

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Paul J. COSTA</td> <td>10/30/2012</td> </tr> <tr> <td>David R. COX</td> <td>10/30/2012</td> </tr> <tr> <td>Bharat K. PATEL</td> <td>11/13/2012</td> </tr> <tr> <td>Nicholas W. RUHTER</td> <td>11/02/2012</td> </tr> <tr> <td>Xiaoyang ZHANG</td> <td>11/12/2012</td> </tr> <tr> <td>Steve X. ZHOU</td> <td>11/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paul J. COSTA	10/30/2012	David R. COX	10/30/2012	Bharat K. PATEL	11/13/2012	Nicholas W. RUHTER	11/02/2012	Xiaoyang ZHANG	11/12/2012	Steve X. ZHOU	11/16/2012
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<table border="1"> <tr> <td>Name:</td> <td>Apple Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1 Infinite Loop</td> </tr> <tr> <td>City:</td> <td>Cupertino</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95014</td> </tr> </table>		Name:	Apple Inc.	Street Address:	1 Infinite Loop	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014				
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CORRESPONDENCE DATA															
<p>Fax Number: 4083413098</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (408) 341-3000</p> <p>Email: aliu@wcsr.com</p> <p>Correspondent Name: WOMBLE CARLYLE SANDRIDGE &amp; RICE LLP</p> <p>Address Line 1: 10050 North Wolfe Road, Suite 260</p> <p>Address Line 4: Cupertino, CALIFORNIA 95014</p>															
ATTORNEY DOCKET NUMBER:	P14936US1/11400US.1														
NAME OF SUBMITTER:	Michael J. Ferrazano														
<p>Total Attachments: 2</p> <p>source=P14936US1_ASSIGNMENT#page1.tif</p> <p>source=P14936US1_ASSIGNMENT#page2.tif</p>															

CH \$40.00 13691678

## ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

### POWER SUPPLY ACOUSTIC NOISE MITIGATION

(Atty. Docket No. P14936US1/11400US.1), (check one)

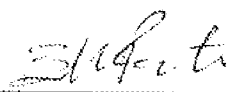
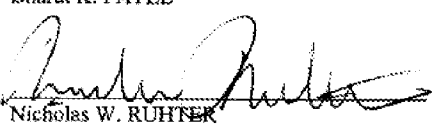
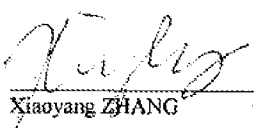
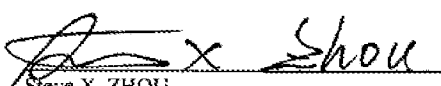
- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
☒ which bears U.S. application No. 13/691,678. (Not accompanying)  
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at 1 Infinite Loop, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

- 1) Signature: Paul J. Costa Date: 10/30/12  
Typed Name: Paul J. COSTA
- 2) Signature: David R. Cox Date: 10/30/2012  
Typed Name: David R. COX

- 3) Signature:  Date: 11/13/12  
Typed Name: Bharat K. PATEL
- 4) Signature:  Date: 11/2/12  
Typed Name: Nicholas W. RUHTER
- 5) Signature:  Date: 11/12/12  
Typed Name: Xiaoyang ZHANG
- 6) Signature:  Date: 11/16/12  
Typed Name: Steve X. ZHOU