

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>Filip Ponulak</td> <td>08/10/2012</td> </tr> <tr> <td>Oleg Sinyavskiy</td> <td>08/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Filip Ponulak	08/10/2012	Oleg Sinyavskiy	08/10/2012
Name	Execution Date						
Filip Ponulak	08/10/2012						
Oleg Sinyavskiy	08/10/2012						
RECEIVING PARTY DATA							
Name:	Brain Corporation						
Street Address:	5665 Morehouse Drive						
City:	San Diego						
State/Country:	CALIFORNIA						
Postal Code:	92121						
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>13489280</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13489280		
Property Type	Number						
Application Number:	13489280						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	BRAIN.018A						
NAME OF SUBMITTER:	Robert F. Gazdzinski						
Total Attachments: 2 source=BRAIN.018A - Assignment signed#page1.tif source=BRAIN.018A - Assignment signed#page2.tif							

CH \$40.00 13489280

ASSIGNMENT

WHEREAS, We, **FILIP PONULAK**, a U.S. Citizen, residing at 3802 Mykonos Ln., 20, San Diego, CA 92130, Unites States; and **OLEG SINYAVSKIY**, a Russian Citizen, residing at 3539 Caminjto El Rincon #252, San Diego, CA 92130, Unites States; have invented certain new and useful improvements in an **APPARATUS AND METHODS FOR REINFORCEMENT LEARNING IN ARTIFICIAL NEURAL NETWORKS** for which we have filed an application for Letters Patent on June 5, 2012 in the United States, as Application Serial No. 13/489,280.

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, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents 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 all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of August, 2012.

F. Ponulak

FILIP PONULAK

STATE OF _____
 |
 | ss.
COUNTY OF _____

On _____ before me, _____, (here insert name and title of the officer), personally appeared _____, 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 _____

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of August, 2012.

Oleg Sinyavskiy

OLEG SINYAVSKIY

STATE OF _____
 |
 | ss.
COUNTY OF _____

On _____ before me, _____, (here insert name and title of the officer), personally appeared _____, 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.

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