504629101 11/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4675819

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL D FINCH	09/20/2016
WALTER LOW	12/22/2016
CLIFFORD STEER	12/16/2016
CYRUS B. MUNSHI	11/19/2016
CECILIA M.P. RODRIGUES	09/14/2016
SUSANA DIAS LUCAS DE OLIVEIRA	09/14/2016

RECEIVING PARTY DATA

Name:	METSELEX, INC.
Street Address:	5917 GIRARD AVE S
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55419

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15651721

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:	4550.005US2
NAME OF SUBMITTER:	BRENDA KOWALKE
SIGNATURE:	/Brenda Kowalke/
DATE SIGNED:	11/06/2017

Total Attachments: 9

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PATENT REEL: 044042 FRAME: 0324

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PATENT REEL: 044042 FRAME: 0325

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4550.005US2 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: Metselex, Inc. Michael D Finch, Walter Low, Clifford Steer, Cyrus B. Munshi, Cecilia M.P. Rodrigues, Susana Dias Lucas de Street Address: 5917 Girard Ave S Oliveira City: Minneapolis State: MN Zip: 55419 Country: United States of America Additional name(s) of conveying party(ies) attached? []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: <u>September 10, 2016, December 22, 2016, December 16, 2016, November 19, 2016,</u> September 14, 2016, September 14, 2016 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. 15/651,721 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):\$ <u>0.00</u> Name: Steven M. Reid [[Enclosed []Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. 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 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. October 30, 2017 Steven M. Reid/Reg. No. 54,393 Name of Person Signing Signature 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, Michael D Finch, Walter Low, Clifford Steer, Cyrus B. Munshi, Cecilia M.P. Rodrigues and Susana Dias Lucas de Oliveira (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filled on February 24, 2016, which application was assigned US patent application serial number 15/052,221, and which is titled DEUTERATED BILE ACIDS; which are described in a patent application filled on October 22, 2014, which application was assigned US application serial number 14/520,889, and which is titled DEUTERATED BILE ACIDS; which are described in a patent application filled on October 22, 2013, which application was assigned US application serial number 61/894,012, and which is titled DEUTERATED BILE ACIDS.

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 Metselex, Inc. (the "Assignee"), having a place of business at 5917 Grand Ave S, Minneapolis, MN 55419, 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 filled 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;

PATENT REEL: 044042 FRAME: 0327 Assignment
Assignors: Michael D Einch et al.
Title: DEUTERATED BILE ACIDS
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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:

Assignmen	nt
Assignois:	Michael D Finch et al.
Title: DE	ITERATED BILE ACIDS
Pone 4 of 8	:

Docket No: 4550.065US1

Assignor:

(Signature):

Name: Michael D Finch

City/State: Apple Valley, Minnesota

Date:

9-10-16

REEL: 044042 FRAME: 0329

Assignme	nt
Assignors	Michael D Finch et al.
Title: DB	ITERATED BILE ACIDS
Pere 4 of 5	₹

Docket No: 4550.005US1

Assignor

(Signature):

Name: Walter Low

City/State: Shorewood, Minneapolis

Date:

12/22/2016

REEL: 044042 FRAME: 0330

Assignment
Assignore: Michael D Finch et al.
Title: DEUTERATED BILE ACIDS
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Docket No: 4530.005US1

Assignor:

(Signature):

Name: Cifford Steer

City/State: Eagan, Minneapolis

Date:

PATENT

REEL: 044042 FRAME: 0331

Assignment
Assignora: Michael D Finch et al.
THE DEUTERATED BILE ACIDS
Property of &

Docket No: 4550.005US1

Assignor:

(Signature):

Name: Cyrus B. Munshi City/State: Blaine, MN

Date:

11/19/16

Assignment
Assignment Michael D Fineh et al
Title: DEUTERATEO BILE ACIOS
FORE 7 BES

Docket Not 4550 005 US :

Assignor:

(Signature):

Certio Maireleu Mofrini

Name: Cecilia M.P. Rodrigues
City/State: Usbon, Portugal

Oste

14 Sept 2016

Assignmen	ıł.
Assignors:	Michael D Finch et al.
Title: DEL	TERATED BILE ACIDS
Page 8 of 8	

Docket No: 4550,005UST

Assignor:

(Signature):

Susana Drustuas de Milaine

Name: <u>Susana Dias Lucas de Oliveira</u> City/State: <u>Sao Joao da Talha, Portugal</u>

Date:

RECORDED: 11/06/2017

14.09 2016

PATENT REEL: 044042 FRAME: 0334