506383630 12/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6430386

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LYN LIBERTINE	11/05/2012
ANASTASIA KHVOROVA	11/15/2012
WILLIAM SALOMON	01/07/2013
JOANNE KAMENS	11/08/2012
DMITRY SAMARSKY	01/03/2013
TOD M. WOOLF	12/12/2012
JAMES CARDIA	11/05/2012

RECEIVING PARTY DATA

Name:	RXI PHARMACEUTICALS CORPORATION
Street Address:	257 SIMARANO DRIVE
Internal Address:	SUITE 101
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15930377

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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.

Phone: 6176468000

Email: Assignments@WolfGreenfield.com

Correspondent Name: JESSICA A. VON REYN

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

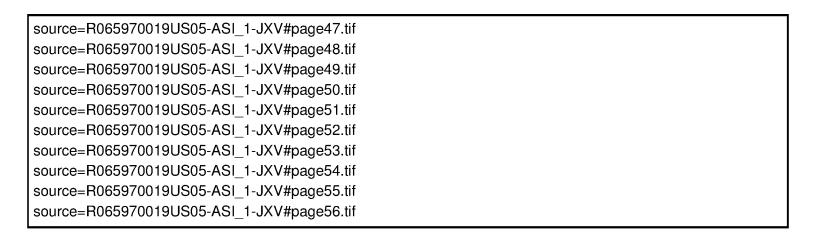
Address Line 2: 600 ATLANTIC AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	R0659.70019US05	
NAME OF SUBMITTER:	JESSICA A. VON REYN	
SIGNATURE:	/Jessica A. von Reyn/	

PATENT 506383630 REEL: 054585 FRAME: 0214 **DATE SIGNED:** 12/03/2020 **Total Attachments: 56** source=R065970019US05-ASI 1-JXV#page1.tif source=R065970019US05-ASI 1-JXV#page2.tif source=R065970019US05-ASI 1-JXV#page3.tif source=R065970019US05-ASI 1-JXV#page4.tif source=R065970019US05-ASI 1-JXV#page5.tif source=R065970019US05-ASI 1-JXV#page6.tif source=R065970019US05-ASI 1-JXV#page7.tif source=R065970019US05-ASI_1-JXV#page8.tif source=R065970019US05-ASI 1-JXV#page9.tif source=R065970019US05-ASI 1-JXV#page10.tif source=R065970019US05-ASI 1-JXV#page11.tif source=R065970019US05-ASI_1-JXV#page12.tif source=R065970019US05-ASI 1-JXV#page13.tif source=R065970019US05-ASI 1-JXV#page14.tif source=R065970019US05-ASI 1-JXV#page15.tif source=R065970019US05-ASI_1-JXV#page16.tif source=R065970019US05-ASI 1-JXV#page17.tif source=R065970019US05-ASI 1-JXV#page18.tif source=R065970019US05-ASI 1-JXV#page19.tif source=R065970019US05-ASI_1-JXV#page20.tif source=R065970019US05-ASI 1-JXV#page21.tif source=R065970019US05-ASI 1-JXV#page22.tif source=R065970019US05-ASI 1-JXV#page23.tif source=R065970019US05-ASI 1-JXV#page24.tif source=R065970019US05-ASI 1-JXV#page25.tif source=R065970019US05-ASI 1-JXV#page26.tif source=R065970019US05-ASI 1-JXV#page27.tif source=R065970019US05-ASI 1-JXV#page28.tif source=R065970019US05-ASI 1-JXV#page29.tif source=R065970019US05-ASI 1-JXV#page30.tif source=R065970019US05-ASI 1-JXV#page31.tif source=R065970019US05-ASI 1-JXV#page32.tif source=R065970019US05-ASI_1-JXV#page33.tif source=R065970019US05-ASI_1-JXV#page34.tif source=R065970019US05-ASI 1-JXV#page35.tif source=R065970019US05-ASI 1-JXV#page36.tif source=R065970019US05-ASI_1-JXV#page37.tif source=R065970019US05-ASI_1-JXV#page38.tif source=R065970019US05-ASI 1-JXV#page39.tif source=R065970019US05-ASI 1-JXV#page40.tif source=R065970019US05-ASI_1-JXV#page41.tif source=R065970019US05-ASI_1-JXV#page42.tif source=R065970019US05-ASI 1-JXV#page43.tif source=R065970019US05-ASI 1-JXV#page44.tif source=R065970019US05-ASI 1-JXV#page45.tif source=R065970019US05-ASI 1-JXV#page46.tif

