

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3290149

<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	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
BRAD G. BOOZER	01/22/2015
DANIEL J. COSTER	01/21/2015
DANIELE DE IULIIS	01/26/2015
COLIN ELY	01/22/2015
M. EVANS HANKEY	01/31/2015
PHILLIP M. HOBSON	02/16/2015
JULIAN HOENIG	01/19/2015
RICHARD P. HOWARTH	01/20/2015
JONATHAN P. IVE	02/05/2015
DUNCAN ROBERT KERR	01/19/2015
MARC A. NEWSON	02/02/2015
MATTHEW DEAN ROHRBACH	01/26/2015
FLETCHER ROTHKOPF	01/23/2015
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
MICHAEL BENJAMIN WITTENBERG	02/02/2015
RICO ZÖRKENDÖRFER	01/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLE INC.
<b>Street Address:</b>	1 INFINITE LOOP
<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA

<b>Postal Code:</b>	95014
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**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	29499071

**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>	2607.7250000
<b>NAME OF SUBMITTER:</b>	TRACY-GENE G. DURKIN
<b>SIGNATURE:</b>	/Tracy Durkin/ #32,831
<b>DATE SIGNED:</b>	03/30/2015

**Total Attachments: 48**

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Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P22714US1)

#### 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, Anthony Michael ASHCROFT, Jeremy BATAILLOU, Brad G. BOOZER, Daniel J. COSTER, Daniele DE IULIIS, Colin ELY, M. Evans HANKEY, Phillip M. HOBSON, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Marc A. NEWSON, Matthew Dean ROHRBACH, Fletcher ROTHKOPF, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Mikael SILVANTO, Christopher J. STRINGER, Eugene Antony WHANG, Michael Benjamin WITTENBERG 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, 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 **Crown for 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 August 11, 2014 (also known as United States Application No. 29/499,071), 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.

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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.	1/11/15	✓	Jody AKANA
2.	/ /	✓ _____	Bartley K. ANDRE
3.	/ /	✓ _____	Shota AOYAGI
4.	/ /	✓ _____	Anthony Michael ASHCROFT
5.	/ /	✓ _____	Jeremy BATAILLOU
6.	/ /	✓ _____	Brad G. BOOZER



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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

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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.	1/1	✓	Jody AKANA
2.	1/19/15		Bartley K. ANDRE
3.	1/1	✓	Shota AOYAGI
4.	1/1	✓	Anthony Michael ASHCROFT
5.	1/1	✓	Jeremy BATAILLOU
6.	1/1	✓	Brad G. BOOZER



	Date:	Signature of Inventor:	Name:
7.	__ / __ / __	√ _____	Daniel J. COSTER
8.	__ / __ / __	√ _____	Daniele DE IULIIS
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	Date:	Signature of Inventor:	Name:
1.	<u>  /  /  </u>	<u>  ✓  </u>	Jody AKANA
2.	<u>  /  /  </u>	<u>  ✓  </u>	Bartley K. ANDRE
3.	<u>  1/19/15  </u>	<u>  ✓  [Signature]  </u>	Shota AOYAGI
4.	<u>  /  /  </u>	<u>  ✓  </u>	Anthony Michael ASHCROFT
5.	<u>  /  /  </u>	<u>  ✓  </u>	Jeremy BATAILLOU
6.	<u>  /  /  </u>	<u>  ✓  </u>	Brad G. BOOZER





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25.	__ / __ / __	√ _____	Rico ZÖRKENDÖRFER

#1928914v1



Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P22714US1)

#### 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, Anthony Michael ASHCROFT, Jeremy BATAILLOU, Brad G. BOOZER, Daniel J. COSTER, Daniele DE IULIIS, Colin ELY, M. Evans HANKEY, Phillip M. HOBSON, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Marc A. NEWSON, Matthew Dean ROHRBACH, Fletcher ROTHKOPF, Peter RUSSELL-CLARKE, Benjamin Andrew SHAFFER, Mikael SILVANTO, Christopher J. STRINGER, Eugene Antony WHANG, Michael Benjamin WITTENBERG 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, 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 **Crown for 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 August 11, 2014 (also known as United States Application No. 29/499,071), 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

