

## 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>Daniel B. Pollack</td> <td>09/27/2012</td> </tr> <tr> <td>Justin Wood</td> <td>09/28/2012</td> </tr> <tr> <td>Ray L. Chang</td> <td>10/01/2012</td> </tr> <tr> <td>Amit K. Vyas</td> <td>09/28/2012</td> </tr> <tr> <td>Steve Parker</td> <td>09/27/2012</td> </tr> <tr> <td>Matthew Scott Klahn</td> <td>09/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniel B. Pollack	09/27/2012	Justin Wood	09/28/2012	Ray L. Chang	10/01/2012	Amit K. Vyas	09/28/2012	Steve Parker	09/27/2012	Matthew Scott Klahn	09/28/2012
Name	Execution Date														
Daniel B. Pollack	09/27/2012														
Justin Wood	09/28/2012														
Ray L. Chang	10/01/2012														
Amit K. Vyas	09/28/2012														
Steve Parker	09/27/2012														
Matthew Scott Klahn	09/28/2012														
RECEIVING PARTY DATA															
<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>95014-2094</td> </tr> </table>		Name:	Apple Inc.	Street Address:	1 Infinite Loop	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014-2094				
Name:	Apple Inc.														
Street Address:	1 Infinite Loop														
City:	Cupertino														
State/Country:	CALIFORNIA														
Postal Code:	95014-2094														
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>13631446</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13631446										
Property Type	Number														
Application Number:	13631446														
CORRESPONDENCE DATA															
<p>Fax Number: 8777697945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (214) 760-6141        Email: apsi@fr.com        Correspondent Name: Sushil Shrinivasan        Address Line 1: FISH &amp; RICHARDSON P.C.        Address Line 2: P.O.BOX 1022        Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>															
ATTORNEY DOCKET NUMBER:	18962-0681001/P16777US1														

502084667

PATENT  
 REEL: 029078 FRAME: 0565

CH \$40.00 13631446

NAME OF SUBMITTER:

Dee Bacon

**Total Attachments: 7**

source=18962-0681001\_Assignment#page1.tif

source=18962-0681001\_Assignment#page2.tif

source=18962-0681001\_Assignment#page3.tif

source=18962-0681001\_Assignment#page4.tif

source=18962-0681001\_Assignment#page5.tif

source=18962-0681001\_Assignment#page6.tif

source=18962-0681001\_Assignment#page7.tif

**PATENT**

**REEL: 029078 FRAME: 0566**

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Daniel B. Pollack, Justin Wood, Ray L. Chang, Amit K. Vyas, Matthew Scott Klahn, and Steve Parker, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

MANAGING POWER CONSUMPTION IN MOBILE DEVICES

and which is found in

- (a) ☐ U.S. patent application executed on \_\_\_\_\_, entitled as above, listing the above named persons as inventors.
- (b) ☒ U.S. patent application filed on September 28, 2012  
☒ under Application No. 13/631,446.  
☐ with Express Mail No. \_\_\_\_\_ (Application Number not yet known).
- (c) ☐ U.S. Patent No.: \_\_\_\_\_, issued

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this

Signature of Inventor

27 day of September 2012

  
Daniel B. Pollack

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Justin Wood

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Ray L. Chang

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Amit K. Vyas

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Matthew Scott Klahn

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Steve Parker

90635014

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Daniel B. Pollack

Executed this

Signature of Inventor

28 day of September, 2012

Justin Wood

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Ray L. Chang

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Amit K. Vyas

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Matthew Scott Klahn

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Steve Parker

90635014

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Daniel B. Pollack

Executed this

Signature of Inventor

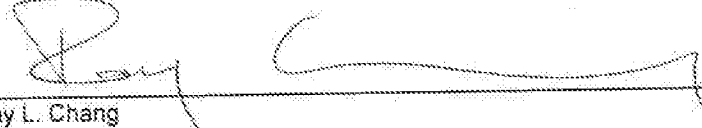
\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Justin Wood

Executed this

Signature of Inventor

1<sup>st</sup> day of October, 2012

  
Ray L. Chang

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Amit K. Vyas

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Matthew Scott Klahn

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Steve Parker

90635014

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Daniel B. Pollack

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Justin Wood

Executed this

Signature of Inventor


\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Ray L. Chang

Executed this

Signature of Inventor

28<sup>th</sup> day of September, 2012

  
Amit K. Vyas

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Matthew Scott Klahn

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Steve Parker

90635014

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Daniel B. Pollack

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Justin Wood

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Ray L. Chang

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Amit K. Vyas

Executed this

Signature of Inventor

28 day of September, 2012

  
Matthew Scott Klahn

Executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Steve Parker

90635014



Executed this

Signature of Inventor

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Daniel B. Pollack

Executed this

Signature of Inventor

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Justin Wood

Executed this

Signature of Inventor

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Ray L. Chang

Executed this

Signature of Inventor

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Amit K. Vyas

Executed this

Signature of Inventor

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Matthew Scott Klahn

Executed this

Signature of Inventor

27<sup>th</sup> day of September, 2012

Steve Parker

90635014