

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Fourth inventor: Sawyer Issac COHEN and Sixteenth inventor: Ashutosh Y. SHUKLUA previously recorded on Reel 029790 Frame 0001. Assignor(s) hereby confirms the Fourth inventor should be: Sawyer Isaac COHEN and Sixteenth inventor should be: Ashutosh Y. SHUKLA.

CONVEYING PARTY DATA

Name	Execution Date
Jody AKANA	02/06/2013
Bartley K. ANDRE	02/07/2013
Jeremy BATAILLOU	02/06/2013
Sawyer Isaac Cohen	01/31/2013
Daniel J. COSTER	02/05/2013
Daniele DE IULIIS	02/06/2013
M. Evans HANKEY	02/07/2013
Julian HOENIG	02/06/2013
Richard P. HOWARTH	02/06/2013
Jonathan P. IVE	02/07/2013
Duncan Robert KERR	02/06/2013
Shin NISHIBORI	01/30/2013
David A. PAKULA	01/25/2013
Matthew Dean ROHRBACH	02/06/2013
Peter RUSSELL-CLARKE	02/06/2013
Ashutosh Y. SHUKLA	01/25/2013
Christopher J. STRINGER	02/07/2013
Tang Yew TAN	01/28/2013
Eugene Antony WHANG	02/05/2013
Michael Benjamin WITTENBERG	01/28/2013
Charles B. WOODHULL	02/09/2013
Rico ZORKENDORFER	02/06/2013

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:	29423181

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2607.4390000
NAME OF SUBMITTER:	Erin C. Wong
Signature:	/Erin C. Wong, Reg. No. 61,831/
Date:	04/16/2013

Total Attachments: 18
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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 12, 2013

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STERNE, KESSLER, GOLDSTEIN & FOX PLLC
1100 NEW YORK AVE NW
WASHINGTON, DC 20005

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UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 02/11/2013

REEL/FRAME: 029790/0001
NUMBER OF PAGES: 18

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 2607.4390000

ASSIGNOR:
AKANA, JODY

DOC DATE: 02/06/2013

ASSIGNOR:
ANDRE, BARTLEY K.

DOC DATE: 02/07/2013

ASSIGNOR:
BATAILLOU, JEREMY

DOC DATE: 02/06/2013

ASSIGNOR:
COHEN, SAWYER ISSAC

DOC DATE: 01/31/2013

ASSIGNOR:
COSTER, DANIEL J.

DOC DATE: 02/05/2013

ASSIGNOR:
DE IULIIS, DANIELE

DOC DATE: 02/06/2013

ASSIGNOR:
HANKEY, M. EVANS

DOC DATE: 02/07/2013

ASSIGNOR:
HOENIG, JULIAN DOC DATE: 02/06/2013

ASSIGNOR:
HOWARTH, RICHARD P. DOC DATE: 02/06/2013

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IVE, JONATHAN P. DOC DATE: 02/07/2013

ASSIGNOR:
KERR, DUNCAN ROBERT DOC DATE: 02/06/2013

ASSIGNOR:
NISHIBORI, SHIN DOC DATE: 01/30/2013

ASSIGNOR:
PAKULA, DAVID A. DOC DATE: 01/25/2013

ASSIGNOR:
ROHRBACH, MATTHEW DEAN DOC DATE: 02/06/2013

ASSIGNOR:
RUSSELL-CLARKE, PETER DOC DATE: 02/06/2013

ASSIGNOR:
SHUKLUA, ASHUTOSH Y. DOC DATE: 01/25/2013

ASSIGNOR:
STRINGER, CHRISTOPHER J. DOC DATE: 02/07/2013

ASSIGNOR:
TAN, TANG YEW DOC DATE: 01/28/2013

ASSIGNOR:
WHANG, EUGENE ANTONY DOC DATE: 02/05/2013

ASSIGNOR:
WITTENBERG, MICHAEL BENJAMIN DOC DATE: 01/28/2013

ASSIGNOR:
WOODHULL, CHARLES B. DOC DATE: 02/09/2013

ASSIGNOR:
ZORKENDORFER, RICO DOC DATE: 02/06/2013

ASSIGNEE:
APPLE INC.
1 INFINITE LOOP
CUPERTINO, CALIFORNIA 95014

APPLICATION NUMBER: 29423181 FILING DATE: 05/29/2012
PATENT NUMBER: ISSUE DATE:
TITLE: COMPONENT FOR AN ELECTRONIC DEVICE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



Sterne, Kessler, Goldstein & Fox P.L.L.C.
Atty. Docket No. 2607.4390000(P15173US1)

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, Jeremy BATAILLOU, Sawyer Isaac COHEN, Daniel J. COSTER, Daniele DE IULIIS, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Shin NISHIBORI, David A. PAKULA, Matthew Dean ROHRBACH, Peter RUSSELL-CLARKE, Ashutosh Y. SHUKLA, Christopher J. STRINGER, Tang Yew TAN, Eugene Antony WHANG, Michael Benjamin WITTENBERG, Charles B. WOODHULL, and Rico ZORKENDORFER, 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 Component 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 May 29, 2012 (also known as United States Application No. 29/423,181), 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;



Sterne, Kessler, Goldstein & Fox P.L.L.C.
Appl. No. 29/423,181
Atty. Docket No. 2607.4390000(P15173US1)

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.



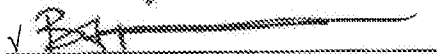
The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection 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.

