

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Ariel Maislos</td> <td>08/14/2012</td> </tr> <tr> <td>Barak Rotbard</td> <td>08/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ariel Maislos	08/14/2012	Barak Rotbard	08/23/2012
Name	Execution Date						
Ariel Maislos	08/14/2012						
Barak Rotbard	08/23/2012						
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>13593237</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13593237		
Property Type	Number						
Application Number:	13593237						
CORRESPONDENCE DATA							
Fax Number:	5128538801						
Phone:	512 853 8800						
Email:	kashby@intprop.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Meyertons, Hood, Kivlin, Kowert & G (App)						
Address Line 1:	P.O. BOX 398						
Address Line 4:	Austin, TEXAS 78767-0398						
ATTORNEY DOCKET NUMBER:	5888-77908						
NAME OF SUBMITTER:	B. Noel Kivlin						
Total Attachments: 2 source=P13964USX1_ASSIGN#page1.tif source=P13964USX1_ASSIGN#page2.tif							

CH \$40.00 13593237

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to Apple Inc. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business at 1 Infinite Loop, Cupertino, CA 95014, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled "HOST-ASSISTED COMPACTION OF MEMORY BLOCKS", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

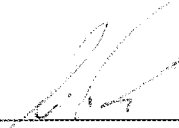
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

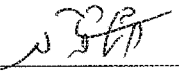
COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

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COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature) 
Name: Ariel Maislos

Date: Aug 14, 2012

(Signature) 
Name: Barak Rotbard

Date: 23 Aug 2012

Customer No. 81310
B. Noël Kivlin
Meyertons, Hood, Kivlin, Kowert & Goetzl, P.C.
P.O. Box 398
Austin, TX 78767-039