

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHELA GALLAGHER	04/09/2014
REBECCA HABERMAN	04/09/2014
MING TENG KOH	04/09/2014
ARNOLD BAKKER	04/09/2014
RECEIVING PARTY DATA	
Name:	THE JOHNS HOPKINS UNIVERSITY
Street Address:	3400 NORTH CHARLES STREET
Internal Address:	AMES HALL
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21218
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1429170
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	JHUC-035-WO1
NAME OF SUBMITTER:	HELEN GIAMONITIS
SIGNATURE:	/Helen Giamonitis/
DATE SIGNED:	09/05/2014
Total Attachments: 6	
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PCT
ASSIGNMENT

We,

- (1) Michela Gallagher;
- (2) Rebecca Haberman;
- (3) Ming Teng Koh; and
- (4) Arnold Bakker

residing, respectively, at

- (1) 3400 North Charles Street, Ames Hall, Baltimore, Maryland 21218
- (2) 3400 North Charles Street, Ames Hall, Baltimore, Maryland 21218
- (3) 3400 North Charles Street, Ames Hall, Baltimore, Maryland 21218; and
- (4) 3400 North Charles Street, Ames Hall, Baltimore, Maryland 21218

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to THE JOHNS HOPKINS UNIVERSITY, an entity organized and existing under the laws of the State of Maryland and having an office and a place of business at 3400 North Charles Street, Ames Hall, Baltimore, Maryland 21218, United States of America, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all our inventions and discoveries disclosed in our International Patent Application, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on March 14, 2014, assigned application number PCT/US14/29170,* entitled: "METHODS AND COMPOSITIONS FOR IMPROVING COGNITIVE FUNCTION" and designating all PCT member states, including Albania (AL), Algeria (DZ), Angola (AO), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Bahrain (BH), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Brunei Darussalam (BN), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), Chile (CL), China (CN), Colombia (CO), Congo

* We hereby authorize THE JOHNS HOPKINS UNIVERSITY and its representatives to insert in this instrument the filing date and International Patent Application number of said application when THE JOHNS HOPKINS UNIVERSITY is officially notified thereof.

(CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY),
Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK),
Dominica (DM), Dominican Republic (DO), Ecuador (EC), Egypt (EG), El Salvador
(SV), Equatorial Guinea (GO), Estonia (EE), Finland (FI), France (FR), Gabon (GA),
Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada
(GD), Guatemala (GT), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary
(HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Islamic Republic of Iran
(IR), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakhstan (KZ), Kenya
(KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV),
Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY), Liechtenstein (LI),
Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of
Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Malta (MT)
Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Montenegro (ME),
Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand
(NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM),
Panama (PA), Papua New Guinea (PG), Peru (PE), the Philippines (PH), Poland (PL),
Portugal (PT), Qatar (QA), Republic of Korea (KR), Republic of Moldova (MD),
Romania (RO), Russian Federation (RU), Rwanda (RW), Saint Lucia (LC), Saint
Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), São
Tomé and Príncipe (ST), Saudi Arabia (SA), Senegal (SN), Serbia (RS), Seychelles
(SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa
(ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE),
Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), United Republic of
Tanzania (TZ), Togo (TG), Thailand (TH), Trinidad and Tobago (TT), Tunisia (TN),
Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab
Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan
(UZ), Viet Nam (VN), Zambia (ZM) and Zimbabwe (ZW), and all other PCT member
 states, including any renewals, revivals, reissues, reexaminations, extensions,
 continuations, and divisions thereof, and any substitute applications therefore; (2) the
 full and complete right to file patent applications in the name of THE JOHNS
HOPKINS UNIVERSITY, its designee, or in our names at

THE JOHNS HOPKINS UNIVERSITY or its designee's election, on the aforesaid .
inventions, discoveries and applications in all countries of the world; (3) the entire
right, title and interest in and to any Letters Patent which may issue on the aforesaid
inventions, discoveries and applications in any country of the world and any renewals,
revivals, reissues, reexaminations and extensions thereof, and any patents of
confirmation, registration and importation of the same; and (4) the entire right, title
and interest in and to all Convention and Treaty Rights of all kinds thereon, including
without limitation all rights of priority in any country of the world, in and to the
following priority application:

Serial No.	Country	Filing Date
61/794,909	United States of America	15 March 2013

and all rights of priority in any country of the world deriving from the above-
identified International Patent Application.

