

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Timothy E. McKnight	04/07/2010
M. Nance Ericson	04/07/2010
Justin S. Baba	04/07/2010
John B. Wilgen	04/23/2010
Boyd McCutchen Evans III	04/26/2010
RECEIVING PARTY DATA	
Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12729671
CORRESPONDENCE DATA	
Fax Number:	(865)574-0381
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(865) 574-0393
Email:	bowmanke@oml.gov
Correspondent Name:	Edna I. Gergel
Address Line 1:	One Bethel Valley Road
Address Line 2:	4500N, MS-6258
Address Line 4:	Oak Ridge, TENNESSEE 37831-6258
ATTORNEY DOCKET NUMBER:	2217.1

CH \$40.00 12729671

501158033

**PATENT
 REEL: 024287 FRAME: 0895**

NAME OF SUBMITTER:

Karen E. Bowman

Total Attachments: 7

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Timothy E. McKnight Boyd McCutchen Evans, III
M. Nance Ericson
Justin S. Baba
John B. Wilgen

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: UT-Battelle, LLC

Internal Address: 4500N, MS-6258

Street Address: One Bethel Valley Road

City: Oak Ridge

State: TN

Country: USA Zip: 37831-6258

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 04/26/2010

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
12/729,671

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Edna I. Gergel

Internal Address: UT-Battelle, LLC

Street Address: One Bethel Valley Road

4500N, MS-6258

City: Oak Ridge

State: TN Zip: 37831-6258

Phone Number: (865) 574-0393

Fax Number: (865) 574-0381

Email Address: gergelei@ornl.gov

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 13-1958

Authorized User Name Karen E. Bowman

9. Signature:

/Edna I. Gergel/
Signature

04/26/2010
Date

Edna I. Gergel, Reg. No. 50819
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

ASSIGNMENT

WHEREAS, we the below-named inventors whose residences and post office are as stated below, have invented certain new and useful improvements in

REMOTE ACTUATED VALVE IMPLANT

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 12/729,671 filed on March 23, 2010, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefore in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to ASSIGNEE our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefore on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Full name of inventor: Timothy E. McKnight

Signature: [Handwritten Signature] Date: 4/7/10

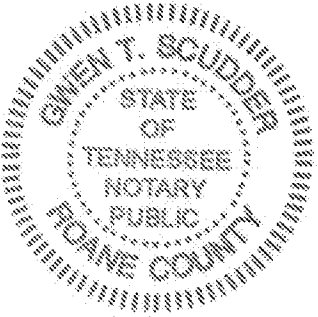
Residence: 24070 Highway 95 N. Greenback, Tennessee 37742

Post Office Address: 24070 Highway 95 N. Greenback, Tennessee 37742

State of Tennessee)
County of Roane)

On this 7 day of April, 2010, before me, a Notary Public in and for the County and State aforesaid, appeared **TIMOTHY E. MCKNIGHT** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



[Handwritten Signature]
Notary Public

SEAL

My Commission Expires:

My Commission Expires Thursday, August 14, 2012.

Full name of inventor: M. Nance Ericson

Signature: M. Nance Ericson Date: 4-7-10

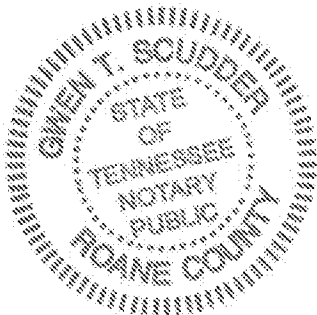
Residence: 612 Brochardt Blvd., Knoxville, Tennessee 37934

Post Office Address: 612 Brochardt Blvd., Knoxville, Tennessee 37934

State of Tennessee)
County of Roane)

On this 7 day of April, 2010, before me, a Notary Public in and for the County and State aforesaid, appeared **M. NANCE ERICSON** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Owen T. Scudder
Notary Public

SEAL

My Commission Expires:

My Commission Expires Thursday, August 14, 2012.

Full name of inventor: Justin S. Baba

Signature: [Handwritten Signature] Date: 4-7-10

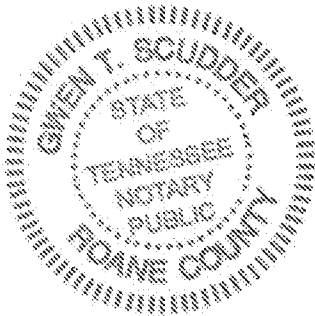
Residence: 833 Brochart Blvd., Knoxville, Tennessee 37934

Post Office Address: 833 Brochart Blvd., Knoxville, Tennessee 37934

State of Tennessee)
County of Roane)

On this 7 day of April, 2010, before me, a Notary Public in and for the County and State aforesaid, appeared **JUSTIN S. BABA** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



[Handwritten Signature]
Notary Public

SEAL

My Commission Expires:

My Commission Expires Thursday, August 14, 2012.

Full name of inventor: John B. Wilgen

Signature: John B. Wilgen Date: 4/23/2010

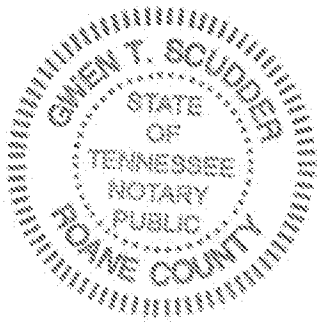
Residence: 108 Oklahoma Avenue, Oak Ridge, Tennessee 37830

Post Office Address: 108 Oklahoma Avenue, Oak Ridge, Tennessee 37830

State of Tennessee)
County of Roane)

On this 23 day of April, 2010, before me, a Notary Public in and for the County and State aforesaid, appeared **JOHN B. WILGEN** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Owen T. Scudder
Notary Public

SEAL

My Commission Expires:

My Commission Expires Thursday, August 14, 2012.

Full name of inventor: Boyd McCutchen Evans, III

Signature: [Handwritten Signature] Date: 4-26-2010

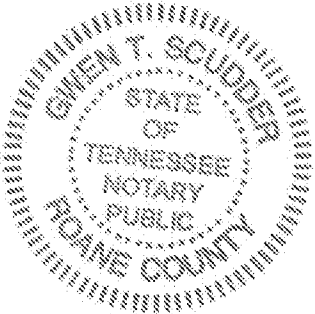
Residence: 949 W. Outer Drive, Oak Ridge, Tennessee 37830

Post Office Address: 949 W. Outer Drive, Oak Ridge, Tennessee 37830

State of Tennessee)
County of Roane)

On this 26 day of April, 2010, before me, a Notary Public in and for the County and State aforesaid, appeared **BOYD MCCUTCHEN EVANS, III** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



[Handwritten Signature]
Notary Public

SEAL

My Commission Expires: My Commission Expires Thursday, August 14, 2012.