

**502152927 12/06/2012****PATENT ASSIGNMENT**

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	<b>CORRECTIVE ASSIGNMENT</b>										
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the spelling of the last name of the third assignor. The name is spelled MEMERING and was incorrectly recorded as MERMING. previously recorded on Reel 028711 Frame 0450. Assignor(s) hereby confirms the assignment.										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tseng-Mau Yang</td> <td>07/30/2012</td> </tr> <tr> <td>Christopher D. Prest</td> <td>07/30/2012</td> </tr> <tr> <td>Dale N. Memering</td> <td>07/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tseng-Mau Yang	07/30/2012	Christopher D. Prest	07/30/2012	Dale N. Memering	07/30/2012		
Name	Execution Date										
Tseng-Mau Yang	07/30/2012										
Christopher D. Prest	07/30/2012										
Dale N. Memering	07/30/2012										
<b>RECEIVING PARTY DATA</b>											
<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
Name:	Apple Inc.										
Street Address:	1 Infinite Loop										
City:	Cupertino										
State/Country:	CALIFORNIA										
Postal Code:	95014										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13564995</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13564995						
Property Type	Number										
Application Number:	13564995										
<b>CORRESPONDENCE DATA</b>											
Fax Number: 4158370651 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: apotter@treylawgroup.com Correspondent Name: Amanda Potter Address Line 1: 870 Market, Suite 984 Address Line 4: San Francisco, CALIFORNIA 94102											
<b>ATTORNEY DOCKET NUMBER:</b>	P15634US1										
<b>NAME OF SUBMITTER:</b>	Amanda M. Potter										
Total Attachments: 3 source=P15634US1_CorrAssignmentSheet_12062012#page1.tif source=P15634US1_CorrAssignmentSheet_12062012#page2.tif source=P15634US1_CorrAssignmentSheet_12062012#page3.tif											

OP \$40.00 13564995

700497695

**PATENT**  
**REEL: 029481 FRAME: 0399**

**502012025 08/02/2012****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>Tseng-Mau Yang</td> <td>07/30/2012</td> </tr> <tr> <td>Christopher D. Prest</td> <td>07/30/2012</td> </tr> <tr> <td>Dale N. Merming</td> <td>07/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tseng-Mau Yang	07/30/2012	Christopher D. Prest	07/30/2012	Dale N. Merming	07/30/2012		
Name	Execution Date										
Tseng-Mau Yang	07/30/2012										
Christopher D. Prest	07/30/2012										
Dale N. Merming	07/30/2012										
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</td> </tr> </table>		Name:	Apple Inc.	Street Address:	1 Infinite Loop	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014
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>13564995</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13564995						
Property Type	Number										
Application Number:	13564995										
CORRESPONDENCE DATA											
Fax Number:	4158370651										
Email:	KSoss@treyzlawgroup.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:	Kajsa Soss										
Address Line 1:	870 Market, Suite 984										
Address Line 4:	San Francisco, CALIFORNIA 94102										
ATTORNEY DOCKET NUMBER:	P15634US1										
NAME OF SUBMITTER:	Kajsa Soss										
Total Attachments: 2 source=P15634US1_Assignment_080212#page1.tif source=P15634US1_Assignment_080212#page2.tif											

OP \$40.00 13564995

**PATENT**  
**REEL: 029481 FRAME: 0400**

P15634US1

P15634US1

A S S I G N M E N T

WHEREAS, We, Tseng-Mau Yang, Christopher D. Prest, and Dale N. Memering, residing respectively in Kitchener, Ontario, San Francisco, California, and San Francisco, California, have made an invention entitled:

## DISPLAYS WITH COHERENT FIBER BUNDLES

and

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

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on (\_\_\_\_\_) under Application No. (\_\_\_\_\_), in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 65015 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 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, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and

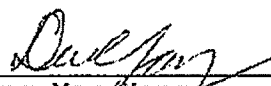
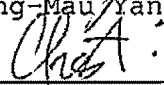
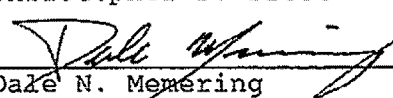
P15634US1

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 including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; 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 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 dates indicated hereinafter.

07/30/12  
Date  
07/30/12  
Date  
07/30/12  
Date

  
Tseng-Mau Yang  
  
Christopher D. Prest  
  
Dale N. Memering