503675308 02/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3721944

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DANIEL A. WOLF	06/05/2012	
R. SCOTT MCIVOR	07/11/2012	

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA	
Street Address:	SUITE 600 MCNAMARA ALUMNI CTR.	
Internal Address:	200 OAK STREET SE	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55455	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	61484378
Application Number:	14103597

CORRESPONDENCE DATA

Fax Number:

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.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	600.812PRV AND 600.812US2	
NAME OF SUBMITTER:	DIANA JOHNSON	
SIGNATURE:	/Diana Johnson/	
DATE SIGNED:	02/02/2016	

Total Attachments: 9

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 600.812PRV Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Regents of the University of Minnesota Daniel A. Wolf, R. Scott McIvor Street Address: Suite 600 McNamara Alumni Ctr. 200 Oak Street SE Additional name(s) of conveying party(ies) attached? []Yes [X]No City: Minneapolis State: MN Zip: 55455 Country: <u>United States of America</u> 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: June 5, 2012, July 11, 2012 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 61/484,378 Serial No. 14/103,597 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Janet E. Embretson [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 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. February 2, 2016 /Janet E. Embretson/ Janet E. Embretson/Reg. No. 39,665 Signature Date Name of Person Signing Total number of pages including cover sheet: 9

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, Daniel A. Wolf and R. Scott McIvor, (hereinafter the "Undersigned") has [have] made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on May 7, 2012, which application was assigned US patent application serial number 13/465,575, and which is titled INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF LYSOSOMAL STORAGE DISEASES; which are described in a patent application filed on May 10, 2011, which application was assigned US application serial number 61/484,378, and which is titled INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF LYSOSOMAL STORAGE DISEASES.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Regents of the University of Minnesota (the "Assignee"), a university of the State of Minnesota, having a place of business at 1000 Westgate Drive, Suite 160, St. Paul, MN 55114-8658, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

Assignment Docket No: 600.812US1
Assignors: Daniel A. Wolf et al. Client Ref. No. 20100076

Title: INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF

LYSOSOMAL STORAGE DISEASES

Page 2 of 4

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

LYSOSOMAL STORAGE DISEASES Page 3 of 4
Assignor:
(Signature):
Name: Daniel A. Wolf
City/State: Lund, Sweden
ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746
The undersigned witnessed the signature of to execute the above Assignment and makes the following statements:
1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2 is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 2012 to execute the above Assignment.
3 subscribed to the above Assignment.
I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.
EXECUTED on JUNE STOIZ (date)
(Signature): Pedina Pedinasan
Print Name: PAULINA PETTERSSON

Assignment
Assignors: Daniel A. Wolf et al.

Title: INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF

Assignment Docket No: 600.812US1 Assignors: Daniel A. Wolf et al. Client Ref. No. 20100076 Title: INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF LYSOSOMAL STORAGE DISEASES Page 4 of 4
Assignor:
(Signature):
Name: R. Scott McIvor
City/State: St. Louis Park, MN
Date:
STATE OF)
)ss
COUNTY OF
COUNTY OF)
On this day of, 20 before me personally appeared <u>R. Scott</u> <u>McIvor</u> , to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.
[SEAL]

Notary Public

PATENT

REEL: 037641 FRAME: 0878

ASSIGNMENT

WHEREAS, Daniel A. Wolf and R. Scott McIvor, (hereinafter the "Undersigned") has [have] made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on May 7, 2012, which application was assigned US patent application serial number 13/465,575, and which is titled INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF LYSOSOMAL STORAGE DISEASES; which are described in a patent application filed on May 10, 2011, which application was assigned US application serial number 61/484,378, and which is titled INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES TO THE CENTRAL NERVOUS SYSTEM FOR THE TREATMENT OF LYSOSOMAL STORAGE DISEASES.

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the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

LYSOSOMAL STORAGE DISEASES

Page 2 of 4

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AGREED as of the date of my signature below:

Assignment Assignors: Daniel A. Wolf et al. Title: INTRANASAL DELIVERY OF THERAPEUT LYSOSOMAL STORAGE DISEASES Page 3 of 4	IC ENZYMES TO T	HE CENTRAL NE	RVOUS SYSTE	Client R	No: 600.812US1 ef. No. 20100076 ATMENT OF
Assignor:					
, 100,51,101,1					
(Signature):			i .		
Name: Daniel A. Wolf					
City/State:					
Date:					
		•			
STATE OF)					
)	SS				
COUNTY OF)					
,					
On this day of					
Wolf, to me known and known to me to					
instrument, and he/she duly acknowled purposes therein set forth.	iged to me that	ne/sne execu	ted the same	e for the uses	and
parposes therein sectorin.					
[SEAL]					

Notary Public

Assignment Assignors: Daniel A. Wolf et al. Title: INTRANASAL DELIVERY OF THERAPEUTIC ENZYMES	S TO THE CENTRAL NERVOUS SY	Docket No; 600:812US1 Client Ref. No. 20100076 STEM FOR THE TREATMENT OF
LYSOSOMAL STORAGE DISEASES Page 4 of 4		
Assignor:		
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16.1. 4.		
(Signature):	000000000000	
Name: R. Scott McIvor		
City/State: St. Louis Park, MN	4.1 V	
Date: 7/11/2012		
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A		
STATE OF Minnesota	S	
)ss	· · · · · · · · · · · · · · · · · · ·	
COUNTY OF Newnyain)		
On this <u>II</u> day of <u>July</u>		
Mclvor, to me known and known to me to be the instrument, and he/she duly acknowledged to me		
purposes therein set forth.	A A A	raine for the days and
and the second s		
Service Constitution of the Constitution of th	7	1
[SEAL]		45
TERESAL RITZ	Notary Public	

PATENT REEL: 037641 FRAME: 0882

RECORDED: 02/02/2016