

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IGOR R. EFIMOV	03/27/2012
WENWEN LI	03/29/2012
AJIT JANARDHAN	03/29/2012
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16533355
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<b>NAME OF SUBMITTER:</b>	DANIEL H. LEE, REG. NO. 77666
<b>SIGNATURE:</b>	/DANIEL H. LEE/
<b>DATE SIGNED:</b>	08/07/2019
<b>Total Attachments: 3</b>	
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ASSIGNMENT

WHEREAS, we, Igor R. Efimov, of 1461 Highland Valley Circle, Wildwood, Missouri 63005, Wenwen Li, of 6625 Clayton Avenue, Spt. 315, St. Louis, Missouri 63139, Ajit Janardhan, of 2034 Rurline Drive, St. Louis, MO 63146 ("Assignors"), have invented certain new and useful improvements in METHOD AND DEVICE FOR THREE-STAGE ATRIAL CARDIOVERSION THERAPY, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 13/349,517, filed January 12, 2012.

WHEREAS, The Washington University ("Assignee"), a business entity organized and existing under the laws of the State of Missouri, and having its principal offices at One Brookings Drive, St. Louis, Missouri 63130, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged by us, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignors if this assignment had not been made, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original,

Application No. 13/349,517

divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 03/27/2012  
Month/Day/Year

Igor R. Efimov  
Igor R. Efimov

Subscribed to and sworn to before  
me this 27th day of March, 2012

Patricia M. Smith  
Notary Public

**PATRICIA M. SMITH**  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for St. Charles County  
My Commission Expires: June 28, 2012  
08587675

Notary Seal

Date: 03/29/2012  
Month/Day/Year

Wenwen Li  
Wenwen Li

State of Missouri  
County of St. Louis  
Subscribed to and sworn to before  
me this 29 day of March, 2012

Marwa A. Abbas  
Notary Public

Notary Seal

Marwa A. Abbas  
**MARWA A. ABBAS**  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for St. Louis County  
My Commission Expires: Apr. 27, 2015  
11178387

3/29/2012

Date: 03/29/2012  
Month/Day/Year

Ajit Janardhan  
Application No. 13/349,517

State of Missouri  
County of St. Louis  
Subscribed to and sworn to before  
me this 29 day of March, 2012.

Marwa A. Abbas  
Notary Public

Notary Seal

Marwa A. Abbas  
**MARWA A. ABBAS**  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for St. Louis County  
My Commission Expires: Apr. 27, 2015  
11178387  
March 29, 2012