-CLARKE, Mikael SILVANTO, Christopher J. STRINGER, 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 1 Infinite Loop, Cupertino, California 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 September 9, 2013 (also known as United States Application No. 29/466,550), 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 Assignor 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.

	Date:	Signature of Inventor:	Name:
1.	1	1	Jody AKANA
2.	<u>√</u>	√	Bartley K. ANDRE
3.	<u>√</u>	1	Shota AOYAGI



4.	1	1	Jeremy BATAILLOU
5.	X.	.√	Daniel J. COSTER
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