> PATENT REEL: 054585 FRAME: 0215



PATENT REEL: 054585 FRAME: 0216

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- 1. Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation having a place of business at 1500 West Park Drive; Suite 210; Westborough, Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. R0659.70019US02 2860003.1

Page 1 of 8

05 Nov 2012 Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS **COUNTY OF**

On this

personally appeared

, 20/2, before me, the undersigned notary public, proved to me through satisfactory evidence of day of

identification, which were

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

My commission expires:

TAMARA McGRILLEN Notary Public OMMONWEALTH OF MASSACHUSETTS My Commission Expires

September 22, 2017

			•
Date		Inventor:	Anastasia Khvorova
		Address:	10 Rocklawn Road
			Westborough, MA 01581
		Citizenship:	US
COMMONWEALTH OF	- MASSACHUSET	TS	
COUNTY OF		_:	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Anastasia k	(hvorova	, proved to me through satisfactory evidence of
identification, which we	re		,
· ·	-		document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
	Nota	ry Public	
My commission exp	pires:		

Page 3 of 8

Date		Inventor:	William Salomon
		Address:	210 Mountain Street East
			Apt. 278
			Worcester, Massachusetts 01606
		Citizenship:	US
COMMONWEALTH OF	E MACCACULICET	Te	
COUNTY OF	- WASSACHUSET	: -	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	William Sa	lomon	, proved to me through satisfactory evidence of
identification, which we			-
to be the person who si	igned the preceding	g or attached o	document in my presence and swore or affirmed
to me that the contents	of the document a	re truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (h	ne) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
	Notar	y Public	
My commission exp	pires:		

Page 4 of 8

Date	Invento	r: Joanne Kamens
	Addres	s: 21 Wessex Road
		Newton, MA 02459
	Citizenshi	p: US
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Joanne Kamens	, proved to me through satisfactory evidence of
identification, which we		d document in my presence and sware or offirmed
		d document in my presence and swore or affirmed nd accurate to the best of (his) (her) knowledge
		gned it voluntarily for its stated purpose.
and bollor and downown	saged to the that (no) (she) sig	grow it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	vires:	
•		

Page 5 of 8

Date	Inventor:	Dmitry Samarsky
	Address:	15 Wayside Road
		Westborough, MA 01581
	Citizenship:	US
COMMONWEALTH OF	MASSACHUSETTS	,
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Dmitry Samarsky	, proved to me through satisfactory evidence of
identification, which were		
to be the person who sig	ned the preceding or attached	document in my presence and swore or affirmed
to me that the contents of	of the document are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowle	dged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
OE AL		
SEAL		
	Nictory Dublic	
	Notary Public	

Page 6 of 8

ı			
Date		Inventor:	Tod M. Woolf
		Address:	14 Babe Ruth Drive
			Sudbury, MA 01776-1942
	C	Citizenship:	US
COMMONWEALTH OF N	MASSACHUSETTS	3	
COUNTY OF	:		
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Tod M. Wo	oolf	, proved to me through satisfactory evidence of
identification, which were			,
, ,			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge ed it voluntarily for its stated purpose.
and bonor and admirowing	god to mo mat (no)	, (c.i.c.) cigi.i.	or it void itality for its states parpose.
SEAL			
	Notary	Public	
My commission expire	es:		

Page 7 of 8

Date		Inventor:	James Cardia
		Address:	11 Bacon Street
			Franklin, MA 02038
,		Citizenship:	US
COMMONWEALTH O	F MASSACHUSET	TS	
COUNTY OF		_:	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	James C	ardia	, proved to me through satisfactory evidence of
identification, which we			,
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowl	ledged to me that (h	ne) (she) signe	ed it voluntarily for its stated purpose.
OFAL			
SEAL			
	Notar	y Public	
My commission exp	oires:		

Page 8 of 8

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation 1. having a place of business at 1500 West Park Drive; Suite 210; Westborough, Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally. and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. R0659.70019US02 2860003.1