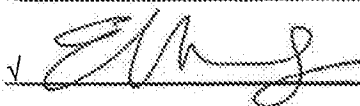
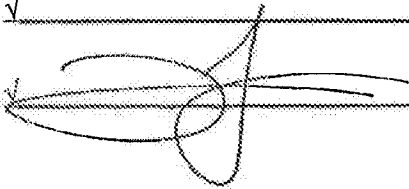
The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

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.	<u>√ 2.6.13</u>	<u>√ </u>	<u>Jody AKANA</u>
2.	<u>√ 2.7.13</u>	<u>√ </u>	<u>Bartley K. ANDRE</u>
3.	<u>√ 2.6.13</u>	<u>√ </u>	<u>Jeremy BATAILLOU</u>

4.	✓	✓	<u>Sawyer Isaac COHEN</u>
5.	✓	✓	<u>Daniel J. COSTER</u>
6.	✓	✓	<u>Daniele DE IULIIS</u>
7.	✓	✓	<u>M. Evans HANKEY</u>
8.	✓	✓	<u>Julian HOENIG</u>
9.	✓	✓	<u>Richard P. HOWARTH</u>
10.	✓	✓	<u>Jonathan P. IVE</u>
11.	✓	✓	<u>Duncan Robert KERR</u>
12.	✓	✓	<u>Shin NISHIBORI</u>
13.	✓	✓	<u>David A. PAKULA</u>
14.	✓	✓	<u>Matthew Dean ROHRBACH</u>
15.	✓	✓	<u>Peter RUSSELL-CLARKE</u>
16.	✓	✓	<u>Ashutosh Y. SHUKLA</u>
17.	✓	✓	<u>Christosher J. STRINGER</u>

- | | | | |
|-----|----------|---|------------------------------------|
| 18. | ✓ | ✓ | <u>Tang Yew TAN</u> |
| 19. | 02.05.13 | ✓  | <u>Eugene Antony WHANG</u> |
| 20. | ✓ | ✓ | <u>Michael Benjamin WITTENBERG</u> |
| 21. | ✓ | ✓ | <u>Charles B. WOODHULL</u> |
| 22. | 02.06.13 | ✓  | <u>Rico Zorkendorfer</u> |

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Sterne, Kessler, Goldstein & Fox P.L.L.C.
Atty. Docket No. 2607.4390000(P15173US1)

ASSIGNMENT

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 Appl. No. 29/423,181
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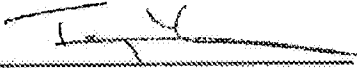
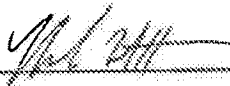
IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	<u> ✓ </u>	<u> ✓ </u>	<u>Jody AKANA</u>
2.	<u> ✓ </u>	<u> ✓ </u>	<u>Bartley K. ANDRE</u>
3.	<u> ✓ </u>	<u> ✓ </u>	<u>Jeremy BATAILLOU</u>

- | | | | |
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| 4. | <input checked="" type="checkbox"/> 1/31/13 | <input checked="" type="checkbox"/> <i>sa</i> | <u>Sawyer Isaac COHEN</u> |
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| 12. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Shin NISHIBORI</u> |
| 13. | <input checked="" type="checkbox"/> 25 JAN 13 | <input checked="" type="checkbox"/> <i>DA</i> | <u>David A. PAKULA</u> |
| 14. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Matthew Dean ROHRBACH</u> |
| 15. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Peter RUSSELL-CLARKE</u> |
| 16. | <input checked="" type="checkbox"/> 1/29/13 | <input checked="" type="checkbox"/> <i>[Signature]</i> | <u>Ashutosh Y. SHUKLA</u> |
| 17. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Christopher J. STRINGER</u> |



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- 18. 1/28/13  Tang Yew TAN
- 19. Eugene Antony WHANG
- 20. 1/28/13  Michael Benjamin WITTENBERG
- 21. Charles B. WOODHULL
- 22. Rico Zorkendorfer

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3.	√ _____	√ _____	<u>Jeremy BATAILLOU</u>

- | | | | |
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| 4. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Sawyer Isaac COHEN</u> |
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| 12. | <input checked="" type="checkbox"/> 30, 2012 | <input checked="" type="checkbox"/> | <u>Shin NISHIBORI</u> |
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Atty. Docket No. 2607.4390000(P15173US1)

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, Jeremy BATAILLOU, Sawyer Isaac COHEN, Daniel J. COSTER, Daniele DE IULIIS, M. Evans HANKEY, Julian HOENIG, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Shin NISHIBORI, David A. PAKULA, Matthew Dean ROHRBACH, Peter RUSSELL-CLARKE, Ashutosh Y. SHUKLA, Christopher J. STRINGER, Tang Yew TAN, Eugene Antony WHANG, Michael Benjamin WITTENBERG, Charles B. WOODHULL, and Rico ZORKENDORFER**, 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 **Component 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 May 29, 2012 (also known as United States Application No. 29/423,181), 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;



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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.	√ _____	√ _____	<u>Jody AKANA</u>
2.	√ _____	√ _____	<u>Bartley K. ANDRE</u>
3.	√ _____	√ _____	<u>Jeremy BATAILLOU</u>



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- 4. √ _____ √ _____ Sawyer Isaac COHEN
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- 13. √ _____ √ _____ David A. PAKULA
- 14. √ _____ √ _____ Matthew Dean ROHRBACH
- 15. √ _____ √ _____ Peter RUSSELL-CLARKE
- 16. √ _____ √ _____ Ashutosh Y. SHUKLA
- 17. √ _____ √ _____ Christopher J. STRINGER

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| 18. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Tang Yew TAN</u> |
| 19. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Eugene Antony WHANG</u> |
| 20. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Michael Benjamin WITENBERG</u> |
| 21. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Charles B. WOODHULL</u> |
| 22. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Rico Zorkendorfer</u> |

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