

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Borzelleca</td> <td>05/22/2002</td> </tr> <tr> <td>Greg Burgreen</td> <td>06/03/2002</td> </tr> <tr> <td>James Antaki</td> <td>06/04/2002</td> </tr> <tr> <td>John Holmes</td> <td>06/05/2002</td> </tr> <tr> <td>Zhongjun Wu</td> <td>05/22/2002</td> </tr> <tr> <td>Ralph Scott Hebbert</td> <td>06/05/2002</td> </tr> </tbody> </table>		Name	Execution Date	David Borzelleca	05/22/2002	Greg Burgreen	06/03/2002	James Antaki	06/04/2002	John Holmes	06/05/2002	Zhongjun Wu	05/22/2002	Ralph Scott Hebbert	06/05/2002
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<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	University of Pittsburgh														
<b>Street Address:</b>	200 Gardner Steel Conference Center														
<b>Internal Address:</b>	Thackeray & O'Hara Streets														
<b>City:</b>	Pittsburgh														
<b>State/Country:</b>	PENNSYLVANIA														
<b>Postal Code:</b>	15260														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6761532</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6761532										
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Patent Number:	6761532														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(412)562-1041														
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<b>NAME OF SUBMITTER:</b>	John E. Grosselin, III														

**CH \$40.00 6761532**

**PATENT**

**REEL: 016480 FRAME: 0258**

Total Attachments: 2

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## ASSIGNMENT

In consideration of each of our rights and obligations under the University of Pittsburgh Patent Rights and Technology Transfer Policy and Procedures and of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, the undersigned inventors David Borzelleca, Greg Burgreen, James Antaki, John Holmes, and Zhongjun Wu and Ralph Soctt Hebbert, hereby sell, assign and transfer to the University of Pittsburgh - of the Commonwealth System of Higher Education, a non-profit corporation of the Commonwealth of Pennsylvania (Assignee), its successors, assigns and legal representatives: 1) our entire right, title and interest, for all countries, in and to any and all inventions, developments and improvements (collectively "Inventions") which are described the United States Patent Application entitled " Touchdown of Blood Pump Impellers," Serial No. 60/275,732, filed March 14, 2001 and in addition; 2) in and to any and all United States and foreign patent applications including all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said Inventions; and to all original patents, reissued patents, confirmation patents and patents of addition which have been or shall be issued on said Inventions and; 3) in and to any and all continuations, extensions, and/or renewals thereof, including all priority rights under the International Convention associated therewith for each country of the Union.

We agree that Assignee shall have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

I hereby authorize and request the United States Commissioner of Patents and Trademarks and any corresponding foreign officer to issue to Assignee, its successors, assigns and legal representatives, any and all United States and foreign Letters Patent and any patent applications on said Inventions.

I agree that, when requested, without charge to, but at the expense of Assignee, I will: 1) execute, for all countries, all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said Inventions; 2) execute all rightful oaths and other papers; 3) communicate all facts known to me/us relating to said Inventions and the history thereof; 4) testify in all legal proceedings; and 5) generally do everything possible which Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said Inventions, and for vesting title therein in Assignee, its successors, assigns and legal representatives.

I covenant with Assignee, its successors, assigns and legal representatives that I have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that the undersigned has the full right to convey the same.

Witness:

Assignor:

Zhongjun Wu  
Date

Daniel C. Boyell  
Date

~~Greg Burgreen~~ Daniel C. Boyell

Greg Burgreen  
Greg Burgreen

03 Jun 2002  
Date

03 June 2002  
Date

\_\_\_\_\_  
Date

James Antaki  
James Antaki  
6.4.02  
Date

Ralph Scott Hebbert  
6-5-02  
Date

John Holmes  
John Holmes  
6-5-02  
Date

Daniel C. Boyell  
22 May 2002  
Date

Zhongjun Wu  
Zhongjun Wu  
5-22-2002  
Date

John Holmes  
6-5-02  
Date

Ralph Scott Hebbert  
Ralph Scott Hebbert  
6-5-02  
Date