

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Houston G. Wood</td><td>02/21/2006</td></tr><tr><td>Paul E. Allaire</td><td>02/28/2006</td></tr><tr><td>Xinwei Song</td><td>02/08/2006</td></tr><tr><td>Alexandrina Untaroiu</td><td>02/27/2006</td></tr><tr><td>Amy L. Throckmorton</td><td>02/08/2006</td></tr></tbody></table>	Name	Execution Date	Houston G. Wood	02/21/2006	Paul E. Allaire	02/28/2006	Xinwei Song	02/08/2006	Alexandrina Untaroiu	02/27/2006	Amy L. Throckmorton	02/08/2006	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>University of Virginia</td></tr><tr><td>Street Address:</td><td>314 Madison Hall</td></tr><tr><td>City:</td><td>Charlottesville</td></tr><tr><td>State/Country:</td><td>VIRGINIA</td></tr><tr><td>Postal Code:</td><td>22904</td></tr></table>	Name:	University of Virginia	Street Address:	314 Madison Hall	City:	Charlottesville	State/Country:	VIRGINIA	Postal Code:	22904			
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10950176</td></tr></tbody></table>	Property Type	Number	Application Number:	10950176									
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Application Number:	10950176												
CORRESPONDENCE DATA													
Fax Number: (434)924-2493 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 4: Charlottesville, VIRGINIA 22902													
ATTORNEY DOCKET NUMBER:	ALLAIRE-ONEPASS 01044-01												
NAME OF SUBMITTER:	Robert J. Decker												

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PATENT
REEL: 017359 FRAME: 0438

Total Attachments: 7

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ASSIGNMENT

WHEREAS, we, **Houston G. Wood, Paul E. Allaire, Steven Day, Xinwei Song, Alexandrina Untaroiu and Amy L. Throckmorton** (the "Assignors"), have made an invention entitled

"Streamlined Unobstructed One-Pass Axial-Flow Pump"

described in U.S. Provisional Patent Application Serial No. 60/506,023 filed September 25, 2003; and U.S. Patent Application Serial No. 10/950,176 filed on September 24, 2004; and any subsequent patent applications claiming priority thereto; and

WHEREAS, the **University of Virginia**, 314 Madison Hall, P.O. Box 400301, Charlottesville, Virginia 22904-4301 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention and any trade secrets pertaining to the invention, and any improvements thereon, (the "Invention") and in and to said applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights, except that Assignee hereby grants back to the Assignors a royalty free non-transferrable license to make and use the Invention under the Rights for educational and research purposes, only. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and

will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and seals

Signature of Inventor / Date of Execution: Houston G. Wood
Inventor's Name: Houston G. Wood, U.S. Citizen

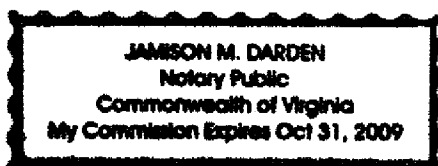
Inventor's Resident Address: 5040 Clearfields Court
Crozet, VA 22932

Place of Execution: City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) ss:
COMMONWEALTH OF VIRGINIA)

On this 21 day of February, 2006, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared Houston G. Wood, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of his free act and deed for the uses and purposes therein set forth.

Jamison M. Darden [signature, please print name below]
Jamison M. Darden Notary Public, my commission expires on October 31, 2009



Signature of Inventor / Date of Execution:

Inventor's Name:

Paul E. Allaire
Paul E. Allaire, U.S. Citizen

Inventor's Resident Address:

805 Emerson Drive
Charlottesville, VA 22901

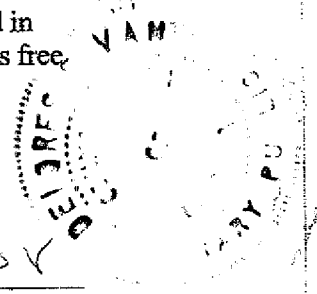
Place of Execution:

City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) SS:
COMMONWEALTH OF VIRGINIA)

On this 28th day of Feb, 2006, before me, a Notary Public in
and for the County or City aforesaid in the Commonwealth of Virginia, personally
appeared Paul E. Allaire, to me known and known to me to be the person described in
and who executed the foregoing instrument and acknowledged the same to be of his free
act and deed for the uses and purposes therein set forth.