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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.	1 / 1	✓	Jody AKANA
2.	1 / 1	✓	Bartley K. ANDRE
3.	1 / 1	✓	Shota AOYAGI
4.	1 / 1	✓	Anthony Michael ASHCROFT
5.	01/26/15	✓	Jeremy BATAILLOU
6.	1 / 1	✓	Brad G. BOOZER



	Date:	Signature of Inventor:	Name:
7.	__ / __ / __	√ _____	Daniel J. COSTER
8.	__ / __ / __	√ _____	Daniele DE IULIIS
9.	__ / __ / __	√ _____	Colin ELY
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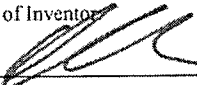
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2.	<u>  /  /  </u>	<u>✓</u>	Bartley K. ANDRE
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4.	<u>  /  /  </u>	<u>✓</u>	Anthony Michael ASHCROFT
5.	<u>  /  /  </u>	<u>✓</u>	Jeremy BATAILLOU
6.	<u>1/22/15</u>	<u>✓ </u>	Brad G. BOOZER



Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P22714US1)

	Date:	Signature of Inventor
7.	1/12/15	
8.	/ /	✓
9.	/ /	✓
10.	/ /	✓
11.	/ /	✓
12.	/ /	✓
13.	/ /	✓
14.	/ /	✓
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24.	/ /	✓
25.	/ /	✓

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#1928914v1

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1.	<u>  /  /  </u>	<u>√</u>	Jody AKANA
2.	<u>  /  /  </u>	<u>√</u>	Bartley K. ANDRE
3.	<u>  /  /  </u>	<u>√</u>	Shota AOYAGI
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5.	<u>  /  /  </u>	<u>√</u>	Jeremy BATAILLOU
6.	<u>  /  /  </u>	<u>√</u>	Brad G. BOOZER





Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P22714US1)

	Date:	Signature of Inventor:
7.	<u>  /  /  </u>	<u>  ✓  </u>
8.	<u>01/26/15</u>	<u><i>Daniel J. Coster</i></u>
9.	<u>  /  /  </u>	<u>  ✓  </u>
10.	<u>  /  /  </u>	<u>  ✓  </u>
11.	<u>  /  /  </u>	<u>  ✓  </u>
12.	<u>  /  /  </u>	<u>  ✓  </u>
13.	<u>  /  /  </u>	<u>  ✓  </u>
14.	<u>  /  /  </u>	<u>  ✓  </u>
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18.	<u>  /  /  </u>	<u>  ✓  </u>
19.	<u>  /  /  </u>	<u>  ✓  </u>
20.	<u>  /  /  </u>	<u>  ✓  </u>
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23.	<u>  /  /  </u>	<u>  ✓  </u>
24.	<u>  /  /  </u>	<u>  ✓  </u>
25.	<u>  /  /  </u>	<u>  ✓  </u>

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3.	____ / ____ / ____	✓ _____	Shota AOYAGI
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7.	__ / __ / __	✓ _____	Daniel J. COSTER
8.	__ / __ / __	✓ _____	Daniele DE IULIIS
9.	1/24/13	✓ <i>Colin Ely</i>	Colin ELY
10.	__ / __ / __	✓ _____	M. Evans HANKEY
11.	__ / __ / __	✓ _____	Phillip M. HOBSON
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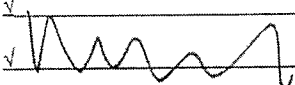
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2.	__ / __ / __	✓	Bartley K. ANDRE
3.	__ / __ / __	✓	Shota AOYAGI
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5.	__ / __ / __	✓	Jeremy BATAILLOU
6.	__ / __ / __	✓	Brad G. BOOZER



Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P22714US1)

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7.	/ /	✓	Daniel J. COSTER
8.	/ /	✓	Daniele DE IULIIS
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10.	/ 13/15	✓ 	M. Evans HANKEY
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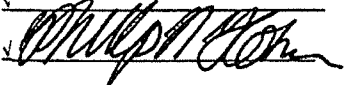
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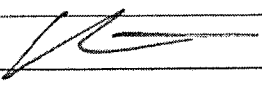
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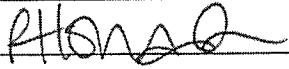
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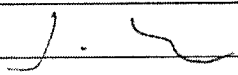
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	Date:	Signature of Inventor:	Name:
1.	<u>  /  /  </u>	<u>√</u>	Jody AKANA
2.	<u>  /  /  </u>	<u>√</u>	Bartley K. ANDRE
3.	<u>  /  /  </u>	<u>√</u>	Shota AOYAGI
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6.	<u>  /  /  </u>	<u>√</u>	Brad G. BOOZER



Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P22714US1)

	Date:	Signature of Inventor:
7.	__ / __ / __	✓ _____
8.	__ / __ / __	✓ _____
9.	__ / __ / __	✓ _____
10.	__ / __ / __	✓ _____
11.	__ / __ / __	✓ _____
12.	__ / __ / __	✓ _____
13.	__ / __ / __	✓ _____
14.	__ / __ / __	✓ _____
15.	01/19/2015	✓ <i>D. Kerr</i>
16.	__ / __ / __	✓ _____
17.	__ / __ / __	✓ _____
18.	__ / __ / __	✓ _____
19.	__ / __ / __	✓ _____
20.	__ / __ / __	✓ _____
21.	__ / __ / __	✓ _____
22.	__ / __ / __	✓ _____
23.	__ / __ / __	✓ _____
24.	__ / __ / __	✓ _____
25.	__ / __ / __	✓ _____

Name:

Daniel J. COSTER

Daniele DE IULIIS

Colin ELY

M. Evans HANKEY

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2.	<u>  /  /  </u>	<u>  ✓  </u>	Bartley K. ANDRE
3.	<u>  /  /  </u>	<u>  ✓  </u>	Shota AOYAGI
4.	<u>  /  /  </u>	<u>  ✓  </u>	Anthony Michael ASHCROFT
5.	<u>  /  /  </u>	<u>  ✓  </u>	Jeremy BATAILLOU
6.	<u>  /  /  </u>	<u>  ✓  </u>	Brad G. BOOZER





Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
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13.	/ /	✓	Richard P. HOWARTH
14.	/ /	✓	Jonathan P. IVE
15.	/ /	✓	Duncan Robert KERR
16.	2/21/15	✓ 	Marc A. NEWSON
17.	/ /	✓	Matthew Dean ROHRBACH
18.	/ /	✓	Fletcher ROTHKOPF
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22.	/ /	✓	Christopher J. STRINGER
23.	/ /	✓	Eugene Antony WHANG
24.	/ /	✓	Michael Benjamin WITTENBERG
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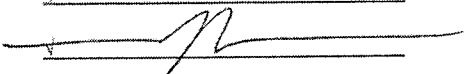
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2.	____ / ____ / ____	____	Bartley K. ANDRE
3.	____ / ____ / ____	____	Shota AOYAGI
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Appl. No. 29/499,071  
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16.	__ / __ / __	✓ _____	Marc A. NEWSON
17.	01/26/15	 _____	Matthew Dean ROHRBACH
18.	__ / __ / __	✓ _____	Fletcher ROTHKOPF
19.	__ / __ / __	✓ _____	Peter RUSSELL-CLARKE
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2.	<u>  /  /  </u>	<u>√</u>	Bartley K. ANDRE
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9.	<u>  /  /  </u>	<u>  ✓  </u>
10.	<u>  /  /  </u>	<u>  ✓  </u>
11.	<u>  /  /  </u>	<u>  ✓  </u>
12.	<u>  /  /  </u>	<u>  ✓  </u>
13.	<u>  /  /  </u>	<u>  ✓  </u>
14.	<u>  /  /  </u>	<u>  ✓  </u>
15.	<u>  /  /  </u>	<u>  ✓  </u>
16.	<u>  /  /  </u>	<u>  ✓  </u>
17.	<u>  /  /  </u>	<u>  ✓  </u>
18.	<u>  /  /  </u>	<u>  ✓  </u>
19.	<u>  12/3/15  </u>	<u>  ✓  <i>[Signature]</i>  </u>
20.	<u>  /  /  </u>	<u>  ✓  </u>
21.	<u>  /  /  </u>	<u>  ✓  </u>
22.	<u>  /  /  </u>	<u>  ✓  </u>
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24.	<u>  /  /  </u>	<u>  ✓  </u>
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#1928914v1

