PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KULLY KRAIG MANDON	12/12/2014
CHRISTOPHER M. GREEN	12/12/2014
JONATHAN P. SIEGEL	12/12/2014
JODY AKANA	01/19/2015
BARTLEY K. ANDRE	01/19/2015
SHOTA AOYAGI	01/19/2015
ANTHONY MICHAEL ASHCROFT	01/19/2015
JEREMY BATAILLOU	01/26/2015
DANIEL J. COSTER	01/21/2015
DANIELE DE IULIIS	01/26/2015
M. EVANS HANKEY	01/31/2015
JULIAN HOENIG	01/19/2015
RICHARD P. HOWARTH	01/20/2015
JONATHAN P. IVE	02/05/2015
DUNCAN ROBERT KERR	01/19/2015
MATTHEW DEAN ROHRBACH	01/26/2015
PETER RUSSELL-CLARKE	01/23/2015
BENJAMIN ANDREW SHAFFER	01/19/2015
MIKAEL SILVANTO	01/19/2015
CHRISTOPHER J. STRINGER	01/19/2015
EUGENE ANTONY WHANG	01/19/2015
RICO ZÖRKENDÖRFER	01/19/2015

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: 034949 FRAME: 0852

503177605

Property Type	Number
Application Number:	29501029

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NAME OF SUBMITTER:	DANIEL A. GAJEWSKI
SIGNATURE:	/Daniel A. Gajewski #64,515/
DATE SIGNED:	02/12/2015

Total Attachments: 40

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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.	121214	Kulley K. Mul	Kully Kraig MANDON
2.	12,12,2014	1 Almes	Christopher M. GREEN
3.	2,2,4	Chu/S/	Jonathan P. SIEGEL
4.		<u>V</u>	Jody AKANA



	Date:	Signature of Inventor:	Name:
5.		<u> </u>	Bartley K. ANDRE
6.		<u>√</u>	Shota AOYAGI
7.		<u>√</u>	Anthony Michael ASHCROFT
8.	//	<u>√</u>	Jeremy BATAILLOU
9.		√	Daniel J. COSTER
10.		<u>√</u>	Daniele DE IULIIS
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21.		<u>√</u>	Eugene Antony WHANG
22.		<u> </u>	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.		J.	Kully Kraig MANDON
2.		<u>V</u>	Christopher M. GREEN
3.		1000	Jonathan P. SIEGEL
4.	1/19/15	Jole Q. Am	Jody AKANA



	Date:	Signature of Inventor:	Name:
5.	/	<u>√</u>	Bartley K. ANDRE
6.	/	<u>√</u>	Shota AOYAGI
7.		<u>√</u>	Anthony Michael ASHCROFT
8.	/	<u>v</u>	Jeremy BATAILLOU
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21.		√	Eugene Antony WHANG
22.	/ . /_	V	Rico ZÖRKENDÖRFER



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1.		<u>√</u>	Kully Kraig MANDON
2.		<u>√</u>	Christopher M. GREEN
3.		<u>v</u>	Jonathan P. SIEGEL
4.		<u> </u>	Jody AKANA



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5.	1_1915	*	Bartley K. ANDRE
6.		J.	Shota AOYAGI
7.		<u> </u>	Anthony Michael ASHCROFT
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1.		<u>\(\frac{1}{2} \) \(\frac{1}{2} \)</u>	Kully Kraig MANDON
2.		<u>\</u>	Christopher M. GREEN
3.		<u>v</u>	Jonathan P. SIEGEL
4.		<u>√</u>	Jody AKANA

Sterne Kessler Goldstein Fox

Sterne, Kessler, Goldstein & Fox P.L.L.S. Appl. No. 29/501,029 Atty. Docket No. 2607,7090001(P22701USX1)

	Date:	Signature of Inventor:	Name:
5.		N.	Bartley K. ANDRE
6.	1/19/15	* 丰和 和太	Shota AOYAGI
7.		V.	Anthony Michael ASIICROFT
8.			Jeremy BATAILLOU
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2.		<u>\(\lambda \) \</u>	Christopher M. GREEN
3.		<u>√</u>	Jonathan P. SIEGEL
4.		√	Jody AKANA

Sterne Kessler Goldstein Fox

Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/501,029 Atty. Docket No. 2607.7090001(P22701USX1)

