

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>Cheng P. Tan</td><td>07/21/2011</td></tr><tr><td>Khalu C. Bazzani</td><td>07/21/2011</td></tr><tr><td>Sergio J. Henriques</td><td>07/19/2011</td></tr><tr><td>Christopher J. Sarcone</td><td>07/19/2011</td></tr><tr><td>Joseph Sokol Jr.</td><td>07/20/2011</td></tr><tr><td>Dominic B. Giampaolo</td><td>07/21/2011</td></tr></tbody></table>	Name	Execution Date	Cheng P. Tan	07/21/2011	Khalu C. Bazzani	07/21/2011	Sergio J. Henriques	07/19/2011	Christopher J. Sarcone	07/19/2011	Joseph Sokol Jr.	07/20/2011	Dominic B. Giampaolo	07/21/2011	
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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>13191348</td></tr></tbody></table>	Property Type	Number	Application Number:	13191348											
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CORRESPONDENCE DATA															
Fax Number: (530)759-1665 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241														
Total Attachments: 1 source=APL-P10892US1_Assignment#page1.tif															

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PATENT
REEL: 026821 FRAME: 0259

Patent**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned do hereby sell, assign and transfer to: APPLE INC., a corporation of California, having a principal place of business at 1 Infinite Loop, Cupertino, California 95014 ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any improvements which are disclosed in the application for the United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,

[X] which was filed on 26 July 2011 and assigned U.S. Serial No: 13/191,348 and is entitled:


INCLUDING PERFORMANCE-RELATED HINTS IN REQUESTS TO COMPOSITE MEMORY

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and


Agree that said Assignee may apply for and receive Letters Patent for said 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 divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said 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 improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said 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.

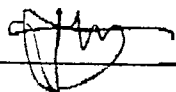
Date: 7/21/11 Name: Cheng P. Tan

Signature: 

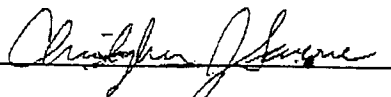
Date: 7/21/11 Name: Khalu C. Bazzani

Signature: 

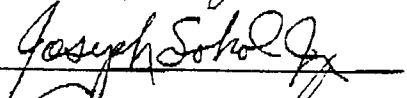
Date: 7/19/11 Name: Sergio J. Henriques

Signature: 

Date: 7/19/11 Name: Christopher J. Sarcone

Signature: 

Date: 7/20/11 Name: Joseph Sokol Jr.

Signature: 

Date: 7/21/11 Name: Dominic B. Giampaolo

Signature: 