504074779 10/31/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JODY AKANA	09/12/2016
MOLLY ANDERSON	09/02/2016
BARTLEY K. ANDRE	09/29/2016
SHOTA AOYAGI	09/02/2016
ANTHONY MICHAEL ASHCROFT	09/02/2016
JEREMY BATAILLOU	09/02/2016
DANIEL J. COSTER	08/25/2016
DANIELE DE IULIIS	09/02/2016
M. EVANS HANKEY	09/08/2016
JULIAN HOENIG	09/06/2016
RICHARD P. HOWARTH	09/09/2016
JONATHAN P. IVE	09/30/2016
DUNCAN ROBERT KERR	09/02/2016
MARC A. NEWSON	10/12/2016
MATTHEW DEAN ROHRBACH	08/28/2016
PETER RUSSELL-CLARKE	09/02/2016
BENJAMIN ANDREW SHAFFER	09/01/2016
MIKAEL SILVANTO	09/29/2016
CHRISTOPHER J. STRINGER	09/06/2016
EUGENE ANTONY WHANG	09/07/2016
RICO ZÖRKENDÖRFER	09/05/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

PATENT REEL: 040521 FRAME: 0600

504074779

Property Type	Number
Application Number:	29557215

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2607.7340000
NAME OF SUBMITTER:	IVY CLARICE ESTOESTA
SIGNATURE:	/Ivy Clarice Estoesta, #74,612/
DATE SIGNED:	10/31/2016

Total Attachments: 40

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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,.	9 12,16	v Jole & Har	Jody AKANA
2.		7	Molly ANDERSON



	Date:	Signature of Inventor:	Name:
3.		1	Bartley K. ANDRE
4.		2	Shota AOYAGI
5.		1	Anthony Michael ASHCROFT
6.		4	Jeremy BATAILLOU
7.		1	Daniel J. COSTER
8.		<u> </u>	Daniele DE IULIIS
9.		<u> </u>	M. Evans HANKEY
10.		<u> </u>	Julian HOENIG
11.		1	Richard P. HOWARTH
12.		J	Jonathan P. IVE
13.		V	Duncan Robert KERR
14.	_/_/_	1	Marc A. NEWSON
15.		1	Matthew Dean ROHRBACH
16.		1	Peter RUSSELL-CLARKE
17.		<u> </u>	Benjamin Andrew SHAFFER
18.		٧	Mikael SILVANTO
19.		<u> </u>	Christopher J. STRINGER
20.		<u> </u>	Eugene Antony WHANG
21.		4	Rico ZÖRKENDÖRFER



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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.		<u> </u>	Jody AKANA
2.	05/02/16	1 Maleun	Molly ANDERSON

G	Sterne Kessler Boldstein Fox		Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/557,215 Atty. Docket No. 2607.7340000(P22961US1)
_	Date:	Signature of Inventor:	Name:
3.	12916		Bartley K. ANDRE
4.		3 3 3	Shota AOYAGI
5.,			Anthony Michael ASHCROFT
6.			Jeremy BATAILLOU
7.		<u> </u>	Daniel J. COSTER
8.		Ž	Daniele DE IULIIS
9.	. <u></u>	<u> </u>	M. Evans HANKEY
10.	1 1	<u> </u>	Julian HOENIG
11.		**************************************	Richard P. HOWARTH
12.		<u> </u>	Jonathan P. IVE
13.	11		Duncan Robert KERR
14.	1 <u>1</u> 1	2	Marc A, NEWSON
15.	11	<u> </u>	Matthew Dean ROHRBACH
16.		<u> </u>	Peter RUSSELL-CLARKE
17.	<u></u>	<u> </u>	Benjamin Andrew SHAFFER
18.	1 1	<u> </u>	Mikael SILVANTO
19.	<u> 1 </u>		Christopher J. STRINGER
20.	<u> </u>	<u> </u>	Eugene Antony WHANG
21.	1 1	1	Rico ZÖRKENDÖRFER