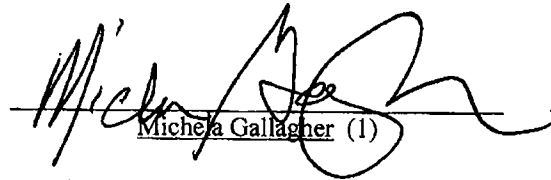
We hereby authorize and request the competent authorities to grant and
to issue any and all such Letters Patent in any country throughout the world to THE
JOHNS HOPKINS UNIVERSITY as the assignee of the entire right, title and interest
therein, as fully and entirely as the same would have been held and enjoyed by us had
this assignment, sale and transfer not been made.

We agree, at any time, upon the request of THE JOHNS HOPKINS
UNIVERSITY to execute and to deliver to THE JOHNS HOPKINS UNIVERSITY
any additional applications for patents for said inventions and discoveries, or any part
or parts thereof, and any applications for patents of confirmation, registration and
importation based on any Letters Patent issuing on said inventions, discoveries or
applications, and divisions, continuations, renewals, revivals, reissues, reexaminations
and extensions thereof.

We further agree, at any time, upon request of THE JOHNS HOPKINS
UNIVERSITY to execute and to deliver to THE JOHNS HOPKINS UNIVERSITY
such additional documents, if any, as are necessary or desirable to secure patent
protection on said inventions, discoveries and applications throughout all countries of
the world, and otherwise to do the necessary to give full effect to and to perfect any
and all rights of THE JOHNS HOPKINS UNIVERSITY under this Assignment,
including the execution, delivery and procurement of any and all further documents
evidencing this assignment, transfer and sale as may be necessary or desirable.

It is our intention that this assignment be effective and all rights transferred herein shall be considered to have vested in THE JOHNS HOPKINS UNIVERSITY no later than March 15, 2013, the date of the earliest priority chain.

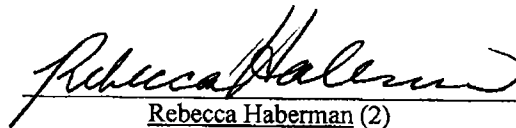
ASSIGNOR:


Michela Gallagher (1)

On this 9 day of April, 2014, Michela Gallagher personally appeared before me, a Notary Public in and for the state of MD, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public
TIERRA A. PEARSON
NOTARY PUBLIC
BALTIMORE COUNTY
MARYLAND
4/9/14
MY COMMISSION EXPIRES MARCH 4, 2017

ASSIGNOR:


Rebecca Haberman (2)

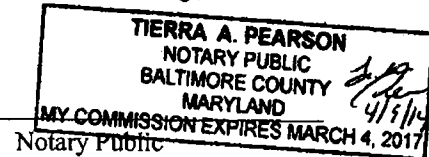
On this 9 day of April, 2014, Rebecca Haberman personally appeared before me, a Notary Public in and for the state of MD, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public
TIERRA A. PEARSON
NOTARY PUBLIC
BALTIMORE COUNTY
MARYLAND
4/9/14
MY COMMISSION EXPIRES MARCH 4, 2017

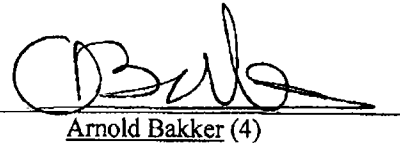
ASSIGNOR:


Ming Teng Koh (3)

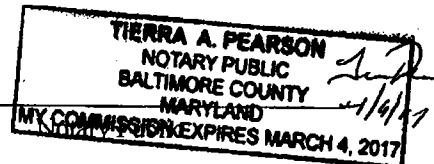
On this 9 day of April, 2014, Ming Teng Koh personally appeared before me, a Notary Public in and for the state of MD, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



ASSIGNOR:


Arnold Bakker (4)

On this 9 day of April, 2014, Arnold Bakker personally appeared before me, a Notary Public in and for the state of MD, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of THE JOHNS HOPKINS UNIVERSITY

By: Jill E. Uhl
Name: Jill E. Uhl
Title: Intellectual Property Director

On this 16th day of APR 2014, Jill E. Uhl personally appeared before me, a Notary Public in and for the state of Maryland, and duly acknowledged the executed Assignment on behalf of the Assignee.

Valley Ann Puck
Notary Public