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To the Director of the U.S. Patent and Trademark Office; Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)James A. Snook
Richard W. SchermerhornAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 7/19/06; 7/19/06

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: Neurosciences Research Foundation, Inc.

Internal Address: _____

Street Address: 10640 John Jay Hopkins DriveCity: San DiegoState: CaliforniaCountry: United States Zip: 92121Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/426,896 entitled "Addressing Scheme for
Neural Modeling and Brain-Based Devices
Using Special Purpose Processor"

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Sheldon R. MeyerInternal Address: Fliesler Meyer LLP.Street Address: Four Embarcadero Center
Fourth FloorCity: San FranciscoState: CA Zip: 94111-4156Phone Number: 415-362-3800Fax Number: 415-362-2928Email Address: officeactions@fdml.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 06-1325Authorized User Name Fliesler Meyer LLP.**9. Signature:**

Signature

Joseph P. O'Malley
Name of Person SigningAugust 7, 2006
DateTotal number of pages including cover
sheet, attachments, and documents:

3

Documents to be recorded (Including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 018067 FRAME: 0945

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) James A. Snook
a resident of 4874 Monongahela Street, San Diego, CA 92117; and
(2) Richard W. Schermerhorn
a resident of 223 Rubenstein Place, Cardiff, CA 92007

have invented certain new and useful improvements in:

ADDRESSING SCHEME FOR NEURAL MODELING AND BRAIN-BASED DEVICES USING SPECIAL PURPOSE PROCESSOR

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, said invention having been filed on the 27th day of June 2006, and assigned U.S. Patent Application No. 11/426,896.

WHEREAS Neurosciences Research Foundation, Inc. (hereinafter termed "Assignee"), a nonprofit corporation of the State of Massachusetts, having a place of business at 10640 John Jay Hopkins Drive, San Diego, State of California 92121, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application, including any provisional application for which said application claims benefit, and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, including any provisional application for which said applications claims benefit; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor

and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

(1) 07/19/06
Date

James A. Snook
James A. Snook (Inventor's Signature)

(2) July 19, 2006
Date

Richard W. Schermerhorn
Richard W. Schermerhorn (Inventor's Signature)