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	Date:	Signature of Inventor:	Name:
1.		<u> </u>	Jody AKANA
2.		X.	Molly ANDERSON



	Date:	Signature of Inventor:	Name:
3.		1	Bartley K. ANDRE
4.	9,2,16	1	Shota AOYAGI
5.		√	Anthony Michael ASHCROFT
6.		1	Jeremy BATAILLOU
7.		1	Daniel J. COSTER
8.		1	Daniele DE (ULIIS
9.		√	M. Evans HANKEY
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1.		<u>V</u>	Jody:AKANA
2.		<u>√</u>	Molly ANDERSON

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/557,215
Atty. Docket No. 2607.7340000(P22961US1)

	Date:	Signature of Inventor:	Name:
3.		<u> 1</u>	Bartley K, ANDRE
4.		<u> </u>	Shota AOYAGI
5.	09102116	1 1	Anthony Michael ASHCROFT
6,.		1	Jeremy BATAILLOU
7.	<u></u>	1	Daniel J. COSTER
8.		1	Daniele DE IULIIS
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1,0.	1	1	Julian HOENIG
1.1,		4	Richard P. HOWARTH
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13.		4	Duncan Robert KERR
1.4.		1	Marc A. NEWSON
15,	<u>, /- /- /- </u>	1	Matthew Dean ROHRBACH
16.		<u> </u>	Peter RUSSELL-CLARKE
17.	<u>t.1</u>	1	Benjamin Andrew SHAFFER
1.8.		<u> </u>	Mikael SILVANTO
19,		1	Christopher J. STRINGER
20.		V. Company of the com	Eugene Antony WHANG
21.		<u> </u>	Rico ZÖRKENDÖRFER

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2.		<u>J</u>	Molly ANDERSON



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12.		1	Jonathan P. IVE
13.		7	Duncan Robert KERR
14.		1	Marc A. NEWSON
15.		J	Matthew Dean ROHRBACH
16.		1	Peter RUSSELL-CLARKE
17.		V	Benjamin Andrew SHAFFER
18.		V	Mikael SILVANTO
19.		1	Christopher J. STRINGER
20.		1	Eugene Antony WHANG
21.		<u> </u>	Rico ZÖRKENDÖRFER

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl, No. 29/557,215 Atty. Docket No. 2607.7340000(P22961US1)

ASSIGNMENT

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	Date:	Signature of Inventor:	Name:
1.	11	S	Jody-AKANA
2,	<u> </u>		Molly ANDERSON

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/557,215 Atty. Docket No. 2607.7340000(P22961US1)

	Date:	Signature of Inventor:	Name:
3.			Bartley K. ANDRE
4,	<u> </u>	The second discount of the property on the second second second section of the second	Shota AOYAGI
5.	<u> </u>	No.	Anthony Michael ASHCROFT
6.			Jeremy BATAILLOU
7.	08/25/16	Langue de la companya della companya della companya de la companya de la companya della companya	Daniel J. COSTER
8.			Daniele DE IULIIS
9.			M. Evans HANKEY
10.		·	Julian HOENIG
11.	<u></u>		Richard P. HOWARTH
12.			Jonathán P. IVE
13,	and the same of th		Duncan Robert KERR
14.	<u> </u>	Samuel and the same of the sam	Marc A. NEWSON
15.			Matthew Dean ROHRBACH
1,6.,	a		Peter RUSSELL-CLARKÉ
17.			Benjamin Andrew SHAFFER
18.	<u>£</u>		Mikael SILVANTO
19.	<u> </u>	S	Christopher J. STRINGER
20.			Eugene Antony WHANG
21.		<u> </u>	Rica ZÖRKENDÖRFER



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2.		<u>√</u>	Molly ANDERSON

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/557,215 Atty. Docket No. 2607.7340000(P22961US1)

