

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM822063

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
NEURASIGNAL, INC.		06/30/2023	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	AVENUE CAPITAL MANAGEMENT II, L.P.		
Street Address:	11 West 42nd Street, 9th Floor		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10036		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 12			
Property Type	Number	Word Mark	
Registration Number:	5969373	NEURALBOT	
Registration Number:	5454181	LUCID TRANSCRANIAL DOPPLER SYSTEM	
Registration Number:	5262162	NA	
Registration Number:	5342849	NEURAL ANALYTICS	
Registration Number:	5281676	NA	
Serial Number:	90071614		
Serial Number:	90452579	NOVABOT	
Serial Number:	90452570	NOVAGUIDE	
Serial Number:	90452549	NOVAKIT	
Serial Number:	90452595	NOVAVIEW	
Serial Number:	90071598	NOVASIGNAL	
Serial Number:	90071574	NOVASIGNAL	
CORRESPONDENCE DATA			
Fax Number:			
<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>			
Phone:	2023704750		
Email:	ipteam@cogencyglobal.com		
Correspondent Name:	Rodney Boulware		
Address Line 1:	1025 Connecticut Ave NW, Suite 712		

OP \$315.00 5969373

Address Line 2: COGENCY GLOBAL INC.
Address Line 4: Washington, D.C. 20036

ATTORNEY DOCKET NUMBER: 2057524 ST

NAME OF SUBMITTER: Yvette Stohler

SIGNATURE: /Yvette Stohler/

DATE SIGNED: 07/05/2023

Total Attachments: 11

source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page1.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page2.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page3.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page4.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page5.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page6.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page7.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page8.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page9.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page10.tif
source=Avenue - NeuraSignal - IP Security Agreement (6.2023)(Executed)#page11.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT**, dated as of June 30, 2023 (the "Agreement") between **AVENUE CAPITAL MANAGEMENT II, L.P.** ("Agent") and **NEURASIGNAL, INC.**, a Delaware corporation ("Grantor") is made with reference to the Secured Promissory Notes (each, a "Note" and collectively, the "Notes") issued by Grantor in connection that certain Secured Creditor Asset Sale and Purchase Agreement (the "Asset Purchase Agreement") dated as of the date hereof, among Grantor, Agent and the lenders party thereto. Terms defined in the Asset Purchase Agreement and/or the Notes have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Notes, Grantor grants to Agent a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Agent with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Agent as a matter of law or equity. Each right, power and remedy of Agent provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy

provided for herein, and the exercise by Agent of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Agent of any other rights, powers or remedies.

[BALANCE OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

NEURASIGNAL, INC.,
a Delaware corporation

DocuSigned by:

Robert Hamilton

By:

Name: Robert Hamilton

Title: President

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

AGENT:

AVENUE CAPITAL MANAGEMENT II, L.P.

By: Avenue Capital Management II GenPar, LLC
Its: General Partner

By: _____
Name: Sonia Gardner
Title: Member

EXHIBIT A
COPYRIGHTS

Please Check if No Copyrights Exist

EXHIBIT B
TRADEMARKS

Please Check if No Trademarks Exist

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>Filing Date:</u>
NEURAL ANALYTICS	87/023382	5342849	2016-05-03
NA Logo	87/023407	5262162	2016-05-03
NA Logo	86/635307	5281676	2015-05-19
LUCID TRANSCRANIAL DOPPLER SYSTEM	87/082293	5454181	2016-06-23
NOVASIGNAL	90/071574		2020-07-24
NOVASIGNAL (Stylized & Circle Logo)	90/071598		2020-07-24
Circle Logo Design	90/071614		2020-07-24
NEURALBOT	87/761310	5969373	2018-01-18
NOVAKIT	90/452549		2021-01-07
NOVAGUIDE	90/452570		2021-01-07
NOVABOT	90/452579		2021-01-07
NOVAVIEW	90/452595		2021-01-07