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
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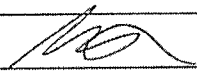
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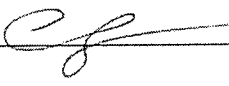
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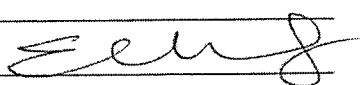
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(b) in any and all application(s) that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, 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.

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.	____/____/____	✓_____	Jody AKANA
2.	____/____/____	✓_____	Bartley K. ANDRE
3.	____/____/____	✓_____	Shota AOYAGI
4.	____/____/____	✓_____	Anthony Michael ASHCROFT
5.	____/____/____	✓_____	Jeremy BATAILLOU
6.	____/____/____	✓_____	Brad G. BOOZER





Sterne, Kessler, Goldstein & Fox P.L.L.C.  
Appl. No. 29/499,071  
Atty. Docket No. 2607.7250000(P2271-USA)

	Date:	Signature of Inventor:
7.	<u>  /  /  </u>	<u>  /  /  </u>
8.	<u>  /  /  </u>	<u>  /  /  </u>
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23.	<u>  /  /  </u>	<u>  /  /  </u>
24.	<u>2/2/15</u>	<u>Michael Dittenberg</u>
25.	<u>  /  /  </u>	<u>  /  /  </u>

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Daniel J. COSTER

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Eugene Antony WHANG

Michael Benjamin WITTENBERG

Rico ZÖRKENDÖRFER

#1928914v1

**ASSIGNMENT**

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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.

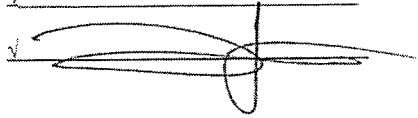
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	Date:	Signature of Inventor:	Name:
1.	____/____/____	_____ ✓	Jody AKANA
2.	____/____/____	_____ ✓	Bartley K. ANDRE
3.	____/____/____	_____ ✓	Shota AOYAGI
4.	____/____/____	_____ ✓	Anthony Michael ASHCROFT
5.	____/____/____	_____ ✓	Jeremy BATAILLOU
6.	____/____/____	_____ ✓	Brad G. BOOZER



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Atty. Docket No. 2607.7250000(P22714US1)

	Date:	Signature of Inventor:	Name:
7.	/ /	✓	Daniel J. COSTER
8.	/ /	✓	Daniele DE IULIIS
9.	/ /	✓	Colin ELY
10.	/ /	✓	M. Evans HANKEY
11.	/ /	✓	Phillip M. HOBSON
12.	/ /	✓	Julian HOENIG
13.	/ /	✓	Richard P. HOWARTH
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23.	/ /	✓	Eugene Antony WHANG
24.	/ /	✓	Michael Benjamin WITTENBERG
25.	01/17/15	✓ 	Rico ZÖRKENDÖRFER

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