Deborah E. Vane [signature, please print name below]
Deborah E. Vane, Notary Public, my commission expires on 2/28/08



Signature of Inventor / Date of Execution: _____
Inventor's Name: Steven Day, U.S. Citizen

Inventor's Resident Address: _____

Place of Execution: _____

COUNTY OF _____ /)
CITY OF _____) SS:
STATE OF CALIFORNIA)

On this _____ day of _____, 2006, before me, a Notary Public in
and for the County or City aforesaid in the State of California, personally appeared
Steven Day, to me known and known to me to be the person described in and who
executed the foregoing instrument and acknowledged the same to be of his free act and
deed for the uses and purposes therein set forth.

_____ [signature, please print name below]

_____, Notary Public, my commission expires on _____

Signature of Inventor / Date of Execution: Xinwei Song / 02/08/2006
Inventor's Name: Xinwei Song, Citizen of China
Inventor's Resident Address: 1239 Pheasant Ridge Dr.
Lake Zurich, IL 60047

Place of Execution: City of Arlington Heights

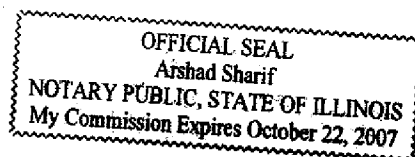
County of Lake /)
City of Arlington Heights) SS:
State of Illinois)

On this 8th day of Feb, 2006, before me, a Notary Public in and for the County or City aforesaid in the State of Illinois, personally appeared Xinwei Song, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of his free act and deed for the uses and purposed therein set forth.



[signature, please print name below]

Arshad Sharif, Notary Public, my commission expires on 10-22-2007.



Signature of Inventor / Date of Execution:
Inventor's Name:

Alex 2/27/2006
Alexandrina Untaroiu, Citizen of Romania

Inventor's Resident Address:

126 University Gardens, Apt. 1
Charlottesville, VA 22903

Place of Execution:

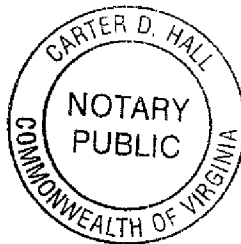
City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) SS:
COMMONWEALTH OF VIRGINIA)

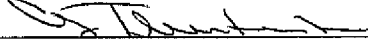
On this 27th day of Feb, 2006, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared Alexandrina Untaroiu, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of her free act and deed for the uses and purposes therein set forth

Carter D. Hall [signature, please print name below]

CARTER D. HALL Notary Public, my commission expires on 8/31/06



CARTER D. HALL
NOTARY PUBLIC
COMMONWEALTH
OF VIRGINIA
MY COMMISSION EXPIRES
AUGUST 31, 2006

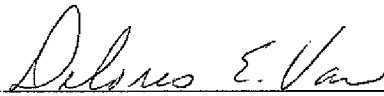
Signature of Inventor / Date of Execution: 
Inventor's Name: Amy L. Throckmorton, U S. Citizen

Inventor's Resident Address: 1680 Royal Oak Court
Charlottesville, VA 22901

Place of Execution: City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) SS:
COMMONWEALTH OF VIRGINIA)

On this 8th day of Feb, 2006, before me, a Notary Public in
and for the County or City aforesaid in the Commonwealth of Virginia, personally
appeared Amy L. Throckmorton, to me known and known to me to be the person
described in and who executed the foregoing instrument and acknowledged the same to
be of her free act and deed for the uses and purposes therein set forth

 [signature, please print name below]
Delores E. Van, Notary Public, my commission expires on 2/28/08

