

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Shingo SHIMODA	02/19/2010
Hidenori KIMURA	02/19/2010
Masaaki YAMAOKA	02/17/2010
Hideki KAJIMA	02/19/2010

**RECEIVING PARTY DATA**

Name:	RIKEN
Street Address:	2-1, Hirosawa
City:	Wako-shi, Saitama
State/Country:	JAPAN
Postal Code:	351-0198

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, Toyota-cho,
City:	Toyota-shi, Aichi
State/Country:	JAPAN
Postal Code:	471-8571

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12680678

**CORRESPONDENCE DATA**

Fax Number: (703)684-1460  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 7036841470  
 Email: ncolston@brundidgestanger.com  
 Correspondent Name: Brundidge & Stanger, P.C.  
 Address Line 1: 2318 Mill Road

OP \$40.00 12680678

Address Line 2: Suite 1020  
Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	1141.120BS
-------------------------	------------

NAME OF SUBMITTER:	Carl I. Brundidge
--------------------	-------------------

Total Attachments: 4 source=1141_Assignment#page1.tif source=1141_Assignment#page2.tif source=1141_Assignment#page3.tif source=1141_Assignment#page4.tif
--

## ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the undersigned by RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA. Corporations organized under the laws of Japan and located at (Wako-shi, Saitama, Japan and Toyota-shi, Aichi, Japan), receipt of which is hereby acknowledged, I or we do hereby sell and assign to said RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA, its successors and assigns, all of my right, title and interest, in and for the United States of America in and to the invention entitled

**NEURON DEVICE, NEURAL NETWORK DEVICE, FEEDBACK CONTROL DEVICE, AND  
INFORMATION RECORDING MEDIUM**

invented by me or us and described in the application for U.S. Letters Patent therefor identified as:

- ( ) Serial No. \_\_\_\_\_, filed \_\_\_\_\_; or
- ( ) executed on even date herewith; or
- (X) executed on February 19, 2010,

and all United States Letters Patent which may be granted therefor, and all Divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the me or us if this assignment and sale had not been made;

And I or we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the joint title thereto in said assignee;

And I or we do hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent, to issue said Letters Patent to said RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA and do hereby authorize the Law Firm of Brundidge & Stanger, P.C. to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

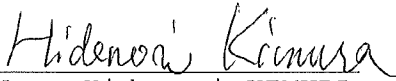
Signed on the date(s) indicated aside signatures:

INVENTOR(S)

Date Signed

1)   
Name: Shingo SHIMODA

19/2/2010

2)   
Name: Hidenori KIMURA

19/2/2010

3) \_\_\_\_\_  
Name: Masaaki YAMAOKA

\_\_\_\_\_

4) \_\_\_\_\_  
Name: Hideki KAJIMA

\_\_\_\_\_

## ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the undersigned by RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA. Corporations organized under the laws of Japan and located at (Wako-shi, Saitama, Japan and Toyota-shi, Aichi, Japan), receipt of which is hereby acknowledged, I or we do hereby sell and assign to said RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA, its successors and assigns, all of my right, title and interest, in and for the United States of America in and to the invention entitled

NEURON DEVICE, NEURAL NETWORK DEVICE, FEEDBACK CONTROL DEVICE, AND  
INFORMATION RECORDING MEDIUM

invented by me or us and described in the application for U.S. Letters Patent therefor identified as:

- ( ) Serial No. \_\_\_\_\_, filed \_\_\_\_\_; or
- ( ) executed on even date herewith; or
- (X) executed on February 19, 2010,

and all United States Letters Patent which may be granted therefor, and all Divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the me or us if this assignment and sale had not been made;

And I or we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the joint title thereto in said assignee;

And I or we do hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent, to issue said Letters Patent to said RIKEN and TOYOTA JIDOSHA KABUSHIKI KAISHA and do hereby authorize the Law Firm of Brundidge & Stanger, P.C. to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)	Date Signed
1) _____ Name: Shingo SHIMODA	_____
2) _____ Name: Hidenori KIMURA	_____
3) <u>Masaaki Yamaoka</u> Name: Masaaki YAMAOKA	<u>February 17, 2010</u>
4) <u>Hideki Kajima</u> Name: Hideki KAJIMA	<u>February 19, 2010</u>