

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>Ihab A. Ali</td><td>09/24/2008</td></tr><tr><td>Bernard K. Rihn</td><td>09/25/2008</td></tr></tbody></table>	Name	Execution Date	Ihab A. Ali	09/24/2008	Bernard K. Rihn	09/25/2008					
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Bernard K. Rihn	09/25/2008										
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</td></tr></table>	Name:	Apple Inc.	Street Address:	1 Infinite Loop	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014	
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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>12241009</td></tr></tbody></table>	Property Type	Number	Application Number:	12241009							
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	104677-0225-101(P5823US1)										
NAME OF SUBMITTER:	Lily Jiang										
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A S S I G N M E N T

WHEREAS, we, Ihab A. Ali and Bernie Rihn; residing in Santa Clara, California and Palo Alto, California; respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014; have made an invention in:

METHODS AND APPARATUS FOR COOLING ELECTRONIC DEVICES
THROUGH USER INTERFACES

and are about to make application for United States Letters Patent therefor, the same having been executed by us on even date(s) herewith; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, CA 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

Date _____

Thab A. Ali

Date _____

Bernie Rihn

A S S I G N M E N T

WHEREAS, we, Ihab A. Ali and Bernard K. Rihn; residing in Santa Clara, California and Palo Alto, California; respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014; have made an invention in:

METHODS AND APPARATUS FOR COOLING ELECTRONIC DEVICES
THROUGH USER INTERFACES

and are about to make application for United States Letters Patent therefor, the same having been executed by us on even date(s) herewith; and

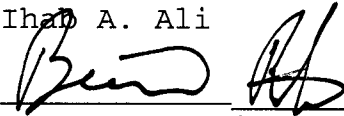
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NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and

all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

Date
09/25/2008
Date

Ihab A. Ali


Bernard K. Rihn