EXHIBIT C**PATENTS**Please Check if No Patents Exist

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued Or Published?</u>	<u>Issue Date:</u>
Bag	USD963845	29/658,358	Issued	2022-09-13
CATEGORIZATION OF WAVEFORM MORPHOLOGIES	EP3923816	EP20756736	Published	
Categorization of waveform morphologies	US11596380	16/792,169	Issued	2023-03-07
Categorization of waveform morphologies		18/104,188	No	
Device pad	US10265234	16/048,213	Issued	2019-04-23
Disposable kit	US10492877	16/048,209	Issued	2019-12-03
DISPOSABLE KIT	US11504290	16/698,817	Issued	2022-11-22
DISPOSABLE KIT	US20230116245	17/969,243	Published	
DYNAMIC HEADSET APPARATUS	US10555861	16/101,352	Issued	2020-02-11
DYNAMIC HEADSET APPARATUS	US20200146917	16/742,531	Published	
Enclosure for an acoustic energy device including a probe	US10478260	15/952,791	Issued	2019-11-19
ENCLOSURE FOR DEVICE INCLUDING PROBE	US11633251	16/684,493	Issued	2020-03-19
Gel application system	US10610200	16/198,678	Issued	2020-04-07
GEL APPLICATION SYSTEM	US20200187902	16/799,739	Issued	2020-06-18
Headrest	USD888965	29/669,090	Issued	2020-06-30
HEADSET APPARATUS	CA3030978	CA3030978	Published	
HEADSET SYSTEM	EP3923783	EP20710396	Published	
Headset system	US10272008	15/853,433	Issued	2019-04-30
Headset system	US11540967	16/281,938	Issued	2023-01-03
Headset system	US20230149240	18/070,351	Published	
Image device housing	USD883486	29/669,092	Issued	2020-05-05
Integrated probe structure	US10617388	15/399,440	Issued	2020-04-14
Integrated probe structure	US11452500	16/847,247	Issued	2022-09-27

INTEGRATED PROBE STRUCTURE	US20230050717	17/894,765	Published	
Placemat system	US10105190	15/923,906	Issued	2018-10-23
Portable display device	USD784542	29/582,175	Issued	2017-04-18
Portable headset	US11471126	16/112,612	Issued	2022-10-18
PORTABLE HEADSET	US20230063233	17/900,076	Published	
System and method for assessing signal quality	AU2019206580	AU2019206580	Issued	2020-08-27
Systems and methods for assessing signal quality	US10695035	16/245,129	Issued	2020-06-30
Systems and methods for detecting neurological conditions	AU2019210133	AU2019210133	Issued	2020-09-03
SYSTEMS AND METHODS FOR DETECTING NEUROLOGICAL CONDITIONS	EP3399919	EP17735919	Published	
Systems and methods for detecting neurological conditions	US10709417	15/942,368	Issued	2020-07-14
Systems and methods for detecting neurological conditions	US11129587	16/254,416	Issued	2021-09-28
Systems and methods for detecting neurological conditions	US11589836	15/399,735	Issued	2023-02-28
SYSTEMS AND METHODS FOR DETECTING NEUROLOGICAL CONDITIONS	US20220008032	17/486,300	Published	
SYSTEMS AND METHODS FOR DETECTING NEUROLOGICAL CONDITIONS		18/099,231	No	
SYSTEMS AND METHODS FOR DETERMINING CLINICAL INDICATIONS	EP3399918	EP17736375	Published	
Systems and methods for determining clinical indications	US11090026	15/399,710	Issued	2021-08-17
SYSTEMS AND METHODS FOR DETERMINING CLINICAL INDICATIONS	US20220218305	17/403,741	Published	