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3.		1	Bartley K. ANDRE
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6.	1 1	<u> </u>	Jeremy BATAILLOU
7.,		1	Daniel J. COSTER
8.	9216	× //////	Daniele DE IULIIS
9.		<u> </u>	M. Evans HANKEY
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16.		√	Peter RUSSELL-CLARKE
17.	a <u></u>	V	Benjamin Andrew SHAFFER
18.		No. of the second secon	Mikael SILVANTO
19.		1	Christopher J, STRINGER
20.		<u> </u>	Eugene Antony WHANG
21.		1	Rico ZÖRKENDÖRFER

Page 2 of 2



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1.		1	Jody AKANA
2.		<u> </u>	Molly ANDERSON

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/557,215
Atty. Docket No. 2607.7340000(P22961US1)

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3.		Y THE RESIDENCE CONTROL OF THE PARTY OF THE	Bartley K. ANDRE
4.		1	Shota AOYAGI
5.		Name of the second seco	Anthony Michael ASHCROFT
6.		1	Jeremy BATAILLOU
7.		1	Daniel J. COSTER
8.		V	Daniele DE IULIIS
9.	9,8,16	444	M. Evans HANKEY
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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,.		<u>√</u>	Jody AKANA
2.		V	Molly ANDERSON



	Date:	Signature of Inventor:	Name:
3.	<u> </u>	×	Bartley K. ANDRE
4.		Ž	Shota AOYAGI
5.	<u></u>	<u></u>	Anthony Michael ASHCROFT
6		<u> </u>	Jeremy BATAILLOU
7.		<u> </u>	Daniel J. COSTER
8.	<u> </u>	<u>Š</u>	Daniele DE IULIIS
9.		-	M. Evans HANKEY
10.		<u> </u>	Julian HOENIG
11.	<u> </u>	1	Richard P. HOWARTH
12.	93016	<u> </u>	Jonathan P. IVE
1,3,.	<u></u>	4	Duncan Robert KERR
14.		<u> </u>	Marc A. NEWSON
15.			Matthew Dean ROHRBACH
16.	<u></u>		Peter RUSSELL-CLARKE
17.		×	Benjamin Andrew SHAFFER
18.	<u></u>	<u> </u>	Mikael SILVANTO
19.		<u> </u>	Christopher J. STRINGER
20.	1 1	¥	Eugene Antony WHANG
21.		<u> </u>	Rico ZÖRKENDÖRFER

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/557,215
Atty. Docket No. 2607.7340000(P22961US1)

ASSIGNMENT

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.3.		Y.	Bartley K. ANDRE
4.		<u>V</u>	Shota AOYAGI
5,	. <u>/</u> /	1	Anthony Michael ASHCROFT
6.		\$	Jeremy BATAILLOU
7.	. postol	J	Daniel J. COSTER
8.	sa. A A	N.	Daniele DE IULIIS
¹).	~		M. Evans HANKEY
10.		XE.	Julian HOENIG
11.		<u> </u>	Richard P. HOWARTH
1.2.	_1_1_	VI	Jonathan P. IVE
13.	912/16	Wer	Duncan Robert KERR
14.		V.	Marc A. NEWSON
15.	sinali sa Linga	Signatura de la companya de la comp	Matthew Dean ROHRBACH
16.	male High		Peter RUSSELL-CLARKE
ï,7.	aaaa qaaqaa	X.	Benjamin Andrew SHAFFER
18,			Mikael SILVANTO
19.	milled to the control of the contro	Y	Christopher J. STRINGER
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2.	1.1.	1	Molly ANDERSON



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12.		1	Jonathan P. IVE
13.		<u>L</u>	Duncan Robert KERR
14.	12 /10/2016	1 <u> </u>	Marc A. NEWSON
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1.		1	Jody AKANA
2,.		1	Molly ANDERSON



