



103536519

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 K.Y. JUNG  
2) ROYCE A. LEVIEN  
3) ROBERT W. LORD  
4) MARK A. MALAMUD  
5) JOHN D. RINALDO, JR.  
6)

Additional names of conveying parties attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

## Execution Dates:

- 1) NOVEMBER 17, 2008 4) OCTOBER 2, 2008  
2) OCTOBER 1, 2008 5) NOVEMBER 11, 2008  
3) OCTOBER 6, 2008 6) \_\_\_\_\_

## 2. Name and address of receiving party:

Name: SEARETE LLC

Internal Address: \_\_\_\_\_

Street Address: 1756 - 114<sup>TH</sup> AVE. S.E., # 110City: BELLEVUE State: 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).

12/231,325

## 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 - 114<sup>th</sup> Ave. S.E., # 110City: Bellevue State: WA ZIP: 98004

## 6. Total number of applications and patents involved.....

1

## 7. Total Fee (37 CFR 3.41): ..... \$40

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

502857 11/21/2008 DBYRNE 00000091 502857 12231325

DO NOT USE THIS SPACE

01 FC:0021

40.00 DA

## 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.

DAVID S. ROMNEY

Name of Person Signing

Signature

19 Nov 2008

Date

Total number of pages including cover sheet, attachments, and document: 11

## ASSIGNMENT

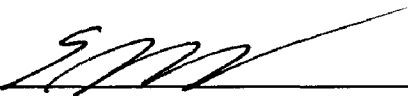
WHEREAS, we, Edward K.Y. Jung; Royce A. Levien; Robert W. Lord; Mark A. Malamud and John D. Rinaldo, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1410 – 41<sup>st</sup> Avenue East, Seattle, WA 98112; 1508 Ninth Avenue West, Seattle, WA 98119; and 1560 – 134<sup>th</sup> Avenue S.E. #301, Bellevue, WA 98005-8030, respectively, are the joint inventors of an invention entitled “IMAGE MAPPING TO PROVIDE VISUAL GEOGRAPHIC PATH,” as described and claimed in the specification for which an application for United States letters patent was filed on August 29, 2008 and assigned Application No. 12/231,325; 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.

11/17/08  
Date

  
Edward K.Y. Jung

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert W. Lord

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark A. Malamud

\_\_\_\_\_  
Date

\_\_\_\_\_  
John D. Rinaldo, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Data Architecture-003/0904-003-038-CIP001 Image Mapping-Visual Geographic Path/assgt-joint-post.doc>

## ASSIGNMENT

WHEREAS, we, Edward K.Y. Jung; Royce A. Levien; Robert W. Lord; Mark A. Malamud and John D. Rinaldo, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1410 – 41<sup>st</sup> Avenue East, Seattle, WA 98112; 1508 Ninth Avenue West, Seattle, WA 98119; and 1560 – 134<sup>th</sup> Avenue S.E. #301, Bellevue, WA 98005-8030, respectively, are the joint inventors of an invention entitled "IMAGE MAPPING TO PROVIDE VISUAL GEOGRAPHIC PATH," as described and claimed in the specification for which an application for United States letters patent was filed on August 29, 2008 and assigned Application No. 12/231,325; 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

\_\_\_\_\_  
Edward K. Y. Jung

\_\_\_\_\_  
2008-10-01

\_\_\_\_\_  
Date

\_\_\_\_\_  
Royce A. Lavien

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert W. Lord

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark A. Malamud

\_\_\_\_\_  
Date

\_\_\_\_\_  
John D. Rinaldo, Jr.

<https://isf.intvsn.com/Shared Documents/Patents Filed-Active Drafts/Data Architecture-003/0904-003-038-CIP001 Image Mapping-Visual Geographic Path/assgt-joint-post.doc>

# ASSIGNMENT

WHEREAS, we, Edward K.Y. Jung; Royce A. Levien; Robert W. Lord; Mark A. Malamud and John D. Rinaldo, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1410 – 41<sup>st</sup> Avenue East, Seattle, WA 98112; 1508 Ninth Avenue West, Seattle, WA 98119; and 1560 – 134<sup>th</sup> Avenue S.E. #301, Bellevue, WA 98005-8030, respectively, are the joint inventors of an invention entitled “IMAGE MAPPING TO PROVIDE VISUAL GEOGRAPHIC PATH,” as described and claimed in the specification for which an application for United States letters patent was filed on August 29, 2008 and assigned Application No. 12/231,325; 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

\_\_\_\_\_  
Edward K.Y. Jung

\_\_\_\_\_  
Date

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

10/6/08  
\_\_\_\_\_  
Date

X  
\_\_\_\_\_  
Robert W. Lord

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark A. Malamud

\_\_\_\_\_  
Date

\_\_\_\_\_  
John D. Rinaldo, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Data Architecture-003/0904-003-038-CIP001 Image Mapping-Visual Geographic Path/assgt-joint-post.doc>

## ASSIGNMENT

WHEREAS, we, Edward K.Y. Jung; Royce A. Levien; Robert W. Lord; Mark A. Malamud and John D. Rinaldo, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1410 - 41<sup>st</sup> Avenue East, Seattle, WA 98112; 1508 Ninth Avenue West, Seattle, WA 98119; and 1560 - 134<sup>th</sup> Avenue S.E. #301, Bellevue, WA 98005-8030, respectively, are the joint inventors of an invention entitled "IMAGE MAPPING TO PROVIDE VISUAL GEOGRAPHIC PATH," as described and claimed in the specification for which an application for United States letters patent was filed on August 29, 2008 and assigned Application No. 12/231,325; 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 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

\_\_\_\_\_  
Edward K.Y. Jung

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert W. Lord

\_\_\_\_\_  
Date

10-2-08

\_\_\_\_\_  
Mark A. Malamed

\_\_\_\_\_  
Date

\_\_\_\_\_  
John D. Rinaldo, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Data Architecture-003/0904-003-038-CIP001 Image Mapping-Visual Geographic Pat/assgt-joint-post.doc>

# ASSIGNMENT

WHEREAS, we, Edward K.Y. Jung; Royce A. Levien; Robert W. Lord; Mark A. Malamud and John D. Rinaldo, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1410 – 41<sup>st</sup> Avenue East, Seattle, WA 98112; 1508 Ninth Avenue West, Seattle, WA 98119; and 1560 – 134<sup>th</sup> Avenue S.E. #301, Bellevue, WA 98005-8030, respectively, are the joint inventors of an invention entitled “IMAGE MAPPING TO PROVIDE VISUAL GEOGRAPHIC PATH,” as described and claimed in the specification for which an application for United States letters patent was filed on August 29, 2008 and assigned Application No. 12/231,325; 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

\_\_\_\_\_  
Edward K.Y. Jung

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert W. Lord

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark A. Malamud

\_\_\_\_\_  
Date

November 11, 2008

  
\_\_\_\_\_  
John D. Rinaldo, Jr.

<https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Data Architecture-003/0904-003-038-CIP001 Image Mapping-Visual Geographic Path/assgt-joint-post.doc>