Page 1 of 8

Date	lı	nventor:	Lyn Libertine
	Δ	Address:	61 Nixon Road
			Framingham, MA 01701
	Citiz	zenship:	US
COMMONIMENTALTILOE	MACCACHUCETTO		
COMMONWEALTH OF	MASSACHUSETTS		
COUNTY OF	• ,		
On this	day of		, before me, the undersigned notary public,
personally appeared	Lyn Libertine	– ' – –	, proved to me through satisfactory evidence of
identification, which wer			,
to be the person who sign	aned the preceding or a	ttached c	document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.			
and bonor and asknown	ragea to me that (ne) (or	ne, signe	of it voluntarily for its stated purpose.
SEAL			
	Notary Pub	olic	
My commission exp	ires:		
			· · · · · · · · · · · · · · · · · · ·

Page 2 of 8

11.15,12	Alfila
Date Inventor:	Anastasia Khvorova
Address:	10 Rocklawn Road
	Westborough, MA 01581
Citizenship:	US
COMMONWEALTH OF MASSACHUSETTS COUNTY OF WOTOSTULE:	
On this 15 day of 10 day of 15 Anastasia Khvorova	-
identification, which were	, proved to me through satisfactory evidence of
to be the person who signed the preceding or attached to me that the contents of the document are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed	ed it voluntarily for its stated purpose.
SEAL Orof- Jan Ky Notzry Public	18K

My commission expires:

Page 3 of 8

CAROL-JEAN ZYSK

Notary Public, Commonwealth of Massachusetts
My Commission Expires June 29, 2018

Date	Inventor:	William Salomon
	Address:	210 Mountain Street East
		Apt. 278
		Worcester, Massachusetts 01606
	Citizenship:	US
OOM AON WE ALT LLOS	* MACCACI III OF TTO	
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	•	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	William Salomon	, proved to me through satisfactory evidence of
identification, which we	re	 ,
to be the person who si	gned the preceding or attached	document in my presence and swore or affirmed
to me that the contents	of the document are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
OFAL		
SEAL		
	Notary Public	
My commission exp	ires:	

Page 4 of 8

Date		Inventor:	Joanne Kamens
		Address:	21 Wessex Road
			Newton, MA 02459
		Citizenship:	US
COMMONWEALTH O	F MASSACHUSETT	ΓS	
COUNTY OF		_:	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Joanne Ka	mens	, proved to me through satisfactory evidence of
identification, which we			,
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that (h	ie) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
	Notar	y Public	,
My commission exp	oires:		

Page 5 of 8

Date	Inventor:	Dmitry Samarsky
	Address:	15 Wayside Road
		Westborough, MA 01581
	Citizenship:	US
COMMONWEALTH OF I	MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Dmitry Samarsky	, proved to me through satisfactory evidence of
identification, which were		
•	_	document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
and belief and acknowled	aged to me that (he) (she) sight	ed it voluntarily for its stated purpose.
SEAL		
•	Notary Public	
My commission expir	es:	

Date		Inventor:	Tod M. Woolf
		Address:	14 Babe Ruth Drive
			Sudbury, MA 01776-1942
		Citizenship:	US
COMMONWEALTH OF	MACCACHICETT	c	
	- MASSACHUSETT		
COUNTY OF		· -	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Tod M. W	oolf	, proved to me through satisfactory evidence of
identification, which we	re		
to be the person who si	gned the preceding	or attached	document in my presence and swore or affirmed
to me that the contents	of the document are	e truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he	e) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
SEAL			
	Notary	/ Public	
My commission exp	oires:		

Page 7 of 8

Date		Inventor:	James Cardia
		Address:	11 Bacon Street
			Franklin, MA 02038
		Citizenship:	US
COMMONWEALTH OF	MASSACHUSETT	S	
COUNTY OF		:	
On this	day of		hefere me, the undersigned netary public
personally appeared	day of James Ca	,	, before me, the undersigned notary public, , proved to me through satisfactory evidence of
identification, which wer		aiuia	, proved to me imough satisfactory evidence of
*		or attached of	' document in my presence and swore or affirmed
•			accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (h	e) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
	Notary	y Public	
My commission exp	ires:		

Page 8 of 8

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation 1. having a place of business at 1500 West Park Drive; Suite 210; Westborough, Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee:
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. R0659.70019US02 2860003.1

Page 1 of 8

Date		Inventor:	Lyn Libertine
		Address:	61 Nixon Road
			Framingham, MA 01701
		Citizenship:	US
COMMONWEALTH OF	- MASSACHUSETT	S	
COUNTY OF		:	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Lyn Libert	tine	, proved to me through satisfactory evidence of
identification, which wer			1
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he	e) (she) signe	d it voluntarily for its stated purpose.
SEAL			
	Notary	Public	
My commission exp	ires:		

