503698573 02/18/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH G. REYNOLDS	09/03/2013
JOSEPH G. OLIVIER JR.	08/28/2013
BART S. HENDRIKS	09/03/2013
THOMAS WICKHAM	09/03/2013
STEPHAN KLINZ	08/28/2013
ELENA GERETTI	09/03/2013

RECEIVING PARTY DATA

Name:	MERRIMACK PHARMACEUTICALS, INC.
Street Address:	ONE KENDALL SQUARE, SUITE B7201
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139-1670

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14831199
Application Number:	14832103

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	239669-374815
NAME OF SUBMITTER:	CYNTHIA M. BOTT, PH.D.
SIGNATURE:	//Cynthia M. Bott, Ph.D.//
DATE SIGNED:	02/18/2016

PATENT 503698573 REEL: 037767 FRAME: 0417

Total Attachments: 9 source=1001034US01-Assignment#page1.tif source=1001034US01-Assignment#page2.tif source=1001034US01-Assignment#page3.tif source=1001034US01-Assignment#page4.tif source=1001034US01-Assignment#page5.tif source=1001034US01-Assignment#page6.tif source=1001034US01-Assignment#page7.tif source=1001034US01-Assignment#page8.tif source=1001034US01-Assignment#page8.tif

PATENT REEL: 037767 FRAME: 0418

ASSIGNMENT BY INVENTORS

THIS	ASSIGNMENT	, made this	day of _	***************************************	
by Joseph G. R	eynolds; Kenne	th J. Olivier,	Jr.; Bart S. Hend	driks; Thomas '	Wickham;
Stephan Klinz; a	and Elena Gere	tti (hereinaft	er referred to as	Assignors), res	siding at 288
Winter St., Norti	h Andover, Mas	sachusetts	01845; 8 Austin	Drive, Attlebor	O,
Massachusetts	02703; 225 Cr	oss Street, E	Belmont, Massacl	husetts 02478	; 20 Hickory
Lane, Groton, N	lassachusetts	01450; 132 \	Wilson St., Norw	ood Massachu	setts
02062; and 27 (Chalk Street #2	, Cambridge	, Massachusetts	01239, respec	ctively;

WHEREAS, Assignors have invented certain new and useful improvements in DOSAGE AND ADMINISTRATION FOR PREVENTING CARDIOTOXICITY IN TREATMENT WITH ERBB2-TARGETED IMMUNOLIPOSOMES COMPRISING ANTHRACYCLIN CHEMOTHERAPEUTIC AGENTS, set forth in a Patent application for Letters Patent of the United States, already filed on June 6, 2013 as U.S. Application No. 13/912,167; and

WHEREAS, Merrimack Pharmaceuticals, Inc., having its principal place of business at One Kendall Square, Suite B7201, Cambridge, Massachusetts 02139-1670 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention

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for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS WILDMAN PALMER LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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	Good D. Bynolek
8	Joseph G. Reynolds
Date: $\frac{9/3}{13}$	~
United States of America)
State of <u>massach Usetts</u>) ss.:
County of <u>m. Malesex</u>	
	nolds , to me known to be the individual poing instrument, and acknowledged execution
BRENDA LUCIANO Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires September 19, 2019	Motary Public

Kenneth J. Olivier, Jr.

Date: <u>28AV69013</u>	
United States of America) State of <u>MassachuseHs</u>) so County of <u>MaddleSex</u>	> .5-
On this 28th day of August personally came Kenneth J. Olivier, J described in and who executed the foregoing of the same. SHENDALUCIANO Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires September 19, 2019	

Bart S. Hendriks

Date: 9	-3-2013	••••	
United States of An	nerica)	
State of	massachusett) ss.∵	
County of	modalesex)	
On this <u>3rd</u>	day of <u>See</u>	<u> sember.</u>	유이크, before me
personally came	Bart S. He		me known to be the individual
described in and wh	no executed the fo	regoing instrumen	t, and acknowledged execution
of the same.			
		Dur	da Justano
		Notary Pu	blic

BRENDA LUCIANO

Notery Public

Notery Public

NOTERNATION OF MASSACHUSETTS

My Commission Expires

September 19, 2019

Thomas Wickham

Date: <u>9 - 3</u>	3-2013	3			
United States of An	nerica)			
State of	Massad	WSeHS)	SS.:		
County of	Middle				
On this <u>3 re</u> personally came	day of	Septesse mas Wickhar	<u>lace</u> ,	2073 to me known to	_, before me
described in and wh					
of the same.		•	•	•	· ·
					Millian Santa
COMMONWEAL MY CO	VDA LUCIANI lotary Putric LTH OF MASSACHI mmission Expires amber 19, 2019		Notary F	uda X,	uclano

Stephan Klinz

Date: <u>8/28/20</u>	3		
United States of America State of இன் County of இந்தி	i <u>achiúsetts</u>) ss Mesex	s.;	
On this 28+4 day personally came described in and who exe of the same.	Stephan Klinz	, to me k	nown to be the individual
BRENDA LUCIA NOISY Public	NO -	<u> </u>	Juciano

My Commission Expires September 19, 2019

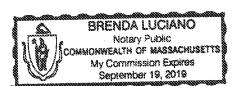
Eléna Geretti

United States of America
State of Mossockuse45 ss.:

County of Mossockuse45 ss.:

On this 3 d day of Sept., 2013, before me personally came Elena Geretti, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution

Notary Public



88192CON(309768)

of the same,