

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Brad Fowler	11/20/2008
Justin Hulvershorn	11/20/2008
Bradford E. Gliner	11/19/2008
Leif R. Sloan	11/19/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Northstar Neuroscience, Inc.
<b>Street Address:</b>	2401 Fourth Avenue, Suite 300
<b>City:</b>	Seattle
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12099415
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	337348097US1
NAME OF SUBMITTER:	John M. Wechkin

Total Attachments: 6  
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**PATENT**  
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## ASSIGNMENT BY INVENTORS

This Assignment is by Brad Fowler; Justin Hulvershorn; Bradford E. Gliner; and Leif R. Sloan (the "Assignors"), residing at 15709 - 278th Avenue NE, Duvall, Washington 98019; 409 Highland Drive, Seattle, Washington 98109; 1448 217th Ave SE, Sammamish, Washington 98075; and 2801 First Avenue, Unit 112, Seattle, Washington 98121, respectively. The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent application for Letters Patent of the United States entitled METHODS AND SYSTEMS FOR ESTABLISHING NEURAL STIMULATION PARAMETERS AND PROVIDING NEURAL STIMULATION (the "Application"), already filed on April 8, 2008 as U.S. Application No. 12/099,415.

Northstar Neuroscience, Inc., a Corporation of Washington having its principal place of business at 2401 Fourth Avenue, Suite 300, Seattle, Washington 98121 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to

issue any Patent of the United States that may be issued on the Invention(s) to Assignee.  
This Assignment may be executed in counterparts.

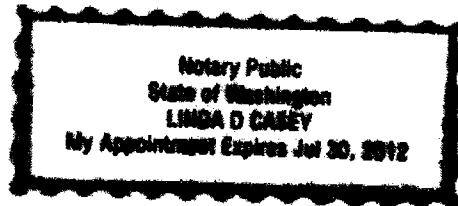
Brad Fowler  
Brad Fowler

Date: 11/20/08

United States of America )  
State of Washington ) ss.:  
County of King )

On this 20th day of November, 2008, before me personally came Brad Fowler, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda D. Casey  
Notary Public



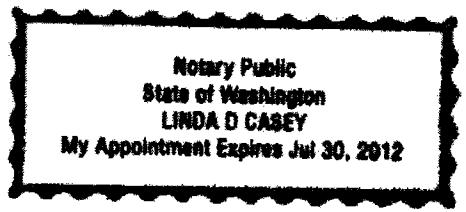
Justin Hulvershorn  
Justin Hulvershorn

Date: 11/20/08

United States of America )  
State of Washington ) ss.:  
County of King )

On this 20th day of November, 2008, before me personally came Justin Hulvershorn, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda D Casey  
Notary Public



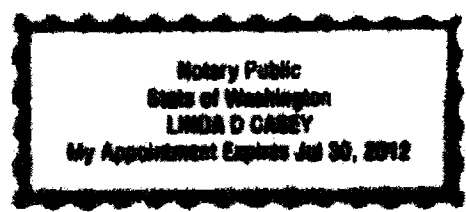
Bradford E. Gliner  
Bradford E. Gliner

Date: 11/19/08

United States of America )  
State of Washington ) ss.:  
County of King )

On this 19th day of November, 2008, before me personally came Bradford E. Gliner, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda D. Casey  
Notary Public



*[Handwritten Signature]*

Leif R. Sloan

Date: 11/19/08

United States of America )  
State of Washington ) ss.:  
County of King )

On this 19th day of November, 2008, before me personally came Leif R. Sloan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*[Handwritten Signature]*

Notary Public