Page 2 of 8

Date	Invent	or: Anastasia Khvorova
	Addres	ss: 10 Rocklawn Road
		Westborough, MA 01581
	Citizensh	ip: US
COMMONWEALTH OI	- MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Anastasia Khvorova	, proved to me through satisfactory evidence of
identification, which we	re	,
to be the person who s	igned the preceding or attache	ed document in my presence and swore or affirmed
to me that the contents	of the document are truthful a	and accurate to the best of (his) (her) knowledge
		gned it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	pires:	

Page 3 of 8

Inventor:

Address: 2 Farrar Avenue

Apt. 2

Worcester, Massachusetts 01604

Citizenship: US

COMMONWE	ALTH	OF	MASSACHUSETT	S
	2	,	,	

COUNTY OF Worcester:

personally appeared

On this

day of January , 2013, before me, the undersigned notary public, william Salomon, proved to me through satisfactory evidence of

identification, which were

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge

and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

My commission expires:

Notary Public

April 20, 2018

Date	Inventor:	Joanne Kamens
	Address:	21 Wessex Road
		Newton, MA 02459
	Citizenship:	US
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Joanne Kamens	, proved to me through satisfactory evidence of
identification, which wer		,
		document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (she) signe	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	ires:	

Page 5 of 8

Date	Inventor:	Dmitry Samarsky
	Address:	15 Wayside Road
		Westborough, MA 01581
	Citizenship:	US
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	<u> </u>	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Dmitry Samarsky	, proved to me through satisfactory evidence of
identification, which we		
to be the person who si	gned the preceding or attached	document in my presence and swore or affirmed
to me that the contents	of the document are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (she) signe	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	ires:	·

Page 6 of 8

Date	Inve	entor: Tod M. Woolf
	Add	lress: 14 Babe Ruth Drive
		Sudbury, MA 01776-1942
	Citizen	nship: US
COMMONWEALTH O	F MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, , before me, the undersigned notary public,
personally appeared	Tod M. Woolf	, proved to me through satisfactory evidence of
identification, which we		1
		ched document in my presence and swore or affirmed
		ul and accurate to the best of (his) (her) knowledge
and belief and acknowl	ledged to me that (he) (she)	signed it voluntarily for its stated purpose.
SEAL		
	Notary Public	M
My commission exp	oires:	

Date	Inventor:	James Cardia	
	Address:	11 Bacon Street	
		Franklin, MA 02038	
	Citizenship:	US	
COMMONWEALTH OF	MASSACHUSETTS		
COUNTY OF	:		
On this	day of ,	, before me, the undersigned notary public,	
personally appeared	James Cardia	, proved to me through satisfactory evidence of	
identification, which were ,			
to be the person who signed the preceding or attached document in my presence and swore or affirmed			
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge			
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.			
OT AL			
SEAL			
	Notary Public		
My commission exp	vires:		
			

Page 8 of 8

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation having a place of business at 1500 West Park Drive; Suite 210; Westborough. Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea:
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. R0659.70019US02 2860003.1

Page 1 of 8

Date		Inventor:	Lyn Libertine
		Address:	61 Nixon Road
			Framingham, MA 01701
		Citizenship:	US
COMMONWEALTH O	F MASSAC	CHUSETTS	
COUNTY OF		<u>:</u>	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	-	Lyn Libertine	, proved to me through satisfactory evidence of
identification, which we			,
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to r	ne that (he) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
		Notary Public	
My commission exp	oires:		•

Page 2 of 8

100			
Date		Inventor:	Anastasia Khvorova
		Address:	10 Rocklawn Road
			Westborough, MA 01581
	(Citizenship:	US
COMMONWEALTH OF	MASSACHUSETTS	3	
COUNTY OF			
0 "			
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Anastasia Kh	vorova	, proved to me through satisfactory evidence of
identification, which wer			,
to be the person who signed the preceding or attached document in my presence and swore or affirmed			
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge			
and belief and acknowle	aged to me that (he) (sne) signe	ed it voluntarily for its stated purpose.
SEAL			
J L I L	Notary	Public	
	·	i ublic	
My commission expi	ires:		

