

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shayan Malek</td> <td>06/21/2012</td> </tr> <tr> <td>Michael B. Wittenberg</td> <td>06/21/2012</td> </tr> <tr> <td>John Ardisana</td> <td>06/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shayan Malek	06/21/2012	Michael B. Wittenberg	06/21/2012	John Ardisana	06/21/2012
Name	Execution Date								
Shayan Malek	06/21/2012								
Michael B. Wittenberg	06/21/2012								
John Ardisana	06/21/2012								
RECEIVING PARTY DATA									
Name:	Apple Inc.								
Street Address:	1 Infinite Loop								
City:	Cupertino								
State/Country:	CALIFORNIA								
Postal Code:	95014								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13530038</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13530038				
Property Type	Number								
Application Number:	13530038								
CORRESPONDENCE DATA									
Fax Number:	(415)837-0650								
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NAME OF SUBMITTER:	Elizabeth R. Noah								
<p>Total Attachments: 3 source=P14311US1_AssignmentExecuted_062112#page1.tif source=P14311US1_AssignmentExecuted_062112#page2.tif source=P14311US1_AssignmentExecuted_062112#page3.tif</p>									

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A S S I G N M E N T

WHEREAS, We, Shayan Malek, Michael B. Wittenberg, and John Ardisana, residing respectively in San Jose, California, Sunnyvale, California, and San Francisco, California, have made an invention entitled:

ELECTRONIC DEVICES WITH PRINTED CIRCUIT
BOARDS HAVING PADDED OPENINGS

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

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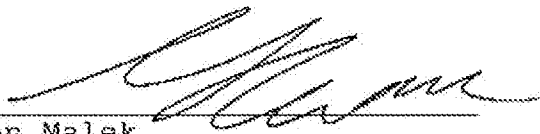
sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United 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.

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

6-21-12

Date



Shayan Malek


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6/21/12
Date

6/21/12
Date



Michael B. Wittenberg



John Ardrana