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Docket No.: P-NI 4446

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks

101739360

attached original documents or copy thereof.

1. Name of conveying party(ies):

A. Giulio Tononi
B. Chiara Cirelli
C. Paul J. Shaw
D. Ralph J. Greenspan

5-3000

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: A and B on 03/26/01; C and D on 01/26/01

2. Name and address of receiving party(ies):

Name: Neurosciences Research Foundation, Incorporated

Internal Address: _____

Street Address: 10640 John Jay Hopkins Drive

City: San Diego State: CA ZIP: 92121

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/718,828

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Cathryn Campbell

Internal Address: CAMPBELL & FLORES LLP

Street Address: 4370 La Jolla Village Drive, 7th Floor

City: San Diego State: CA ZIP: 92122

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number:

03-0370

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Melanie K. Webster

Name of Person Signing

Melanie K. Webster

Signature

May 25, 2001

Date

Total number of pages including cover sheet, attachments, and document:

7

ASSIGNMENT

This Assignment is made by **Giulio Tononi, Chiara Cirelli, Paul J. Shaw and Ralph J. Greenspan**, all of San Diego, California, Assignors, to NEUROSCIENCES RESEARCH FOUNDATION, INCORPORATED, Assignee, having a place of business at 10640 John Jay Hopkins Drive, San Diego, California, 92121.

WHEREAS, Assignors have invented a new and useful METHODS FOR IDENTIFYING COMPOUNDS THAT MODULATE VIGILANCE STATES for which an application for United States Letters Patent was filed on November 22, 2000, in the United States Patent and Trademark Office, bearing Serial No.09/718,828 and identified as Attorney Docket No: P-NI 4446;

WHEREAS, Assignors believe themselves to be the original inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors sell, assign, and transfer to Assignee, the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United

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States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

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IN WITNESS WHEREOF, Assignors have executed this Assignment
on the date(s) provided below.

Assignor: Giulio Tononi

Giulio Tononi
Signature

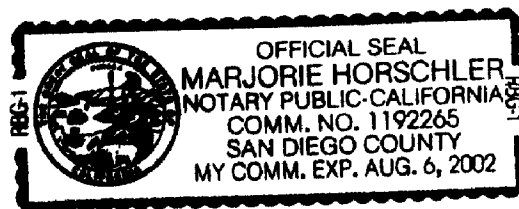
3/26/01
Date

STATE OF California)
COUNTY OF San Diego)

On March 26, 2001, before me, Marjorie Horschler, Notary Public,
personally appeared Giulio Tononi,
~~personally known to me~~ - OR - X proved to me on the basis of
satisfactory evidence to be the person(x) whose name(x) 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(x), or the entity upon behalf of which the
person(x) acted, executed the instrument.

WITNESS by hand and official seal.

Marjorie Horschler
(Signature of Notary)



Inventors: Tononi et al.
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Assignor: Chiara Cirelli

Chiara Cirelli 3/26/01
Signature Date

STATE OF California)
COUNTY OF San Diego)

On March 26, 2001, before me, Marjorie Horschler, Notary Public,
personally appeared Chiara Cirelli,
~~personally known to me~~ - OR - ☒ 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.

WITNESS by hand and official seal.

Marjorie Horschler
(Signature of Notary)



Inventors: Tononi et al.
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Assignor: Paul J. Shaw

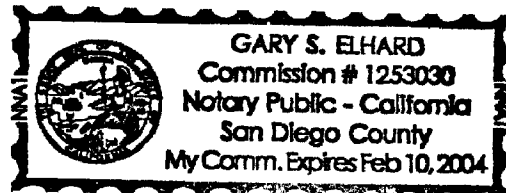
Paul J. Shaw 1/26/01
Signature Date

STATE OF California)
COUNTY OF San Diego)

On January 26th 2001, before me, Gary S. Elhard
personally appeared Paul J. Shaw,
___ personally known to me - OR - X 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.

WITNESS by hand and official seal.

Gary S. Elhard
(Signature of Notary)



Inventors: Tononi et al.
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Assignor: Ralph J. Greenspan

Ralph J. Greenspan 1/26/01
Signature Date

STATE OF California)
COUNTY OF San Diego)

On January 26th, 2001 before me, Gary S. Elhard
personally appeared Ralph J. Greenspan,
_____ personally known to me - OR - X 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.

WITNESS by hand and official seal.

Gary S. Elhard
(Signature of Notary)

