

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3849416

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR MEENA'S NAME previously recorded on Reel 029572 Frame 0708. Assignor(s) hereby confirms the ASSIGNOR MEENA DOES NOT HAVE A FAMILY NAME. HER FULL NAME IS MEENA.
CONVEYING PARTY DATA	
Name	Execution Date
GREGORY L. VERDINE	01/27/2012
MEENA .	01/27/2012
NAOKI IWAMOTO	01/24/2012
RECEIVING PARTY DATA	
Name:	ONTORII, INC.
Street Address:	419 WESTERN AVENUE
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02135
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13381323
CORRESPONDENCE DATA	
Fax Number:	(617)502-5002
<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:	617-248-5000
Email:	PatentDocket@choate.com
Correspondent Name:	CHOATE HALL & STEWART LLP
Address Line 1:	TWO INTERNATIONAL PLACE
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	2010581-0004
NAME OF SUBMITTER:	XIAODONG LI
SIGNATURE:	/Xiaodong Li/
DATE SIGNED:	04/27/2016
Total Attachments: 3	
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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gregory L. Verdine</td> <td>01/27/2012</td> </tr> <tr> <td>Meena Meena</td> <td>01/27/2012</td> </tr> <tr> <td>Naoki Iwamoto</td> <td>01/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gregory L. Verdine	01/27/2012	Meena Meena	01/27/2012	Naoki Iwamoto	01/24/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Ontorii, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>419 Western Avenue</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02135</td> </tr> </table>		Name:	Ontorii, Inc.	Street Address:	419 Western Avenue	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02135
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Application Number:	13381323										
CORRESPONDENCE DATA											
<p>Fax Number: 6175025002</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-248-5000</p> <p>Email: patentdocket@choate.com</p> <p>Correspondent Name: Choate, Hall & Stewart LLP</p> <p>Address Line 1: Two International Place</p> <p>Address Line 4: Boston, MASSACHUSETTS 02110</p>											
ATTORNEY DOCKET NUMBER:	2010581-0004										
NAME OF SUBMITTER:	Danielle M. Nihan, PhD										
<p>Total Attachments: 2</p> <p>source=Executed_Assignment#page1.tif</p> <p>source=Executed_Assignment#page2.tif</p>											

OP \$40.00 13381323

PATENT

REEL: 038543 FRAME: 0762

ASSIGNMENT OF APPLICATION

Docket Number 39135-701.831

Whereas, the undersigned:

1. VERDINE, Gregory L.
52 Hyde Avenue
Newton, MA 02458

2. MEENA, Meena
39 Trowridge Street
Belmont, MA 02478

3. IWAMOTO, Naoki
10 Lothian Road, #9
Brighton, MA 02135

hereinafter termed "Inventors", have invented certain new and useful improvements in

NOVEL NUCLEIC ACID PRODRUGS AND METHODS OF USE THEREOF

- ☐ for which a United States patent application is executed on even date herewith;
- ☒ for which Application No. 13/381,323 was filed on December 28, 2011, in the United States Patent and Trademark Office, said application being a U.S. National Phase application of PCT/US2010/041068, which was filed on July 6, 2010 in the U.S. Receiving Office of the Patent Cooperation Treaty;
- ☐ for which Application No. _____ was filed on _____ in the _____ Patent Office; and/or
- ☐ for which an application was filed upon which a United States Patent issued on _____, as U.S. Patent No. _____ (hereinafter "Application(s)").

WHEREAS, Qontari, Inc., a corporation of the State of Delaware, having a place of business at 419 Western Avenue, Boston, MA 02115, United States of America, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally 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 and foreign countries. Such cooperation by said Inventors 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 of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention, and (f) for legal proceedings involving said invention and any applications therefor and any patents 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 the expense incurred by said Inventors 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 Inventors, their respective heirs, legal representatives and assigns.

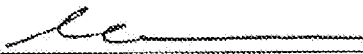
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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 inventors have executed and delivered this instrument to said Assignee as of the dates written below:

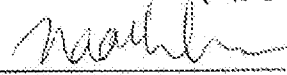
Date: 01/27/2012


GREGORY L. VERDINE

Date: 01/27/2012

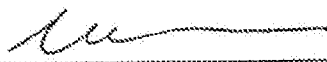
Meena
MEENA MEENA

Date: 01/24/2012

Meena 04/26/2016

NAOKI IWAMOTO

RECEIVED AND AGREED TO BY ASSIGNEE: Ontorii, Inc.

Date: 01/27/2012

By: 
Name: Gregory L. Verdine
Title: President

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