

12-20-2007



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SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Y

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

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

- | | |
|-----------------------|--------------------------|
| 1) EDWARD S. BOYDEN | 9) MICHAEL A. SMITH |
| 2) RODERICK A. HYDE | 10) CLARENCE T. TEGREENE |
| 3) MURIEL Y. ISHIKAWA | 11) THOMAS A. WEAVER |
| 4) EDWARD K.Y. JUNG | 12) CHARLES WHITMER |
| 5) ERIC C. LEUTHARDT | 13) LOWELL L. WOOD, JR. |
| 6) ROBERT W. LORD | 14) VICTORIA Y.H. WOOD |
| 7) NATHAN P. MYHRVOLD | |
| 8) DENNIS J. RIVET | |

Additional names of conveying parties attached? ☒ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other _____

Execution Dates:

- | | |
|---------------|----------------|
| 1) 09/28/2007 | 8) 11/03/2007 |
| 2) 11/19/2007 | 9) 11/26/2007 |
| 3) 11/21/2007 | 10) 10/30/2007 |
| 4) 11/07/2007 | 11) 12/11/2007 |
| 5) 11/04/2007 | 12) 12/12/2007 |
| 6) 10/28/2007 | 13) 11/03/2007 |
| 7) 11/05/2007 | 14) 11/24/2007 |

2. Name and address of receiving party:

Name: SEARETE LLC

Internal Address: _____

Street Address: 1756 - 114TH AVE. S.E., # 110City: BELLEVUEState WAZip: 98004Additional names & addresses attached? ☐ Yes ☒ No

4. Application number(s) or registration number(s):

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

A. Patent Application No(s).

11/906,151

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: SEARETE LLCInternal Address: CLARENCE T. TEGREENEStreet Address: 1756 - 114th Ave. S.E., # 110City: Bellevue State: WA ZIP: 980046. Total number of applications and patents involved.....17. Total Fee (37 CFR 3.41):\$40☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

502857 12/19/2007 MGETACHE 00000000 11906151

01 FC:0021

48.00 DP

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.*GLENN B. FOSTER

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 43

ASSIGNMENT

WHEREAS, we, Edward S. Boyden, Roderick A. Hyde, Muriel Y. Ishikawa, Edward K.Y. Jung, Eric C. Leuthardt, Robert W. Lord, Nathan P. Myhrvold, Dennis J. Rivet, Michael A. Smith, Clarence T. Tegreene, Thomas A. Weaver, Charles Whitmer, Lowell L. Wood, Jr. and Victoria Y.H. Wood (hereinafter referred to as ASSIGNORS), having post office addresses of 100 Memorial Dr. #11-2C, Cambridge, MA 02142; 9915 – 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550-4921; 13420 NE 36th Street, Bellevue, WA 98005-1403; 5561 Waterman Blvd Condo 1 West, St Louis, MO 63112; 1410 41st Avenue East, Seattle, WA 98112; 7939 Overlake Dr. West, Medina, WA 98039; 625B High Street, Portsmouth, VA 23704; 23246 38th Way, Phoenix, AZ 85050; 10629 NE 17th Street, Bellevue, WA 98004-2834; 101 Arroyo Court No. 8, San Mateo, CA 94402; 15509 Uplands Way S.E., North Bend, WA 98045; 989 112th Avenue NE #2310, Bellevue, WA 98004 and 1185 Hillcrest Avenue, Livermore, CA 94550-4921, respectively, are the joint inventors of an invention entitled “X-RAY FLUORESCENCE VISUALIZING, IMAGING, OR INFORMATION PROVIDING OF CHEMICALS, COMPOUNDS, OR BIOLOGICAL MATERIALS,” as described and claimed in the specification for which an application for United States letters patent was filed on September 28, 2007 and assigned Application No. 11/906,151; and

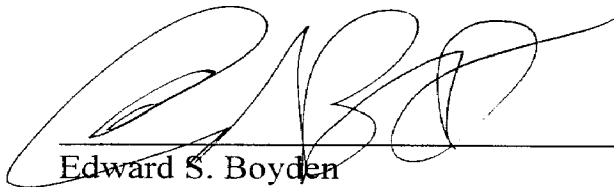
WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 – 114th Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and 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.



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Nov. 21, 2007
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WHEREAS, we, Edward S. Boyden, Roderick A. Hyde, Muriel Y. Ishikawa, Edward K.Y. Jung, Eric C. Leuthardt, Robert W. Lord, Nathan P. Myhrvold, Dennis J. Rivet, Michael A. Smith, Clarence T. Tegreene, Thomas A. Weaver, Charles Whitmer, Lowell L. Wood, Jr. and Victoria Y.H. Wood (hereinafter referred to as ASSIGNORS), having post office addresses of 100 Memorial Dr. #11-2C, Cambridge, MA 02142; 9915 – 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550-4921; 13420 NE 36th Street, Bellevue, WA 98005-1403; 5561 Waterman Blvd Condo 1 West, St Louis, MO 63112; 1410 41st Avenue East, Seattle, WA 98112; 7939 Overlake Dr. West, Medina, WA 98039; 625B High Street, Portsmouth, VA 23704; 23246 38th Way, Phoenix, AZ 85050; 10629 NE 17th Street, Bellevue, WA 98004-2834; 101 Arroyo Court No. 8, San Mateo, CA 94402; 15509 Uplands Way S.E., North Bend, WA 98045; 989 112th Avenue NE #2310, Bellevue, WA 98004 and 1185 Hillcrest Avenue, Livermore, CA 94550-4921, respectively, are the joint inventors of an invention entitled “X-RAY FLUORESCENCE VISUALIZING, IMAGING, OR INFORMATION PROVIDING OF CHEMICALS, COMPOUNDS, OR BIOLOGICAL MATERIALS,” as described and claimed in the specification for which an application for United States letters patent was filed on September 28, 2007 and assigned Application No. 11/906,151; 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 – 114th 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;

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Date

11/3/07

Dennis J. Rivet

D. Rivet

Date

Michael A. Smith

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Clarence T. Tegreene

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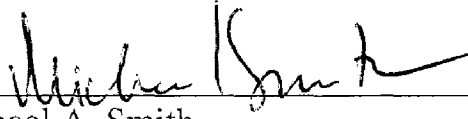
Robert W. Lord

Date Nathan P. Myhrvold

Date Dennis J. Rivet

11.26.07

Date Michael A. Smith



Date Clarence T. Tegreene

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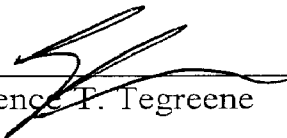
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10/30/7


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3 November 2007

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Date

Lowell L. Wood, Jr.

November 29, 2007

Date

Victoria Y.H. Wood
Victoria Y.H. Wood

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