504812731 03/09/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA	·	
	Name	Execution Date
EDWIN W. RUBEL		12/08/2017
DAVID W. RAIBLE		03/05/2018

Postal Code:	98105
State/Country:	WASHINGTON
City:	SEATTLE
Street Address:	4545 ROOSEVELT WAY NE, SUITE 400
Name:	UNIVERSITY OF WASHINGTON

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15547438

CORRESPONDENCE DATA

Fax Number:	: (206)883-2699		
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.			
Phone:	206-883-2500		
Email:	hpratt@wsgr.com		
Correspondent Name:	nt Name: WILSON SONSINI GOODRICH & ROSATI		
Address Line 1:	701 FIFTH AVENUE, SUITE 5100		
Address Line 4: SEATTLE, WASHINGTON 98104-7036		TLE, WASHINGTON 98104-7036	
ATTORNEY DOCKET NUMBER:		41299-776.831	
NAME OF SUBMITTER:		HILLARY PRATT	
SIGNATURE:		/Hillary Pratt/	
DATE SIGNED:		03/09/2018	
Total Attachments: 4			
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source=41299-776.831 Inventors to UW Executed Assignment#page2.tif			
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Street

WHEREAS, the undersigned:

•	Edwin W. RUBEL 3010 Esplanade	2.	David W. RAIBLE 119 NW 51st Street
	Seattle, WA 98177		Seattle, WA 98107
	US		US

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

COMPOUNDS AND METHODS FOR PREVENTING OR TREATING SENSORY HAIR CELL DEATH

for which application serial number 15/547,438 was filed on July 28, 2017, in the United States Patent and Trademark Office (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, UNIVERSITY OF WASHINGTON, a university of the State of Washington, having a place of business at 4545 Roosevelt Way NE, Suite 400, Seattle, Washington 98105, United States of America (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal 3. representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, 4. contract, or understanding in conflict herewith.

Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, 5. agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of 6. law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

	PATENT ASSIGNMENT		Docket Number 41299-776.831
Date: 12/8/17	Edwin W. RUBEL		
A notary public or other officer accuracy, or validity of that doc	completing this certificate verifies only the identity of the individual w	tho signed the documen	t to which this certificate is attached, and not the truthfulness,
State of Washington County of)		
On Date	before me,		Notary Public, nd Title of the Officer
personally sppeared <u>Edwin W.</u>	RUBEL Name(s) of Sig	;ner(s)	······
who proved to me on the basis same in his/her/their anthorized instrument.	of satisfactory evidence to be the person(s) whose name(s) is/are subsc capacity(ics), and that by his/her/their signature(s) on the instrument	the person(s), or the e l cert State correc	ntity upon behalf of which the person(s) acted, executed the ify under PENALTY OF PERJURY under the laws of the of Washington that the foregoing paragraph is true and
		Signa	tureSignature of Notary Public
Date:A notary public or other officer accurscy, or validity of that does	David W. RAIBLE completing this certificate verifies only the identity of the individual w ment.	ho signed the documen	t to which this certificate is attached, and not the truthfulness,
State of Washington County of))		
OuDate	before me,	Here Insert Name ar	Notary Public
	N - 171 N		
personally appeared <u>David W.</u>	Name(s) of Sig		
who proved to me on the basis a same in his/her/their authorized instrument.	of satisfactory evidence to be the person(s) whose name(s) is/are subscr capacity(ics), and that by his/her/their signature(s) on the instrument	tibed to the within instr the person(s), or the e	ument and acknowledged to me that he/she/they executed the ntity upon behalf of which the person(s) acted, executed the
			ty under PENALTY OF PERJURY under the laws of the of Washington that the foregoing paragraph is true and t.
		WITN	IESS my hand and official seal.
		Signat	ureSignature of Notary Public
RECEIVED AND AGREE Date: $3/8/18$	D TO BY ASSIGNEE: UNIVERSITY OF WASHINGTO Signature: Name: Scort Son 1760 Title: (%) W as Twent Mary	R ⁹⁹	

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WHEREAS, the undersigned:

1.	Edwin W. RUBEL		2.	David W. RAIBLE
	3010 Esplanade	N.		119 NW 51st Street
	Seattle, WA 98177			Seattle, WA 98107
	US			US

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

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for which application serial number <u>15/547,438</u> was filed on <u>July 28, 2017</u>, in the United States Patent and Trademark Office (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, <u>UNIVERSITY OF WASHINGTON</u>, a university of the State of <u>Washington</u>, having a place of business at <u>4545 Roosevelt Way NE</u>, <u>Suite</u> <u>400</u>, <u>Seattle</u>, <u>Washington 98105</u>, <u>United States of America</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: Edwin W, RUBEL	
A notary public or other officer completing this certificate verifies only the identity of the individual who sigued th accuracy, or validity of that document.	e document to which this certificate is attached, and not the truthfulness,
State of Washington) County of)	
On before me, Here Inse	, Notsry Public, ,
personally appeared <u>Edwin W. RUBEL</u> Name(s) of Signer(s)	
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) instrument.	within instrument and acknowledged to me that he/she/they executed the s), or the entity upon behalf of which the person(s) acted, executed the
	I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
	SignatureSignature of Notary Public
Date: 3/5/18 David W. RAIBLE	
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the accuracy, or validity of that document.	e document to which this certificate is attached, and not the truthfulness,
State of Washington) County of }	
Ou before me, Here Inse	Notary Public , rt Name and Title of the Officer
personally appeared <u>David W. RAIBLE</u> Name(s) of Signer(s)	
	, within instrument and acknowledged to me that he/she/they executed the), or the entity upon behalf of which the person(s) acted, executed the
	l certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
	Signature
RECEIVED AND AGREED TO BY ASSIGNEE: UNIVERSITY OF WASHINGTON	
Date: 2/0/10 Signature: 2/ 1/ / 1 Name: Scont Con 17 K Title: Comple a) Triversk house	June -

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RECORDED: 03/09/2018

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Page 2 of 2

PATENT REEL: 045158 FRAME: 0499