

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
<b>CONVEYING PARTY DATA</b>																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Amanda R. Rainer</td> <td>09/05/2013</td> </tr> <tr> <td>Connor R. Duke</td> <td>09/04/2013</td> </tr> <tr> <td>James W. Bilanski</td> <td>09/04/2013</td> </tr> <tr> <td>Jeffrey M. Thoma</td> <td>09/04/2013</td> </tr> <tr> <td>Michael Eng</td> <td>09/03/2013</td> </tr> <tr> <td>Mingzhe Li</td> <td>09/04/2013</td> </tr> <tr> <td>Sung Woo Yoo</td> <td>09/04/2013</td> </tr> <tr> <td>Miguel Alejandro Lara-Pena</td> <td>09/04/2013</td> </tr> <tr> <td>Weng Choy Foo</td> <td>09/06/2013</td> </tr> <tr> <td>Kieran Poulain</td> <td>09/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Amanda R. Rainer	09/05/2013	Connor R. Duke	09/04/2013	James W. Bilanski	09/04/2013	Jeffrey M. Thoma	09/04/2013	Michael Eng	09/03/2013	Mingzhe Li	09/04/2013	Sung Woo Yoo	09/04/2013	Miguel Alejandro Lara-Pena	09/04/2013	Weng Choy Foo	09/06/2013	Kieran Poulain	09/04/2013
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Miguel Alejandro Lara-Pena	09/04/2013																						
Weng Choy Foo	09/06/2013																						
Kieran Poulain	09/04/2013																						
<b>RECEIVING PARTY DATA</b>																							
Name:	Apple Inc.																						
Street Address:	1 Infinite Loop																						
City:	Cupertino																						
State/Country:	CALIFORNIA																						
Postal Code:	95014																						
<b>PROPERTY NUMBERS Total: 1</b>																							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14020059</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14020059																		
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Application Number:	14020059																						
<b>CORRESPONDENCE DATA</b>																							
Fax Number:	4158370651																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Email:	valalos@treylawgroup.com																						
Correspondent Name:	George V. Treyz																						
Address Line 1:	870 Market, Suite 984																						
Address Line 4:	San Francisco, CALIFORNIA 94102																						

OP \$40.00 14020059

ATTORNEY DOCKET NUMBER:	P20692US1
NAME OF SUBMITTER:	Victoria Avalos
Signature:	/Victoria Avalos/
Date:	09/10/2013
<p>Total Attachments: 12 source=P20692US1_Assignment#page1.tif source=P20692US1_Assignment#page2.tif source=P20692US1_Assignment#page3.tif source=P20692US1_Assignment#page4.tif source=P20692US1_Assignment#page5.tif source=P20692US1_Assignment#page6.tif source=P20692US1_Assignment#page7.tif source=P20692US1_Assignment#page8.tif source=P20692US1_Assignment#page9.tif source=P20692US1_Assignment#page10.tif source=P20692US1_Assignment#page11.tif source=P20692US1_Assignment#page12.tif</p>	

A S S I G N M E N T

WHEREAS, We, Amanda R. Rainer, Connor R. Duke, James W. Bilanski, Jeffrey M. Thoma, Michael Eng, Mingzhe Li, Sung Woo Yoo, Miguel Alejandro Lara-Pena, Weng Choy Foo, and Kieran Poulain, residing respectively in Sunnyvale, California, Sunnyvale, California, Palo Alto, California, Mountain View, California, San Jose, CA, Tianjin, China, Santa Clara, California, Gilroy, California, Shanghai, China, and San Francisco, California, have made an invention entitled:

ELECTRONIC DEVICE WITH PRINTED CIRCUIT BOARD NOISE REDUCTION  
USING ELASTOMERIC DAMMING AND DAMPING STRUCTURES

and

(1) are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on (\_\_\_\_\_) under Application No. (\_\_\_\_\_), in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 65015 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire interest in said

invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

P20692US1

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

9/5/13  
Date

*Amanda R. Rainer*  
Amanda R. Rainer

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Date

\_\_\_\_\_  
Connor R. Duke

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Date

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James W. Bilanski

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Date

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Jeffrey M. Thoma

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Date

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Michael Eng

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Mingzhe Li

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Sung Woo Yoo

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Date

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Miguel Alejandro Lara-Pena

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Date

\_\_\_\_\_  
Weng Choy Foo

\_\_\_\_\_  
Date

\_\_\_\_\_  
Kieran Poulain

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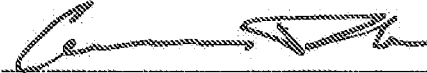
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

\_\_\_\_\_  
Date

9/4/13

\_\_\_\_\_  
Date

\_\_\_\_\_  
Amanda R. Rainer



\_\_\_\_\_  
Connor R. Duke

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Date

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James W. Bilanski

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Date

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Date Jeffrey M. Thomas

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Date Michael Eng

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Date Minghe Li

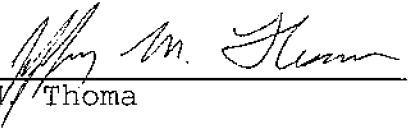
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Date Miguel Alejandro Lara-Ferna

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Date Weng Chey Foo

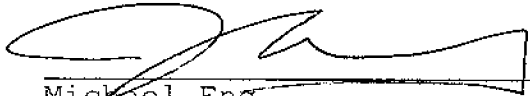
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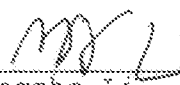


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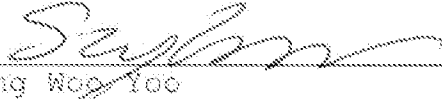
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Date Connor R. Duke

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Date Mingzhe Li

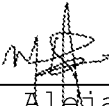
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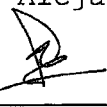
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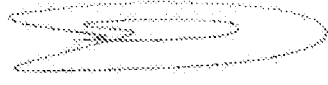
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6th September 2013	
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Date	Weng Choy Foo
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