

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alistair K. Chan</td> <td>06/02/2010</td> </tr> <tr> <td>Roderick A. Hyde</td> <td>05/26/2010</td> </tr> <tr> <td>Muriel Y. Ishikawa</td> <td>06/01/2010</td> </tr> <tr> <td>Jordin T. Kare</td> <td>06/16/2010</td> </tr> <tr> <td>Lowell L. Wood, Jr.</td> <td>06/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Alistair K. Chan	06/02/2010	Roderick A. Hyde	05/26/2010	Muriel Y. Ishikawa	06/01/2010	Jordin T. Kare	06/16/2010	Lowell L. Wood, Jr.	06/05/2010
Name	Execution Date												
Alistair K. Chan	06/02/2010												
Roderick A. Hyde	05/26/2010												
Muriel Y. Ishikawa	06/01/2010												
Jordin T. Kare	06/16/2010												
Lowell L. Wood, Jr.	06/05/2010												
<b>RECEIVING PARTY DATA</b>													
Name:	Searete LLC												
Street Address:	11235 SE 6th St, Suite A-200												
City:	Bellevue												
State/Country:	WASHINGTON												
Postal Code:	98004												
<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>12800239</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12800239								
Property Type	Number												
Application Number:	12800239												
<b>CORRESPONDENCE DATA</b>													
Fax Number:	(425)679-0599												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	425-467-2299												
Email:	janee@intven.com												
Correspondent Name:	Alistair K. Chan												
Address Line 1:	11235 SE 6th St, Suite A-200												
Address Line 4:	Bellevue, WASHINGTON 98004												
ATTORNEY DOCKET NUMBER:	0307-034-005-000000												
NAME OF SUBMITTER:	Alistair K. Chan												

CH \$40.00 12800239

Total Attachments: 10  
source=Asst#page1.tif  
source=Asst#page2.tif  
source=Asst#page3.tif  
source=Asst#page4.tif  
source=Asst#page5.tif  
source=Asst#page6.tif  
source=Asst#page7.tif  
source=Asst#page8.tif  
source=Asst#page9.tif  
source=Asst#page10.tif

## ASSIGNMENT

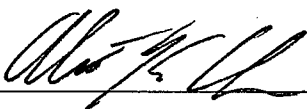
WHEREAS, we, Alistair K. Chan, Roderick A. Hyde, Muriel Y. Ishikawa, Jordin T. Kare and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 9769 NE Murden Cove Dr., Bainbridge Island, WA 98110, 9915 161<sup>st</sup> Avenue NE, Redmond, WA 98053, 1185 Hillcrest Avenue, Livermore, CA 94550, 908 15<sup>th</sup> Avenue E, Seattle, WA 98112 and 989 112<sup>th</sup> Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "OPTICAL POWER DISTRIBUTION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on May 11, 2010 and assigned Application No. 12/800,239; and

WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 – 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the

same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

06/02/2010  
Date

  
Alistair K. Chan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Roderick A. Hyde

\_\_\_\_\_  
Date

\_\_\_\_\_  
Muriel Y. Ishikawa

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jordin T. Kare

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lowell L. Wood, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Energy- 034/0307-034-005 Optical Power Distribution/assgt-joint-post.doc>

## ASSIGNMENT

WHEREAS, we, Alistair K. Chan, Roderick A. Hyde, Muriel Y. Ishikawa, Jordin T. Kare and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 9769 NE Murden Cove Dr., Bainbridge Island, WA 98110, 9915 161<sup>st</sup> Avenue NE, Redmond, WA 98053, 1185 Hillcrest Avenue, Livermore, CA 94550, 908 15<sup>th</sup> Avenue E, Seattle, WA 98112 and 989 112<sup>th</sup> Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "OPTICAL POWER DISTRIBUTION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on May 11, 2010 and assigned Application No. 12/800,239; and

WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 - 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the

same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Alistair K. Chan

5/26/2010  
\_\_\_\_\_  
Date

Roderick A. Hyde  
\_\_\_\_\_  
Roderick A. Hyde

\_\_\_\_\_  
Date

\_\_\_\_\_  
Muriel Y. Ishikawa

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jordin T. Kare

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lowell L. Wood, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Energy- 034/0307-034-005 Optical Power Distribution/assgt-joint-post.doc>

## ASSIGNMENT

WHEREAS, we, Alistair K. Chan, Roderick A. Hyde, Muriel Y. Ishikawa, Jordin T. Kare and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 9769 NE Murden Cove Dr., Bainbridge Island, WA 98110, 9915 161<sup>st</sup> Avenue NE, Redmond, WA 98053, 1185 Hillcrest Avenue, Livermore, CA 94550, 908 15<sup>th</sup> Avenue E, Seattle, WA 98112 and 989 112<sup>th</sup> Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "OPTICAL POWER DISTRIBUTION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on May 11, 2010 and assigned Application No. 12/800,239; and

WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 – 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the

same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Alistair K. Chan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Roderick A. Hyde

*June 1, 2010*  
\_\_\_\_\_  
Date

*Muriel Y. Ishikawa*  
\_\_\_\_\_  
Muriel Y. Ishikawa

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jordin T. Kare

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lowell L. Wood, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Energy- 034/0307-034-005 Optical Power Distribution/assgt-joint-post.doc>



## ASSIGNMENT

WHEREAS, we, Alistair K. Chan, Roderick A. Hyde, Muriel Y. Ishikawa, Jordin T. Kare and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 9769 NE Murden Cove Dr., Bainbridge Island, WA 98110, 9915 161<sup>st</sup> Avenue NE, Redmond, WA 98053, 1185 Hillcrest Avenue, Livermore, CA 94550, 908 15<sup>th</sup> Avenue E, Seattle, WA 98112 and 989 112<sup>th</sup> Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "OPTICAL POWER DISTRIBUTION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on May 11, 2010 and assigned Application No. 12/800,239; and

WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 – 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the

same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

---

Date

---

Alistair K. Chan

---

Date

---

Roderick A. Hyde

---

Date

---

Muriel Y. Ishikawa

---

Date

6/16/2010

---

Jordin T. Kare

---

Date

---

Lowell L. Wood, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Energy- 034/0307-034-005 Optical Power Distribution/assgt-joint-post.doc>

## ASSIGNMENT

WHEREAS, we, Alistair K. Chan, Roderick A. Hyde, Muriel Y. Ishikawa, Jordin T. Kare and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 9769 NE Murden Cove Dr., Bainbridge Island, WA 98110, 9915 161<sup>st</sup> Avenue NE, Redmond, WA 98053, 1185 Hillcrest Avenue, Livermore, CA 94550, 908 15<sup>th</sup> Avenue E, Seattle, WA 98112 and 989 112<sup>th</sup> Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "OPTICAL POWER DISTRIBUTION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on May 11, 2010 and assigned Application No. 12/800,239; and

WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 – 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the

same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Alistair K. Chan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Roderick A. Hyde

\_\_\_\_\_  
Date

\_\_\_\_\_  
Muriel Y. Ishikawa

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jordin T. Kare

\_\_\_\_\_  
Date  
*5 June 2010*

\_\_\_\_\_  
*Lowell L. Wood, Jr.*  
Lowell L. Wood, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Energy- 034/0307-034-005 Optical Power Distribution/assgt-joint-post.doc>