

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Inventor Name previously recorded on Reel 022465 Frame 0449. Assignor(s) hereby confirms the Inventor Name.										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>ANANTHAKRISHNA RAMESH</td> <td>03/26/2009</td> </tr> <tr> <td>JAMES M. MAGEE</td> <td>03/25/2009</td> </tr> </tbody> </table>		Name	Execution Date	ANANTHAKRISHNA RAMESH	03/26/2009	JAMES M. MAGEE	03/25/2009				
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (408)720-8383  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-720-8300        Email: carla_nascimento@bstz.com        Correspondent Name: Vincent WenJeng Lue        Address Line 1: 1279 Oakmead Parkway        Address Line 4: Sunnyvale, CALIFORNIA 94085-4040</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	04860.P7050										
<b>NAME OF SUBMITTER:</b>	Vincent WenJeng Lue										
<p>Total Attachments: 11        source=4860P7050_Corrective_Assignment#page1.tif        source=4860P7050_Corrective_Assignment#page2.tif</p>											

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**PATENT**  
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VINCENT WENJENG LUE COMPANY: 1279 OAKMEAD PARKWAY

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
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ATTORNEY DOCKET NUMBER:	04860.P7050						
NAME OF SUBMITTER:	Vincent WenJeng Lua						
Total Attachments: 3 source=4860P7050_Assignment#page1.tif source=4860P7050_Assignment#page3.tif source=4860P7050_Assignment#page4.tif							

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**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 04860.P7050

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned Ananthakrishna Ramesh and James M. Magee

hereby sell, assign, and transfer to Apple Inc.

a Corporation of California  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1 Infinite Loop, Cupertino, CA 95014

\_\_\_\_\_,  
("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

Synchronization Mechanisms Based On Counters

\_\_\_\_\_  
said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 12/415,325 filed March 26, 2009,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

3/26 2009  
Date

A. Ramesh  
Signature

Ananthakrishna Ramesh  
Print/Type Name

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Signature

James M. Magee  
Print/Type Name

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-040  
(408) 720-8300

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\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Ananthakrishna Ramesh  
Print/Type Name

11/04/07, 2007  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
James M. Magee  
Print/Type Name

Assignment Document Return Address:  
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