Systems and methods for gel management	AU2018380542	AU2018380542	Issued	2020-07-23
Systems and methods for gel management	US10575818	16/215,451	Issued	2020-03-03
Systems and methods for gel management	US11395639	16/783,036	Issued	2022-07-26
SYSTEMS AND METHODS FOR GEL MANAGEMENT	US20220401069	17/848,261	Published	
Systems and methods for modular headset system	US11484287	16/789,341	Issued	2022-11-01
Systems and methods for modular headset system	US20230108430	17/956,168	Published	
SYSTEMS AND METHODS FOR REGISTERING HEADSET SYSTEM	EP3681400	EP18780002	Issued	2020-07-22
Systems and methods for registering headset system	US10616473	16/132,068	Issued	2020-04-07
Systems and methods for registering headset system	US11190677	16/837,651	Issued	2021-11-30
SYSTEMS AND METHODS FOR REGISTERING HEADSET SYSTEM	US20220224827	17/537,060	Issued	2022-07-14
Systems and methods for vascular mapping	AU2019208041	AU2019208041	Issued	2020-08-27
SYSTEMS AND METHODS FOR VASCULAR MAPPING	AU2023200901	AU2023200901	Published	
Systems and methods for vascular mapping	US11154273	16/246,419	Issued	2021-10-26
Systems and methods for vascular mapping	US11559278	17/508,867	Issued	2023-01-24
Systems and methods for vascular mapping	US20230165561	18/078,523	Published	
SYSTEMS AND METHOD OF CALIBRATING CEREBRAL SENSOR ORIENTATION AND GENERATING FEEDBACK FROM CEREBRAL SENSOR INJECTOR		17/581,809	No	

SYSTEMS AND METHODS OF LOSSLESS TRANSMISSION AND REMOTE PRESENTATION OF RESPONSE FROM A CRANIAL SENSOR SYSTEM		17/965,467	No	
Transcranial doppler probe	US11207054	15/187,397	Issued	2021-12-28
Waveform visualization tool for facilitating medical diagnosis	AU2018403070	AU2018403070	Published	
Waveform visualization tool for facilitating medical diagnosis	US10849593	16/003,012	Issued	2020-12-01
WAVEFORM VISUALIZATION TOOL FOR FACILITATING MEDICAL DIAGNOSIS	US20190216433	15/971,260	Published	
WAVEFORM VISUALIZATION TOOL FOR FACILITATING MEDICAL DIAGNOSIS	US20210100525	17/107,843	Published	
プローブ構造	JP2019514500	JP2018555541	Published	
ヘッドセットシステムを位置合わせするためのシステム及び方法	JP2020534051	JP2020513740	Published	
MONITORING STRUCTURAL FEATURES OF CEREBRAL BLOOD FLOW VELOCITY FOR DIAGNOSIS OF NEUROLOGICAL CONDITIONS	JP6545697	JP2016554529	Issued	2019-06-28
PROBE STRUCTURE	CA3087067	CA3087067	Published	
SYSTEMS AND METHODS FOR ASSESSING SIGNAL QUALITY	CA3088170	CA3088170	Published	
SYSTEMS AND METHODS FOR VASCULAR MAPPING	CA3088176	CA3088176	Published	

SYSTEMS AND METHODS FOR DETECTING NEUROLOGICAL CONDITIONS	CA3088779	CA3088779	Published	
WAVEFORM VISUALIZATION TOOL FOR FACILITATING MEDICAL DIAGNOSIS	CA3088965	CA3088965	Published	
DYNAMIC HEADSET APPARATUS	CN111225615	CN201880065154.5	Published	
INTEGRATED PROBE STRUCTURE	EP3399920	EP17736353.8	Issued	2020-11-04
DYNAMIC HEADSET APPARATUS	EP3661422	EP18765236.7	Published	
SYSTEMS AND METHODS FOR DETECTING NEUROLOGICAL CONDITIONS	EP3742980	EP19704926.5	Published	
SYSTEMS AND METHODS FOR REGISTERING HEADSET SYSTEM	DE3681400	DE18780002.4	Issued	2021-07-21
INTEGRATED PROBE STRUCTURE	GB3399920	GB17736353.8	Issued	2020-11-04
SYSTEMS AND METHODS FOR REGISTERING HEADSET SYSTEM	GB3681400	GB18780002.4	Issued	2021-07-21