

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Barth R. Pitchford</td> <td>01/17/2013</td> </tr> <tr> <td>William D. Pitchford</td> <td>01/17/2013</td> </tr> <tr> <td>Robert P. Simon</td> <td>01/13/2013</td> </tr> <tr> <td>Steven Nagel</td> <td>01/10/2013</td> </tr> <tr> <td>Benedict J. Nardi</td> <td>01/15/2013</td> </tr> <tr> <td>Russell S. Smith</td> <td>01/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Barth R. Pitchford	01/17/2013	William D. Pitchford	01/17/2013	Robert P. Simon	01/13/2013	Steven Nagel	01/10/2013	Benedict J. Nardi	01/15/2013	Russell S. Smith	01/15/2013
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<table border="1"> <tr> <td>Name:</td> <td>Fairfax County Water Authority</td> </tr> <tr> <td>Street Address:</td> <td>8570 Executive Park Avenue</td> </tr> <tr> <td>City:</td> <td>Fairfax</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>22031</td> </tr> </table>		Name:	Fairfax County Water Authority	Street Address:	8570 Executive Park Avenue	City:	Fairfax	State/Country:	VIRGINIA	Postal Code:	22031				
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CORRESPONDENCE DATA															
Fax Number: 7704347376 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 770-434-6868 Email: tjames@taylorenghish.com Correspondent Name: Jeffrey R. Kuester Address Line 1: 1600 Parkwood Circle, Suite 400 Address Line 4: Atlanta, GEORGIA 30339															
ATTORNEY DOCKET NUMBER:	191372-1337														
NAME OF SUBMITTER:	Jeffrey R. Kuester														

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Signature:	/jrk/
Date:	05/14/2013
<b>Total Attachments: 7</b> source=00327007#page1.tif source=00327007#page2.tif source=00327007#page3.tif source=00327007#page4.tif source=00327007#page5.tif source=00327007#page6.tif source=00327007#page7.tif	

## ASSIGNMENT

WHEREAS, WE, Barth R. PITCHFORD, with a mailing address of 4017 Trapp Road, Fairfax, Virginia 22032 USA; William D. PITCHFORD, with a mailing address of 4100 Vanderbilt Court, #302, Fairfax, Virginia 22030 USA; Robert P. SIMON, with a mailing address of 9822 Limoges Drive, Fairfax, Virginia 22032 USA; Steven NAGEL, with a mailing address of 2655 Metro Blvd, Maryland Heights, MO 54043 USA; Benedict J. NARDI, with a mailing address of 104 Ironmaster Drive, Thurmont, MD 21788 USA; and Russell S. SMITH, with a mailing address of 15425 Conad Spring Court, Boyds, MD 20841 USA have invented certain new and useful improvements in and to the subject matter of:

### SYSTEMS AND METHODS FOR GENERATING POWER THROUGH THE FLOW OF WATER

described in a United States provisional patent application filed on June 8, 2012, and accorded application number 13/492,410, I hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert above the application number of said application when known;

AND, WHEREAS, Fairfax County Water Authority, a public, non-profit water utility, chartered by the Virginia State Corporation Commission, having a place of business located at 8570 Executive Park Avenue, Fairfax, VA 22031 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any applications to which it claims priority, any other United States applications, including provisional, continuing, continuation, continuation-in-part, divisional, renewal, substitute, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Hunton & Williams LLP, whose address is 2200 Pennsylvania Ave NW, Washington, D.C. 20037-1701, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known;

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, continuation, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, WE have hereunto set our hands and seals.

1/17/13  
Date

Barth R. Pitchford  
Barth R. PITCHFORD

WITNESSES:

[Signature]  
[Signature]

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
(202) 955-1500 (TELEPHONE)  
(202) 778-2281 (FACSIMILE)

1-17-2013  
Date

William D. Pitchford  
William D. PITCHFORD

WITNESSES:

Baith R. Potentia  
John L. Pitchford

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

1/17/13  
Date

Robert P. Simon  
Robert P. SIMON

WITNESSES:

Barton R. Pincus  
phl. B. Pincus

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

11/10/13  
Date

Steven N Nagel  
Steven NAGEL

WITNESSES:

Kelly Adams  
[Signature]

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

1/15/2013  
Date

Benedict J. Nardi  
Benedict J. NARDI

WITNESSES:

[Signature]  
W.C.B.

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)



1/15/2013  
Date

  
Russell S. SMITH

WITNESSES:

B. J. Mark  
W.C. B.

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVE NW  
WASHINGTON, D.C. 20037-1701  
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