

06-18-2009



To the Honorable Commissioner of Pat.

103564156

Attached original document or copy thereof.

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

- 1) JOHN ROGERS GILLELAND  
2) RODERICK A. HYDE  
3) MURIEL Y. ISHIKAWA  
4) NATHAN P. MYHRVOLD  
5) LOWELL L. WOOD, JR.

Additional names of conveying parties attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

## Execution Dates:

- 1) APRIL 15, 2009 4) APRIL 16, 2009  
2) APRIL 14, 2009 5) JUNE 11, 2009  
3) JUNE 12, 2009

## 2. Name and address of receiving party:

Name: SEARETE LLC

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

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

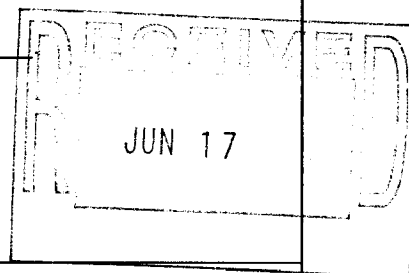
## 4. Application number(s) or registration number(s):

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

## A. Patent Application No(s).

12/381,899

## 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

06/17/2009 DRYNE 00000 33 502857 12341899

01 FC:8021

40.00 DA

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.

CLARENCE T. TEGREENE

Name of Person Signing

Signature

Date

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

# ASSIGNMENT


WHEREAS, we, John Rogers Gilleland; Roderick A. Hyde; Muriel Y. Ishikawa; Nathan P. Myhrvold; and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550; 7939 Overlake Dr. West, Medina, WA 98039; and 989 112th Avenue N.E. #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "AUTOMATED NUCLEAR POWER REACTOR FOR LONG-TERM OPERATION" as described and claimed in the specification for which an application for United States letters patent was filed on March 16, 2009 and assigned Application No. 12/381,899; 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.

April 15, 2009  
Date

  
John Rogers Gilleland

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Nathan P. Myhrvold

\_\_\_\_\_  
Date

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

# ASSIGNMENT

WHEREAS, we, John Rogers Gilleland; Roderick A. Hyde; Muriel Y. Ishikawa; Nathan P. Myhrvold; and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550; 7939 Overlake Dr. West, Medina, WA 98039; and 989 112th Avenue N.E. #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "AUTOMATED NUCLEAR POWER REACTOR FOR LONG-TERM OPERATION" as described and claimed in the specification for which an application for United States letters patent was filed on March 16, 2009 and assigned Application No. 12/381,899; 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

\_\_\_\_\_  
John Rogers Gilleland

4/14/2009  
\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Nathan P. Myhrvold

\_\_\_\_\_  
Date

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

[https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0806-032-001-C00001\\_Automated\\_Nuclear\\_Power/assgt-joint-post.doc](https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0806-032-001-C00001_Automated_Nuclear_Power/assgt-joint-post.doc)

## ASSIGNMENT

WHEREAS, we, John Rogers Gilleland; Roderick A. Hyde; Muriel Y. Ishikawa; Nathan P. Myhrvold; and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550; 7939 Overlake Dr. West, Medina, WA 98039; and 989 112th Avenue N.E. #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "AUTOMATED NUCLEAR POWER REACTOR FOR LONG-TERM OPERATION" as described and claimed in the specification for which an application for United States letters patent was filed on March 16, 2009 and assigned Application No. 12/381,899; 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 John Rogers Gilleland

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

June 12, 2009  
Date Muriel Y. Ishikawa

\_\_\_\_\_  
Date Nathan P. Myhrvold

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

[https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0806-032-001-C00001\\_Automated\\_Nuclear\\_Power/assgt-joint-post.doc](https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0806-032-001-C00001_Automated_Nuclear_Power/assgt-joint-post.doc)

# ASSIGNMENT

WHEREAS, we, John Rogers Gilleland; Roderick A. Hyde; Muriel Y. Ishikawa; Nathan P. Myhrvold; and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550; 7939 Overlake Dr. West, Medina, WA 98039; and 989 112th Avenue N.E. #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "AUTOMATED NUCLEAR POWER REACTOR FOR LONG-TERM OPERATION" as described and claimed in the specification for which an application for United States letters patent was filed on March 16, 2009 and assigned Application No. 12/381,899; 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

\_\_\_\_\_  
John Rogers Gilleland

\_\_\_\_\_  
Date

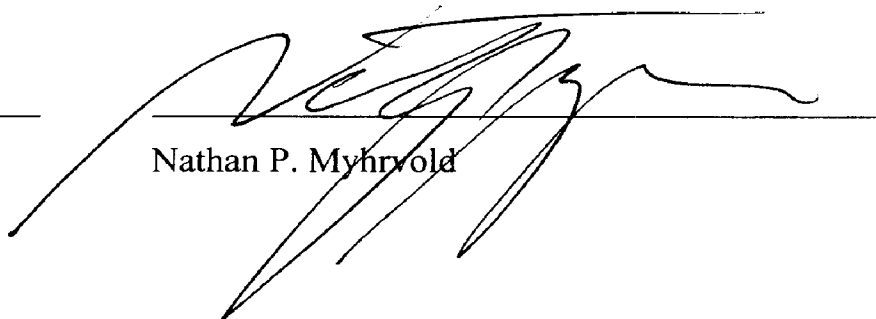
\_\_\_\_\_  
Roderick A. Hyde

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
APRIL 16, 2009

\_\_\_\_\_  
Date

\_\_\_\_\_  
  
Nathan P. Myhrvold

\_\_\_\_\_  
Date

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

## ASSIGNMENT

WHEREAS, we, John Rogers Gilleland; Roderick A. Hyde; Muriel Y. Ishikawa; Nathan P. Myhrvold; and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550; 7939 Overlake Dr. West, Medina, WA 98039; and 989 112th Avenue N.E. #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "AUTOMATED NUCLEAR POWER REACTOR FOR LONG-TERM OPERATION" as described and claimed in the specification for which an application for United States letters patent was filed on March 16, 2009 and assigned Application No. 12/381,899; 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 John Rogers Gilleland

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

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

\_\_\_\_\_  
Date Nathan P. Myhrvold

*11 June 2009*  
\_\_\_\_\_  
Date Lowell L. Wood, Jr.

[https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0806-032-001-C00001\\_Automated\\_Nuclear\\_Power/assgt-joint-post.doc](https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0806-032-001-C00001_Automated_Nuclear_Power/assgt-joint-post.doc)