

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>Christopher Blumenberg</td><td>05/05/2008</td></tr><tr><td>Seejo Pylappan</td><td>07/05/2008</td></tr><tr><td>Mike Matas</td><td>08/28/2008</td></tr><tr><td>Richard Williamson</td><td>07/05/2008</td></tr></tbody></table>	Name	Execution Date	Christopher Blumenberg	05/05/2008	Seejo Pylappan	07/05/2008	Mike Matas	08/28/2008	Richard Williamson	07/05/2008	
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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	
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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>12119316</td></tr></tbody></table>	Property Type	Number	Application Number:	12119316							
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Application Number:	12119316										
CORRESPONDENCE DATA											
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	18962-0193001										
NAME OF SUBMITTER:	Kathy Jordan										
Total Attachments: 3											

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REEL: 021727 FRAME: 0880

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Christopher Blumenberg, Seejo Pylappan, Mike Matas, Richard Williamson, 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

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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 May 12, 2008  
☒ under Application No. 12/119,316  
☐ 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.

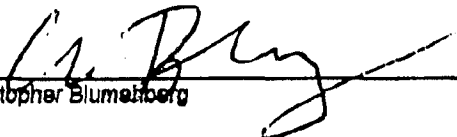
Attorney Docket No.: 18962-193001/P6461US1

Executed this

Signature of Inventor

5 day of May 2008

Christopher Blumhertz

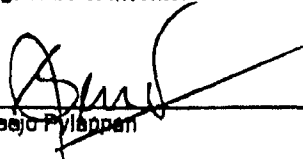


Executed this

Signature of Inventor

5th day of JULY 2008

Sejo Pylapen



Executed this

Signature of Inventor

day of 20

Mike Matas

Executed this

Signature of Inventor

5 day of July 2008

Richard Williamson



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Executed this

Signature of Inventor

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

Christopher Blumenberg

Executed this

Signature of Inventor

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

Seejo Pylappan

Executed this

Signature of Inventor

28 day of 8, 2008

  
Mike Matas

Executed this

Signature of Inventor

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

Richard Williamson

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