

FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE

1-31-92

CORRECTED RECORDATION FORM COVER SHEET

Patent and Trademark Office

Docket No. 0208-002-008-000000

**PATENTS ONLY**

## 1. Name of conveying party(ies):

Roderick A. Hyde     Mark A. Malamud  
Muriel Y. Ishikawa   Elizabeth A. Sweeney  
Eric C. Leuthardt     Lowell L. Wood, Jr.  
Royce A. Levien       Victoria Y.H. Wood  
Robert W. Lord

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

## 2. Name and address of receiving party(ies):

Searete LLC  
1756 114th Avenue SE  
Suite 110  
Bellevue, WA 98004

Additional name(s) and Address(es) attached:?

☐ YES ☒ NO

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: August 4, 2008; August 11, 2008; August 4, 2008; September 4, 2008; August 9, 2008;  
October 9, 2008; August 10, 2008; November 22, 2008; and August 11, 2008.

## 4. Application number(s) or patent number(s):

Serial No. 12/220,706 Filed: July 25, 2008

If this document is being filed together with a new application, the execution date of the application is:

**A. Patent Application No.(s)**

12/220,706

**B. Patent No.(s)**Additional numbers attached: ☐ YES ☒ NO

5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

**Customer No. 71484**

SUITER • SWANTZ PC LLO

Sean P. Suiter

14301 FNB Parkway, Suite 220

Omaha, NE 68154-5299

6. Total number of applications and patents  
involved: **ONE**

7. Total fee (37 CFR 3.41) **\$ 40.00**

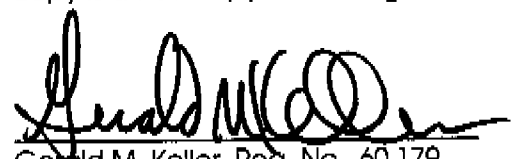
☒ Authorized to be charged to deposit  
account 19-4882.

(Attach duplicate copy of this page if paying by deposit account).

**DO NOT USE THIS SPACE**

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached  
copy is a true copy of the original document.



Gerald M. Keller, Reg. No. 60,179

DATE: December 2, 2008

Total number of pages comprising cover sheet: **ONE****REEL: 021914 FRAME: 0488**

CH \$40.00 194882 12220706

## ASSIGNMENT

WHEREAS, I, **Roderick A. Hyde**, (hereinafter referred to as ASSIGNOR), having post office address of 9915 161<sup>st</sup> Avenue N.E., Redmond, Washington, 98052, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706 ; 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 therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

8/4/2008

Date

Roderick A. Hyde

Roderick A. Hyde

## ASSIGNMENT

WHEREAS, I, **Muriel Y. Ishikawa**, (hereinafter referred to as ASSIGNOR), having post office address of 1185 Hillcrest Avenue, Livermore, California, 94550-4921, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706 ; 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 therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

August 11, 2008

Date

Muriel Y. Ishikawa

Muriel Y. Ishikawa

## ASSIGNMENT

WHEREAS, I, **Eric C. Leuthardt**, (hereinafter referred to as ASSIGNOR), having post office address of 6358 Pershing Avenue, St. Louis, Missouri, 63130, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706 ; and

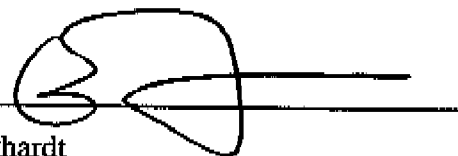
WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 - 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

8/4/08

Date

Eric C. Leuthardt



## ASSIGNMENT


WHEREAS, I, **Royce A. Levien**, (hereinafter referred to as ASSIGNOR), having post office address of 43 Somerset Road, Lexington, Massachusetts, 02420-3519, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706; 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 therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

2008-09-04

Date

  
\_\_\_\_\_  
Royce A. Levien

## ASSIGNMENT

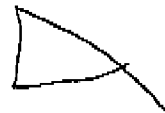
WHEREAS, I, **Robert W. Lord**, (hereinafter referred to as ASSIGNOR), having post office address of 1410 41<sup>st</sup> Avenue East, Seattle, WA, 98112, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706 ; 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 therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

8/9/2008

Date



Robert W. Lord

## ASSIGNMENT

WHEREAS, I, **Mark A. Malamud**, (hereinafter referred to as ASSIGNOR), having post office address of Highcastle, 1508 Ninth Avenue West, Seattle, WA, 98119, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706; and

WHEREAS, Scarete 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 therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

10-9-08

Date

  
Mark A. Malamud

## ASSIGNMENT

WHEREAS, I, **Elizabeth A. Sweeney**, (hereinafter referred to as **ASSIGNOR**), having post office address of 702 N. 143<sup>rd</sup> Street, Seattle, Washington, 98133, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706 ; 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 therefore 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, **ASSIGNOR** hereby sells, assigns and transfers 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 **ASSIGNOR** had this assignment, transfer and sale not been made. **ASSIGNOR** hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to **ASSIGNEE**. **ASSIGNOR** agrees 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 therefore.

Aug 19 2008  
Date

Elizabeth A. Sweeney  
Elizabeth A. Sweeney



## ASSIGNMENT

WHEREAS, I, Lowell L. Wood, Jr., (hereinafter referred to as ASSIGNOR), having post office address of 989 112<sup>th</sup> Avenue N.E. #2310, Bellevue, Washington, 98004, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706; 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 therefore in the United States and in any and all foreign countries;

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22 November 2008Lowell L. Wood, Jr.

Date

Lowell L. Wood, Jr.

## ASSIGNMENT

WHEREAS, I, **Victoria Y.H. Wood**, (hereinafter referred to as ASSIGNOR), having post office address of 1185 Hillcrest Avenue, Livermore, California, 94550-4921, am the joint inventor of an invention entitled "Systems and Apparatus for Measuring a Bioactive Agent Effect," as described and claimed in the specification for which an application for United States letters patent was filed on July 25, 2008, and assigned Application No. 12/220,706 ; 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 therefore 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 therefore.

August 11<sup>th</sup>, 2008

Date

Victoria Y.H. Wood

Victoria Y.H. Wood