

## PATENT ASSIGNMENT

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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>Aleksander Leynov</td> <td>11/18/2011</td> </tr> <tr> <td>Dave Barry</td> <td>11/30/2011</td> </tr> <tr> <td>Vikas Gupta</td> <td>12/01/2011</td> </tr> <tr> <td>Arani Bose</td> <td>11/15/2011</td> </tr> </tbody> </table>		Name	Execution Date	Aleksander Leynov	11/18/2011	Dave Barry	11/30/2011	Vikas Gupta	12/01/2011	Arani Bose	11/15/2011
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Penumbra, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1351 Harbor Bay Parkway</td> </tr> <tr> <td>City:</td> <td>Alameda</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94502</td> </tr> </table>		Name:	Penumbra, Inc.	Street Address:	1351 Harbor Bay Parkway	City:	Alameda	State/Country:	CALIFORNIA	Postal Code:	94502
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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>13253242</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13253242						
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CORRESPONDENCE DATA											
<p>Fax Number: 6504936811  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: jroeder@wsgr.com</p> <p>Correspondent Name: Joy Roeder</p> <p>Address Line 1: 650 Page Mill Road</p> <p>Address Line 4: Palo Alto, CALIFORNIA 94304</p>											
ATTORNEY DOCKET NUMBER:	41507-703.501										
NAME OF SUBMITTER:	Joy A. Roeder										
<p>Total Attachments: 1          source=Assignment#page1.tif</p>											

CH \$40.00 13253242

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Aleksander LEYNOV, of 16 Brandon Oaks Place, Walnut Creek, CA, 94597; Dave BARRY, of 10 Terra Way, Livermore, CA, 94550; Vikas GUPTA, of 1513 Vistagrand Drive, San Leandro, CA, 94577; and Arani BOSE, of 322 E. 18<sup>th</sup> Street, New York, NY 10003, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SYSTEM AND METHOD FOR TREATING ISCHEMIC STROKE

Date(s) of execution of Declaration:

Filing Date: October 5, 2011

Application No.: 13/253,242; and

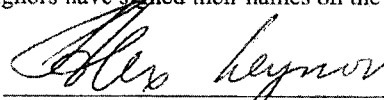
WHEREAS, Penumbra, Inc., of 1351 Harbor Bay Parkway, Alameda, CA, 94502, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

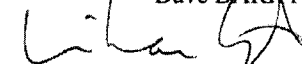
Dated: 18 Nov. 2011

  
Aleksander LEYNOV

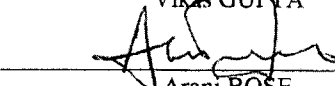
Dated: November 30, 2011

  
Dave BARRY

Dated: Dec 01, 2011

  
Vikas GUPTA

Dated: Nov 15, 2011

  
Arani BOSE