

12-08-2008

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



To the Honorable Commissioner of I

103538364

attached original document or copy thereof.

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

- 1) CHARLES E. AHLFELD
- 2) JOHN ROGERS GILLELAND
- 3) RODERICK A. HYDE
- 4) MURIEL Y. ISHIKAWA
- 5) DAVID G. MCALEES
- 6) NATHAN P. MYHRVOLD
- 7) THOMAS ALLAN WEAVER
- 8) CHARLES WHITMER
- 9) 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) <u>OCTOBER 28, 2008</u> | 6) <u>OCTOBER 24, 2008</u> |
| 2) <u>NOVEMBER 11, 2008</u> | 7) <u>NOVEMBER 18, 2008</u> |
| 3) <u>OCTOBER 23, 2008</u> | 8) <u>NOVEMBER 19, 2008</u> |
| 4) <u>NOVEMBER 16, 2008</u> | 9) <u>NOVEMBER 1, 2008</u> |
| 5) <u>NOVEMBER 3, 2008</u> | |

2. Name and address of receiving party:

Name: SEARETE LLC

Internal Address: _____

Street Address: 1756 - 114TH AVE. S.E., # 110

City: BELLEVUE

State WA

Zip: 98004

Additional 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).

12/286,548

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 LLC

Internal Address: CLARENCE T. TEGREENE

Street Address: 1756 - 114th Ave. S.E., # 110

City: Bellevue State: WA ZIP: 98004

6. Total number of applications and patents involved.....1

7. Total Fee (37 CFR 3.41): \$40
12/05/2008 NJAMA1 00000055 12286548

☒ Enclosed 01 FC:0021

☐ Authorized to be charged to deposit account

8. Deposit account number:

502857

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

12/3/8
Date

Total number of pages including cover sheet, attachments, and document: 20

OMB No. 0651-0011 (exp 4/94) - https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0707-032-001-C00001_Heat_Pipe_Nuke_Fiss_Deflag_Wave_Reactor_Cooling/assgt cover sheet.doc

ASSIGNMENT

WHEREAS, we, Charles E. Ahlfeld, John Rogers Gilleland, Roderick A. Hyde, Muriel Y. Ishikawa, David G. McAlees, Nathan P. Myhrvold, Thomas Allan Weaver, Charles Whitmer, and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 6635 Caminito Blythefield, LaJolla, CA 92037; 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550-4921; 17425 S.E. 46th Place, Bellevue, WA 98006; 7939 Overlake Dr. West, Medina, WA 98039; 101 Arroyo Court No. 8, San Mateo, CA 94402; 15509 Uplands Way S.E., North Bend, WA 98045; and 989 112th Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "HEAT PIPE NUCLEAR FISSION DEFLAGRATION WAVE REACTOR COOLING" as described and claimed in the specification for which an application for United States letters patent was filed on September 29, 2008 and assigned Application No. 12/286,548; 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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10-28-2008
Date

Charles E. Ahlfeld
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John Rogers Gilleland

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Roderick A. Hyde

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Muriel Y. Ishikawa

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David G. McAlees

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Nathan P. Myhrvold

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Thomas Allan Weaver

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Lowell L. Wood, Jr.

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Date

Charles E. Ahlfeld

Date

11/11/2008

John Rogers Gilleland

Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

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Date

Charles E. Ahlfeld

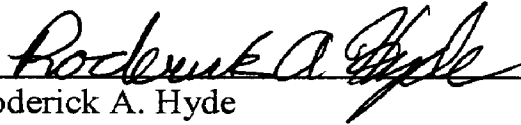
Date

John Rogers Gilleland

Date

10/23/2008

Roderick A. Hyde



Date

Muriel Y. Ishikawa

Date

David G. McAlees

Date

Nathan P. Myhrvold

Date

Thomas Allan Weaver

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

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Date

Charles E. Ahlfeld

Date

John Rogers Gilleland

Date

Roderick A. Hyde

November 16, 2008
Date

Muriel Y. Ishikawa
Muriel Y. Ishikawa

Date

David G. McAlees

Date

Nathan P. Myhrvold

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Thomas Allan Weaver

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Charles Whitmer

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November 3, 2008

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Date

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Thomas Allan Weaver

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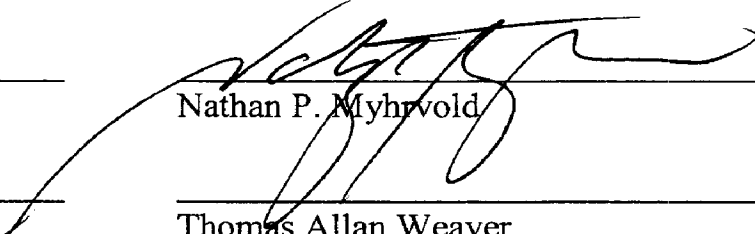
Date

Muriel Y. Ishikawa

Date

David G. McAlees

OCTOBER 24, 2008
Date



Nathan P. Myhrvold

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Thomas Allan Weaver

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Charles Whitmer

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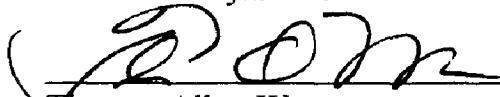
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Date 11/18/08


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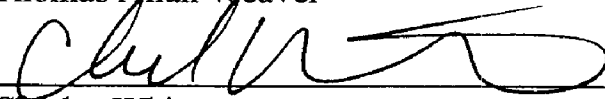
Nathan P. Myhrvold

Date

Thomas Allan Weaver

11/19/2008

Date



Charles Whitmer

Date

Lowell L. Wood, Jr.

https://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Nuclear-032/0707-032-001-C00001_Heat_Pipe_Nuke_Fiss_Deflag_Wave_Reactor_Cooling_CONTINUATION/assgt-joint-post.doc

ASSIGNMENT

WHEREAS, we, Charles E. Ahlfeld, John Rogers Gilleland, Roderick A. Hyde, Muriel Y. Ishikawa, David G. McAlees, Nathan P. Myhrvold, Thomas Allan Weaver, Charles Whitmer, and Lowell L. Wood, Jr. (hereinafter referred to as ASSIGNORS), having post office addresses of 6635 Caminito Blythefield, LaJolla, CA 92037; 13226 67th Avenue N.E., Kirkland, WA 98034; 9915 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550-4921; 17425 S.E. 46th Place, Bellevue, WA 98006; 7939 Overlake Dr. West, Medina, WA 98039; 101 Arroyo Court No. 8, San Mateo, CA 94402; 15509 Uplands Way S.E., North Bend, WA 98045; and 989 112th Avenue NE #2310, Bellevue, WA 98004, respectively, are the joint inventors of an invention entitled "HEAT PIPE NUCLEAR FISSION DEFLAGRATION WAVE REACTOR COOLING" as described and claimed in the specification for which an application for United States letters patent was filed on September 29, 2008 and assigned Application No. 12/286,548; 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.

Date

Charles E. Ahlfeld

Date

John Rogers Gilleland

Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

Date

David G. McAlees

Date

Nathan P. Myhrvold

Date

Thomas Allan Weaver

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

1 November 2008

Lowell L. Wood Jr

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