

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eugene M. Izhikevich	10/07/2011
RECEIVING PARTY DATA	
Name:	Brain Corporation
Street Address:	5665 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13117048
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Address Line 4:	San Diego, CALIFORNIA 92127
ATTORNEY DOCKET NUMBER:	BRAIN.006A
NAME OF SUBMITTER:	Robert F. Gazdzinski
Total Attachments: 2 source=BRAIN.006A_Assignment#page1.tif source=BRAIN.006A_Assignment#page2.tif	

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## ASSIGNMENT

WHEREAS, I, **EUGENE M. IZHIKEVICH**, hereinafter referred to as the assignor, a Russian citizen, residing at 10844 Corte de Marin, San Diego, CA 92130, United States, am the sole inventor of certain new and useful improvements in an **APPARATUS AND METHODS FOR POLYCHRONOUS ENCODING AND MULTIPLEXING IN NEURONAL PROSTHETIC DEVICES**; for which an application for a United States Patent was filed on May 26, 2011, as Application Serial No. 13/117,048; and

WHEREAS, **BRAIN CORPORATION**, hereinafter referred to as the assignee, a corporation of the State of California, with its principal place of business at 5665 Morehouse Drive, San Diego, CA 92121, United States, is desirous of acquiring the entire right, title and interest in and to the said new and useful improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said new and useful improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said new and useful improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to its nominee all known facts respecting said new and useful improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said new and useful improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said new and useful improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

### ASSIGNMENT

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of Oct., 2011.

Eugene M. Izhikevich  
EUGENE M. IZHIKEVICH

STATE OF California  
COUNTY OF San Diego ss.

On October 7, 2011 before me, Cynthia Buttell Stroesser - Notary, (here insert name and title of the officer), personally appeared Eugene M. Izhikevich, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature Cynthia Buttell Stroesser

