

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4576239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY A. KATALENICH	04/10/2017
BRUCE D. REID	04/11/2017
ROBERT O. GATES	04/11/2017
ANDREW W. PRICHARD	04/11/2017
BRUCE E. SCHMITT	04/11/2017
JIM LIVINGSTON	08/31/2017
RECEIVING PARTY DATA	
Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	DEPT. K1-53
Internal Address:	P.O. BOX 999
City:	RICHLAND
State/Country:	WASHINGTON
Postal Code:	99352
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15476870
CORRESPONDENCE DATA	
Fax Number:	(509)838-3424
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	5096244276
Email:	docketing@wellsstjohn.com
Correspondent Name:	ROBERT C. HYTA
Address Line 1:	601 W. MAIN
Address Line 2:	SUITE 600
Address Line 4:	SPOKANE, WASHINGTON 99201
ATTORNEY DOCKET NUMBER:	BA4-0659
NAME OF SUBMITTER:	SUSAN M. CHAMPAGNE
SIGNATURE:	/Susan M. Champagne/
DATE SIGNED:	08/31/2017

PATENT

Total Attachments: 7

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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Jeffrey A. Katalenich
2220 Redwood Lane
Richland, WA 99354
United States

Bruce D. Reid
20 Ridgeview Drive
Pasco, WA 99301
United States

Robert O. Gates
29402 South 984 Pr SE
Kennewick, WA 99338
United States

Andrew W. Prichard
7361 Columbia River Road
Pasco, WA 99301
United States

Bruce E. Schmitt
513 N. Oklahoma Place
Kennewick, WA 99336
United States

Jim Livingston
2888 Kelly Square
Vienna, VA 22181
United States

ASSIGNEE:

Battelle Memorial Institute
Dept. K1-53
P.O. Box 999
Richland, WA 99352
United States

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application entitled "Nuclear Reactor Assemblies, Nuclear Reactor Target Assemblies, and Nuclear Reactor Methods", United States patent application Serial No. 15/476,870 filed March 31, 2017.

Battelle Memorial Institute (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these present do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any

divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

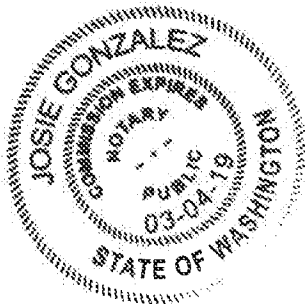
To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signed at Richland WA, on April 10, 20 17.
[city] [state]

Jeffrey A. Katalenich
Jeffrey A. Katalenich

State of Washington)
County of Benton) ss.

On April 10, 20 17, before me, a Notary Public, personally appeared Jeffrey A. Katalenich, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



SEAL

Josie Gonzalez
Notary for the State of Washington
residing at Pasco [City]
Commission Expires: 3/4/19

Signed at Richland WA, on April 11, 20 17.
[city] [state]

Bruce D. Reid
Bruce D. Reid

State of Washington)
County of Benton) ss.

On April 11, 20 17, before me, a Notary Public, personally appeared Bruce D. Reid, who is known to me to be the person

described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

SEAL



Josie Gonzalez
Notary of the State of Washington
residing at Pasco [City]
Commission Expires: 3/4/19

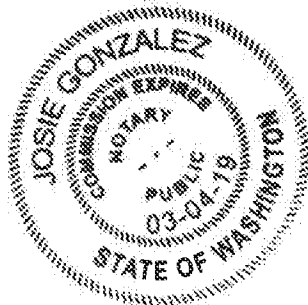
Signed at Richland WA on April 11, 20 17.
[city] [state]

Robert O. Gates
Robert O. Gates

State of Washington)
County of Benton) ss.

On April 11, 20 17, before me, a Notary Public, personally appeared Robert O. Gates, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

SEAL



Josie Gonzalez
Notary for the State of Washington
residing at Pasco [City]
Commission Expires: 3/4/19

Signed at Richland WA on April 11, 20 17.
[city] [state]

[Signature]
Andrew W. Prichard

State of Washington)
County of Benton) ss.

On April 11, 20 17, before me, a Notary Public, personally appeared Andrew W. Prichard, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

SEAL



[Signature]
Notary for the State of Washington
residing at Pasco [City]

Commission Expires: 3/4/19

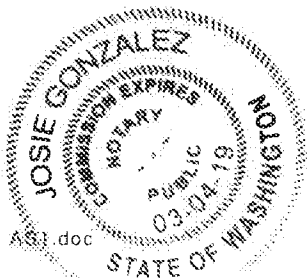
Signed at Richland WA on April 11, 20 17.
[city] [state]

[Signature]
Bruce E. Schmitt

State of Washington)
County of Benton) ss.

On April 11, 20 17, before me, a Notary Public, personally appeared Bruce E. Schmitt, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

SEAL



[Signature]
Notary for the State of Washington
residing at Pasco [City]

Commission Expires: 3/4/19

Signed at FAIRFAX VA, on Aug 31, 2017.
[city] [state]

[Signature]
Jim Livingston

State of VIRGINIA)
County of FAIRFAX) ss.

On August 31, 2017, before me, a Notary Public,
personally appeared Jim Livingston, who is known to me to be the person
described in the foregoing assignment, who executed it and acknowledged
such execution to be voluntary and for the purposes set forth therein.

[Signature]
Notary for the State of VIRGINIA
residing at FAIRFAX
[City]

Commission Expires: MARCH 31, 2018

SEAL

