10/03/2013 502519777

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Carsten Rudolph	08/19/2013
Christian Plank	08/19/2013

RECEIVING PARTY DATA

Name:	Ethris GmbH
Street Address:	Lochhamerstr. 11
City:	Martinsried
State/Country:	GERMANY
Postal Code:	82152

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US1344771

CORRESPONDENCE DATA

Fax Number: 6175025002

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6172485000

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:	2006685-0333
NAME OF SUBMITTER:	PAUL A. NUZZI, PHD.
Signature:	/Paul A. Nuzzi/
Date:	10/03/2013

PATENT REEL: 031339 FRAME: 0001

Total Attachments: 5

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> PATENT REEL: 031339 FRAME: 0002

Attorney Docket No: 2006685-0333

COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Carsten Rudolph	Martinsried, Germany
2. Christian Plank	Martinsried, Germany

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

PUI	LMONARY DELIVERY OF MRNA TO NON-LUNG TARGET CELL; and
	prepared for filing in the United States Patent and Trademark Office; or
States Patent a	identified by United States Application Serial No. Serial No. filed in the United and Trademark Office on Filing Date; and
⊠ June 7, 2013;	identified by International Patent Application No. PCT/US13/44771 filed on and
\boxtimes	is also aware of the following priority applications:
Seria	l No : H.S.S.N. 61/657.452; Filed: June 8, 2012

WHEREAS Ethris GmbH (hereinafter "ASSIGNEE"), having a usual place of business at Lochhamerstr. 11, 82152 Martinsried, Germany, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application.

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Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

- AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;
- AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;
- AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;
- AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;
- AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;
- AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

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B. DECLARATION (37 CFR 1.63)

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

PULMONARY DELIVERY OF MRNA TO NON-LUNG TARGET CELL; and

Office; or	attached hereto or prepared for filing in the United States Patent and Trademark
States Patent	identified by United States Application Serial No. Serial No. filed in the United and Trademark Office on Filing Date; or
∑ June 7, 2013.	identified by International Patent Application No. PCT/US13/44771 filed on

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the application, including the claims and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

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Name: Carsten Rudolph	Date
Witness Signature:	
The William Soil	19.08.2013
Name (please print): Tise Hubrier - Seivi	Date
Witness Signature: S. Hankevych	19.08. 2013
Name (please print): Co. 182 - Mary legacet	Date

Name: Christian Plank	19.08.2013 Date
Witness Signature: The Wildue - Stol Name (please print): Tise Hühner - Seibi	19.08.2013
Witness Signature: S. Harkevych Name (please print): Svitlana Harkevych	19.08.2013 Date

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PATENT REEL: 031339 FRAME: 0007