

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>Chi-Sang Poon</td><td>07/14/2010</td></tr><tr><td>Joshua Jen Monzon</td><td>07/13/2010</td></tr><tr><td>Guy Rachmuth</td><td>07/14/2010</td></tr></tbody></table>		Name	Execution Date	Chi-Sang Poon	07/14/2010	Joshua Jen Monzon	07/13/2010	Guy Rachmuth	07/14/2010		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Massachusetts Institute of Technology</td></tr><tr><td>Street Address:</td><td>77 Massachusetts Avenue</td></tr><tr><td>City:</td><td>Cambridge</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02139</td></tr></table>		Name:	Massachusetts Institute of Technology	Street Address:	77 Massachusetts Avenue	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
Name:	Massachusetts Institute of Technology										
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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>12837070</td></tr></tbody></table>		Property Type	Number	Application Number:	12837070						
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CORRESPONDENCE DATA											
Fax Number: (781)401-9966 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	MIT-206AUS										
NAME OF SUBMITTER:	Kermit Robinson										
Total Attachments: 4 source=TO_PTO_Assignment#page1.tif											

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ASSIGNMENT

Whereas we, the undersigned, Chi-Sang Poon, Joshua Jen Monzon and Guy Rachmuth hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled PULSE MODULATED NEURAL INTEGRATOR CIRCUIT, identified as Attorney Docket No. MIT-206AUS, and Client Case No. 12982, which application was executed on July 14, 2010, July 13, 2010 and July 10, 2010, and filed on July 15, 2010 and assigned Application No. 12/837,070. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas Massachusetts Institute of Technology, a Massachusetts Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment as an instrument on the date indicated next to our name(s).

Dated: 7/14/2010

Chi-Sang Poon
Chi-Sang Poon

On this 14th day of July, 2010, before me appeared Chi-Sang Poon, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Ng Sze Hing
First Witness Signature

SALL-CHUN NG
First Witness Printed Name

On this 14th day of July, 2010, before me appeared Chi-Sang Poon, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

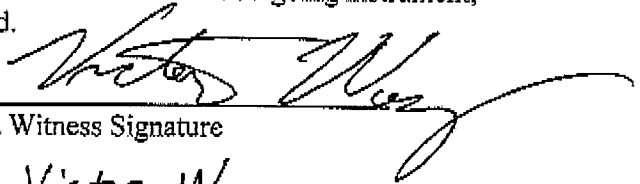
Alison Williams
Second Witness Signature

Alison Williams
Second Witness Printed Name


Dated: July 13, 2010


Joshua Jen Monzon

On this 13 day of July, 2010, before me appeared Joshua Jen Monzon, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.


First Witness Signature
Victor Wong
First Witness Printed Name

On this 14 day of July, 2010, before me appeared Joshua Jen Monzon, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.


Second Witness Signature
LAKSHMI D. KANCHARLA
Second Witness Printed Name

Dated: 7/14/10

Guy Rachmuth
Guy Rachmuth

On this 14 day of July, 2010, before me appeared Guy Rachmuth, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Signature]
First Witness Signature

Tim D Hazel
First Witness Printed Name

On this 14 day of July, 2010, before me appeared Guy Rachmuth, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Signature]
Second Witness Signature

CHRIS BROWN
Second Witness Printed Name

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