

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>William Bull</td> <td>08/11/2008</td> </tr> <tr> <td>Policarpo Wood</td> <td>08/26/2008</td> </tr> <tr> <td>Kourtny Minh Hicks</td> <td>08/26/2008</td> </tr> <tr> <td>Benjamin Andrew Rottler</td> <td>08/26/2008</td> </tr> <tr> <td>Eric James Hope</td> <td>08/26/2008</td> </tr> <tr> <td>Alan Cannistraro</td> <td>08/14/2008</td> </tr> </tbody> </table>		Name	Execution Date	William Bull	08/11/2008	Policarpo Wood	08/26/2008	Kourtny Minh Hicks	08/26/2008	Benjamin Andrew Rottler	08/26/2008	Eric James Hope	08/26/2008	Alan Cannistraro	08/14/2008
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RECEIVING PARTY DATA															
Name:	Apple Inc.														
Street Address:	1 Infinite Loop, M/S 40-PAT														
City:	Cupertino														
State/Country:	CALIFORNIA														
Postal Code:	95014														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12198803</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12198803										
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Application Number:	12198803														
CORRESPONDENCE DATA															
Fax Number:	(415)576-0300														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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Address Line 2:	Eighth Floor														
Address Line 4:	San Francisco, CALIFORNIA 94111-3834														
ATTORNEY DOCKET NUMBER:	20750P-006300US														

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NAME OF SUBMITTER:

David N. Slone

Total Attachments: 5

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **William Bull** of Mountain View, CA 94041; **Policarpo Wood** of San Francisco, CA 94118; **Kourtny Minh Hicks** of Sunnyvale, CA 94089; **Benjamin Andrew Rottler** of Burlingame, CA 94010; **Eric James Hope** of Cupertino, CA 95014; and **Alan Cannistraro** of San Francisco, CA 94103, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **TECHNIQUES FOR CUSTOMIZING CONTROL OF VOLUME LEVEL IN DEVICE PLAYBACK**

Date(s) of execution of Declaration:

Filing Date: August 26, 2008

Application No.: 12/198,803 ; and

WHEREAS, **Apple Inc.**, a corporation of the state of California, located at 1 Infinite Loop, M/S 40-PAT, Cupertino, CA 95014, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;


For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Aug 11, 2008



William Bull

Dated: _____

Policarpo Wood

ASSIGNMENT OF PATENT APPLICATION

JOINT

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For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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Dated: _____

William Bull

Dated: 8-26-08



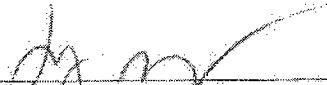
Policarpo Wood

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Attorney Docket No.: 20750P-006300US
Page 2

Dated: _____

Kourtney Minh Hicks

Dated: 8/20/08



Benjamin Andrew Kottler

Dated: 8/26/08



Eric James Hope

Dated: _____

Alan Camistraro

Dated: 8-8-08



Kourtny Minh Hicks

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Benjamin Andrew Rottler

Dated: _____

Eric James Hope

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Alan Cannistraro