Date:	Signature of Inventor:	Name:
annahan madagan a	A SOCIAL DESCRIPTION OF THE PROPERTY OF THE PR	Bartley K, ANDRE
mandaman da mananan da		Shota AOYAGI
		Anthony Michael ASHCROFT
inandanesiaksia isa.	Ž.	Jeremy BAŤAILLOU
	S	Daniel J. COSTER
		Daniele DE IULIIS
	The second secon	M. Evans HANKEY
in in the second discourse	Ž <u></u>	Julian HOENIG
1. 1	Ž.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Richard P. HOWARTH
	<u> </u>	Jonathan P. IVE
	Z.	Duncan Robert KERR
	<u> </u>	Marc A. NEWSON
08/28/16		Matthew Dean ROHRBACH
<u> </u>	<u> </u>	Peter RUSSELL-CLARKE
	A.	Benjamin Andrew SHAFFER
<u></u>	Ž.	Mikael SILVANTO
	A commence of the commence of	Christopher J. STRINGER
<u> </u>	<u> </u>	Eugene Antony WHANG
manufacture de manuel	Ž	Rico ZÖRKENDÖRFER
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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 Assignor had this assignment and sale not been made.

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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.		<u> </u>	Jody AKANA
2.		<u> </u>	Molly ANDERSON

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/557,215
Atty. Docket No. 2607.7340000(P22961US1)

	Date:	Signature of Inventor:	Name:
3.			Bartley K. ANDRE
4.		<u> </u>	Shota AOYAGI
5.	<u>//</u>	<u> </u>	Anthony Michael ASHCROFT
6.		<u> </u>	Jeremy BATAILLOU
7,		<u> </u>	Daniel J. COSTER
8.		Š	Daniele DE IULIIS
9.	<u> </u>	V.	M. Evans HANKEY
10.	/	: <u>X</u>	Julian HOENIG
11.	<u> </u>	<u> </u>	Richard P. HOWARTH
12.			Jonathan P. IVE
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14.		<u> </u>	Marc A. NEWSON
15.		<u> </u>	Matthew Dean ROHRBACH
16.		X	Peter RUSSELL-CLARKE
17.			Benjamin Andrew SHAFFER
18.	9,29.16	AR	Mikael SILVANTO
19.		\$	Christopher J. STRINGER
20.	<u></u>	<u> </u>	Eugene Antony WHANG
21.	//	<u> </u>	Rico ZÖRKENDÖRFER



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



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3.		1	Bantley K. ANDRE
4.		\$	Shota AOYAGI
5.		<u>√</u>	Anthony Michael ASHCROFT
6.		1	Jeremy BATAILLOU
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9.		A. C.	M. Evans HANKEY
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13.		1	Duncan Robert KERR
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15.	<u> </u>	J	Matthew Dean ROHRBACH
16.		1	Peter RUSSELL-CLARKE
17.		1	Benjamin Andrew SHAFFER
18,	1 1	1	Mikael SILVANTO
19.	9,6,2016	1 3	Christopher J. STRINGER
20.		1	Eugene Antony WHANG
21.	1 1	√	Rico ZÖRKENDÖRFER

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1,,		<u> </u>	Jody AKANA
2.		Υ	Molly ANDERSON



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3.		1	Bartley K. ANDRE
4		<u>√</u>	Shota AOYAOI
5,		Lawrence and the second	Anthony Michael ASHCROFT
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7.		4	Daniel J. COSTER
8.		√	Daniele DE IULIIS
9.		1	M. Evans HANKEY
1.0,		i principal di si	Julian HOENIG
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18.		V.,	Mikael SILVANTO
19.		<u> Limite de la companya del companya de la companya del companya de la companya d</u>	Christopher J. STRINGER
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2.		٧	Molly ANDERSON

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/557,215 Atty. Docket No. 2607.7340000(P22961US1)

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21.	09/05/15		Rico ZÖRKENDÖRFER
		Page 2 of 2	

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RECORDED: 10/31/2016