

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4997684

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MARINA BIOTECH, INC.	05/25/2018
RECEIVING PARTY DATA		
Name:	NOVOSOM VERWALTUNGS GMBH	
Street Address:	WEINBERGWEG 23	
City:	HALLE	
State/Country:	GERMANY	
Postal Code:	06120	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	13378484	
Application Number:	15050416	
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	MR250WOUS	
NAME OF SUBMITTER:	RICHARD R. ECKMAN	
SIGNATURE:	/ Richard R Eckman /	
DATE SIGNED:	06/08/2018	
Total Attachments: 4		
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **MARINA BIOTECH, INC.**, a Delaware corporation, with offices at 3830 Monte Villa Parkway, Bothell, WA 98021, USA, confirms that it has sold and assigned, and does hereby assign, sell and transfer to **Novosom Verwaltungs GmbH**, a corporation organized under the laws of Germany, with offices at **Weinbergweg 23, 06120 Halle, Germany**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States of America and in All Countries, in and to any and all inventions, discoveries and applications which are disclosed in the following applications for Letters Patent:

Serial No.	Filing Date	Title
European Patent Application 09171102.8	23 SEPT 2009	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
European Patent Application 09165106.7	09 JULY 2009	EMULATION OF LIPOPROTEIN STRUCTURES
PCT/EP2010/059487	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
2010270337 Australia	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
11 2012 000255 4 Brazil	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
2,765,694 Canada	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
ZL 201080031041.7 China	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
10734065.5 European Patent Office	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
14188521.0 European Patent Office	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
189/MUMNP/2012 India	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
2012-518924 Japan	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
10-2012-7003373 Korea	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS
13/378,484 United States of America	02 JULY 2010	AMPHOTERIC LIPOSOMES COMPRISING IMINO LIPIDS



First Inventor: Steffen Panzner et al
Application Nos.: PCT/EP2010/059487

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Serial No.	Filing Date	Title
15/050,416 United States of America	22 FEB 2016	IMINO COMPOUNDS FOR AMPHOTERIC LIPOSOMES AND USES THEREOF

including any subsequently filed utility applications, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

MARINA BIOTECH, INC. hereby authorizes and requests the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world in All Countries to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

MARINA BIOTECH, INC. agrees, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

MARINA BIOTECH, INC. further agrees at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

MARINA BIOTECH, INC. hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.



First Inventor: Steffen Panzner et al
Application Nos.: PCT/EP2010/059487

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MARINA BIOTECH, INC. further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, MARINA BIOTECH, INC. has caused this Patent Assignment to be duly signed on its behalf.

Date: _____

Signature of: **Vuong Trieu, Executive Chairman**
MARINA BIOTECH, INC.

IN WITNESS WHEREOF, ASSIGNEE has caused this Patent Assignment to be duly signed on its behalf.

Date: June 1st, 2018

Signature of: **Steffen Panzner, CEO & Founder**
Novosom Verwaltungs GmbH

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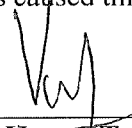
First Inventor: Steffen Panzner et al
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IN WITNESS WHEREOF, MARINA BIOTECH, INC. has caused this Patent Assignment to be duly signed on its behalf.

Date: 5/25/2018



Signature of: **Vuong Trieu, Executive Chairman**
MARINA BIOTECH, INC.

IN WITNESS WHEREOF, ASSIGNEE has caused this Patent Assignment to be duly signed on its behalf.

Date: _____

Signature of: **Steffen Panzner, CEO & Founder**
Novosom Verwaltungs GmbH