	Date:	Signature of Inventor:	Name:
5.		X.	Bartley K, ANDRE
6.		\(\frac{1}{2}\)	Shota AOYAGI
7.	1 11915	y y	Anthony Michael ASHCROFT
8.		<u>V</u>	Jeremy BATAILLOU
9.		4	Daniel J. COSTER
10.		<u>V</u>	Daniele DE IULUS
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16.		No.	Matthew Dean ROHRBACH
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20.		V.	Christopher J. STRINGER
21.		X.	Eugene Antony WHANG
22.		<u> </u>	Rico ZÖRKENDÖRFER

Page 2 of 2



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4.	/	V	Jody AKANA



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1.		<u>√</u>	Kully Kraig MANDON
2.		<u>√</u>	Christopher M. GREEN
3.		<u> </u>	Jonathan P. SIEGEL
4.		<u>√</u>	Jody AKANA

Sterne Kessler Goldstein Fox

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/501,029
Atty. Docket No. 2607.7090001(P22701USX1)

	Date:	Signature of Inventor:	Name:
5.		<u> 1</u>	Bartley K. ANDRE
6.		Ý.	Shota AOYAGI
7.		N. C.	Anthony Michael ASHCROFT
8.		V.	Jeremy BATAILLOU
9.		V.	Daniel J. COSTER
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11.		V	M. Evans HANKEY
12.		<u> </u>	Julian HOENIG
13.	12015	1 (SNAEO)	Richard P. HOWARTH
14.		V	Jonathan P. IVE
15.		VI	Duncan Robert KERR
16.			Matthew Dean ROHRBACH
17.		Y	Peter RUSSELL-CLARKE
18.		V	Benjamin Andrew SHAFFER
19.		<u>V</u>	Mikael SILVANTO
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21.		1	Eugene Antony WHANG
22.		1	Rico ZÖRKENDÖRFER



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Appl. No. 29/501,029
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13.		1	Richard P. HOWARTH
14.	215/15	<u>J. L.</u>	Jonathan P. IVE
15.		\frac{1}{2}	Duncan Robert KERR
16.		V	Matthew Dean ROHRBACH
17.		Y	Peter RUSSELL-CLARKE
18.		V.	Benjamin Andrew SHAFFER
19.		V	Mikael SILVANTO
20.	A CONTRACTOR OF THE PARTY OF TH	V	Christopher J. STRINGER
21.			Eugene Antony WHANG
22.		<u> </u>	Rico ZÖRKENDÖRFER

Page 2 of 2



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1.		<u>vi</u>	Kully Kraig MANDON
2.	/	v ⁱ	Christopher M. GREEN
3.		<u>√</u>	Jonathan P. SIEGEL
4.		<u>√</u>	Jody AKANA



	Date:	Signature of Inventor;	Name:
5.		V	Bartley K. ANDRE
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15.	01/19/2015	Men	Duncan Robert KERR
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2.		<u>√</u>	Christopher M. GREEN
3.		<u>√</u>	Jonathan P. SIEGEL
4.		V.	Jody AKANA



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5.		V.	Bartley K. ANDRE
6.		1	Shota AOYAGI
7.	L	V.	Anthony Michael ASHCROFT
8.	maad sa addinina	V ⁱ	Jeremy BATAILLOU
9.		N. Company of the Com	Daniel J. COSTER
10.		N.	Daniele DE IULIIS
11.			M. Evans HANKEY
12.			Julian HOENIG
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14.		V ^j	Jonathan P. IVE
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16.	01,2415	- In	Matthew Dean ROHRBACH
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12.		¥	Julian HOENIG
13.		A section of the second section of the second section of the section of the second section of the	Richard P. HOWARTH
14.	- American	<u> </u>	Jonathan P. IVE
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15.	1_1_	<u> </u>	Duncan Robert KERR
16.		×	Matthew Dean ROHRBACH
17.		V	Peter RUSSELL-CLARKE
18.	1/17/15	V.	Benjamin Andrew SHAFFER
19.		<u> </u>	Mikael SILVANTO
20.	1 1	N.	Christopher J. STRINGER
21.		1	Eugene Antony WHANG
22.	1 1	√	Ríca ZÖRKENDÖREER

Page 2 of 2



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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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1.	/	<u>√</u>	Kully Kraig MANDON
2.	//	<u>√</u>	Christopher M. GREEN
3.		<u>V</u>	Jonathan P. SIEGEL
4.		<u>√</u>	Jody AKANA

Sterne Kessler Goldstein Fox

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/501,029
Atty. Docket No. 2607,7090001(P22701USX1)

	Date:	Signature of Inventor:	Name:
5.		1	Bartley K. ANDRE
6.		<u>V</u>	Shota AOYAGI
7.		V.	Anthony Michael ASHCROF
8.		N	Jeremy BATAILLOU
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5.		V.	Bartley K. ANDRE	
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