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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Bradford E. Gliner (08/04/2004)
W. Douglas Sheffield (08/04/2004)Additional name(s) of conveying party(ies)
attached?☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: see Box 1, conveying parties

2. Name and address of receiving party(ies)

Name: Northstar Neuroscience, Inc.

Internal Address:

Street Address:

2401 Fourth Avenue, Suite 300

City: Seattle

State: WA

Zip: 98121

Additional name(s) &
address(es) attached:☐ Yes☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is:

A. Patent Application No.(s):

10/832,477

B. Patent No.(s):

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Paul T. Parker
PERKINS COIE LLP

Internal Address: Atty. Dkt.: 337348056US1

Street Address:

P.O. Box 1247

City:
SeattleState:
WAZip:
98111-12476. Total number of applications and
patents involved:

1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account☐ Authorized to be charged to credit card

(Form 2038 enclosed)

8. Deposit account number:

50-0665

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.Paul T. Parker - 38,264
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 5

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV336668951US,
in an envelope addressed to: MS Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450,
Alexandria, VA 22313-1450, on the date shown below.

Signature:

Melody Almberg

(Melody Almberg)

14/2004 BBYRNE

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PATENT
REEL: 015772 FRAME: 0599

ASSIGNMENT BY INVENTORS

This Assignment is by Bradford Evan Gliner and Warren Douglas Sheffield (the "Assignors"), residing at 4368 230th Way SE, Sammamish, 98075; and 3033 38th Avenue West, Seattle, Washington 98199, 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 SYSTEMS AND METHODS FOR FACILITATING AND/OR EFFECTUATING DEVELOPMENT, REHABILITATION, RESTORATION, AND/OR RECOVERY OF VISUAL FUNCTIONAL THROUGH NEURAL STIMULATION (the "Application"), already filed on April 26, 2004 as U.S. Application No. 10/832,477.

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.

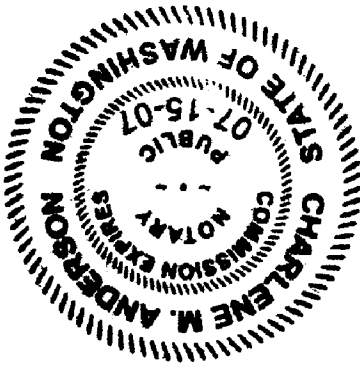
Bradford Evan Gliner
Bradford Evan Gliner

Date: 8/4/04

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

On this 4th day of August, 2004, before me
personally came Bradford Evan Gliner, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Charlene M. Anderson
Notary Public



W. Douglas Sheffield
W. Douglas Sheffield

Date: 8/4/04

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

On this 4th day of August, 2004, before me
personally came W. Douglas Sheffield, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Charlene M. Anderson
Notary Public

