

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6472188

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN K. MICH	04/26/2018
EDWARD SEBASTIAN LEIN	04/26/2018
JONATHAN TING	04/26/2018
BOAZ P. LEVI	05/03/2018
ERIK HESS	04/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALLEN INSTITUTE
<b>Street Address:</b>	615 WESTLAKE AVENUE NORTH
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98109
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17044232
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(509)323-8979
<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>	
<b>Phone:</b>	206.876.6017
<b>Email:</b>	NATHAN.ALLEN@LEE HAYES.COM
<b>Correspondent Name:</b>	C. RACHAL WINGER, PH.D.
<b>Address Line 1:</b>	601 W. RIVERSIDE AVE.
<b>Address Line 2:</b>	SUITE 1400
<b>Address Line 4:</b>	SPOKANE, WASHINGTON 99201
<b>ATTORNEY DOCKET NUMBER:</b>	A166-0004US
<b>NAME OF SUBMITTER:</b>	NATHAN ALLEN
<b>SIGNATURE:</b>	/Nathan Allen/
<b>DATE SIGNED:</b>	12/29/2020
<b>Total Attachments: 9</b>	

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ASSIGNMENT

**John K. MICH**, residing at 10051 61st Ave S, Seattle, WA 98178; **Edward Sebastian LEIN**, residing at 8428 SE 63rd St, Mercer Island, WA, 98040; **Jonathan TING**, residing at 5011 NE 180<sup>th</sup> St, Lake Forest Park, WA 98155; **Boaz P. LEVI**, residing at 5627 6th Ave NW, Seattle, WA 98107; and **Erik HESS**, residing at 360 NW Dogwood St, Apt N101, Issaquah, WA 98027, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled **SYSTEMS AND METHODS TO IDENTIFY THERAPIES FOR NEUROLOGICAL DISORDERS AND THERAPEUTICS FOR EPILEPSY BASED ON THE SAME**, and which is a:

- (1) ☒ provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☒ bearing Application No. 62/655,043, and filed on April 9, 2018;
- (2) ☐ non-provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☐ bearing Application No. , and filed on ;  
and/or
- (3) ☐ PCT application
  - (a) ☐ bearing Application No. , and filed on .  
  
and/or
- (4) ☐ attached hereto.

**WHEREAS**, Allen Institute, a corporation having its principal place of business at 615 Westlake Avenue North, Seattle, WA 98109, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in

interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and

that Assignor has not made, and will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of LEE & HAYES, PLLC to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules for recordation of this Assignment.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 4.26.18 By: *John K. Mich*  
**John K. Mich**

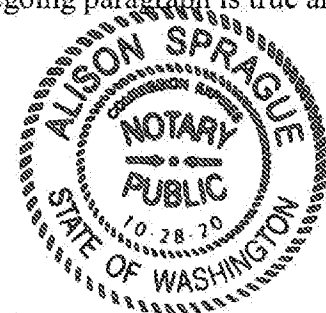
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Washington )  
 ) ss.  
 County of King )

On 4/26/18, before me, Alison Sprague, Notary  
 Public, personally appeared John K. Mich, who  
 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.  
 REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF  
 PERJURY under the laws of the State of California that the foregoing paragraph is true and  
 correct.

WITNESS my hand and official seal.

*Alison Sprague*  
 Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 10/28/20

Date: 4/26/18By: *E. Lein***Edward Sebastian Lein**

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State of Washington )  
 ) ss.  
 County of King )

On 4/26/18, before me, Alison Sprague, Notary Public, personally appeared Edward Sebastian Lein, who 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Alison Sprague*  
 Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 10/28/20

Date: 4/26/18


By:   
**Jonathan Ting**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Washington )  
 ) ss.  
 County of King )

On 4/26/18, before me, Alison Sprague, Notary Public, personally appeared Jonathan Ting, who 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
 Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 10/28/20

Date: 5/3/2018

By: Boaz P. Levi

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Washington )  
 ) ss.  
County of King )

On 5/3/18, before me, Alison Sprague, Notary Public, personally appeared Boaz P. Levi, who 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Alison Sprague  
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 10/28/20

Date: 4-27-2018

By: Erik Hess  
**Erik Hess**

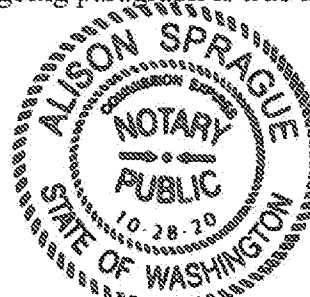
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State of Washington )  
 ) ss.  
 County of King )

On 4/27/18, before me, Alison Sprague, Notary Public, personally appeared Erik Hess, who 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.  
 REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Alison Sprague  
 Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 10/28/20

Date: 27 Apr 2018

By: Maja Larson  
 Name: Maja Larson  
 Title: General Counsel  
 Company: Allen Institute

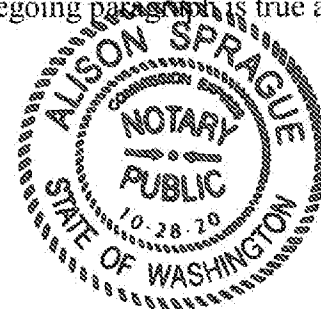
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State of Washington )  
 ) ss.  
 County of King )

On 4/27/18, before me, Alison Sprague, Notary Public, personally appeared Maja Larson, who 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.  
 REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Alison Sprague  
 Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 10/28/20