Page 3 of 8

Date	Inventor:	William Salomon
	Address:	210 Mountain Street East
		Apt. 278
		Worcester, Massachusetts 01606
	Citizenship:	US
	·	
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	:	
40 N 30 A A A A A A A A A A A A A A A A A A		
On this	day of ,	, before me, the undersigned notary public,
personally appeared	William Salomon	, proved to me through satisfactory evidence of
identification, which we		,
•		document in my presence and swore or affirmed
to me that the contents	of the document are truthful and	I accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	pires:	

Page 4 of 8

Date Inventor:	Joanne Kamerls
Address:	21 Wessex Road
	Newton, MA 02459
Citizenship:	US
COMMONWEALTH OF MASSACHUSETTS COUNTY OF MILLLEY:	
	/ 2, before me, the undersigned notary public,
	, proved to me through satisfactory evidence of
identification, which were personal knowledge	<u>_</u> ,
to be the person who signed the preceding or attached d	* *
to me that the contents of the document are truthful and	, , , ,
and belief and acknowledged to me that (he) (she) signe	d it voluntarily for its stated purpose.
SEAL Notary Public	4.
My commission expires:	

Date	Inventor:	Dmitry Samarsky
	Address:	15 Wayside Road
		Westborough, MA 01581
	Citizenship:	US
COMMONWEALTH O	F MASSACHUSETTS	
COUNTY OF	•	
On this	da	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Dmitry Samarsky	_, proved to me through satisfactory evidence of
identification, which we		
•	•	document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	pires:	

Date		Inventor:	Tod M. Woolf
		Address:	14 Babe Ruth Drive
			Sudbury, MA 01776-1942
		Citizenship:	US
COMMONWEALTH O	E MASSACHLISE	TTQ	
COUNTY OF	I WASSACTIOSE	:	
			
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Tod M	l. Woolf	, proved to me through satisfactory evidence of
identification, which we			,
		-	document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that	t (he) (she) signe	ed it voluntarily for its stated purpose.
CEAL			
SEAL			
	No	tary Public	
My commission ex	pires:		

Page 7 of 8

Date	Inventor:	James Cardia
	Address:	11 Bacon Street
		Franklin, MA 02038
	Citizenship:	US
COMMONWEALTH O	F MASSACHUSETTS	
COUNTY OF		
On this	day of ,	, before me, the undersigned notary public,
personally appeared	James Cardia	, proved to me through satisfactory evidence of
identification, which we	ere	- ,
to be the person who s	igned the preceding or attached	document in my presence and swore or affirmed
		d accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
SEAL		·
	Notary Public	
My commission ex	pires:	<u>.</u>

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation having a place of business at 1500 West Park Drive; Suite 210; Westborough, Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal. reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee:
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. R0659.70019US02 2860003.1 Page 1 of 8

Date	Inventor:	Lyn Libertine
	Address:	61 Nixon Road
		Framingham, MA 01701
	Citizenship:	US
	- MAGGAGUUGETTO	
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	:	
On this	day of	, before me, the undersigned notary public,
personally appeared	Lyn Libertine	, proved to me through satisfactory evidence of
identification, which we	re	,
to be the person who s	igned the preceding or attached	document in my presence and swore or affirmed
to me that the contents	of the document are truthful and	d accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
•		
SEAL		
	Notary Public	
My commission exp	oires:	
		The state of the s

Date	Inventor:	Anastasia Khvorova
	Address:	10 Rocklawn Road
		Westborough, MA 01581
	Citizenship:	US
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	• •	
On this	day of	, before me, the undersigned notary public,
personally appeared	Anastasia Khvorova	, proved to me through satisfactory evidence of
identification, which we		
		document in my presence and swore or affirmed
		d accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	pires:	

Date	Ir	nventor:	William Salomon
	A	ddress:	2 Farrar Avenue
			Apt. 2
			Worcester, Massachusetts 01604
	Citiz	zenship:	US
		•	
COMMONWEALTH OF	MASSACHUSETTS		
COUNTY OF	:		
	_	Yes	to force and the condensioned potent public
On this	day of		, before me, the undersigned notary public,
personally appeared	William Salomo	n	, proved to me through satisfactory evidence of
identification, which we		attached	, document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
			ed it voluntarily for its stated purpose.
SEAL			
	Notary Pu	blic	
My commission exp	oires:		
•			

Date	Inventor:	Joanne Kamens
	Address:	21 Wessex Road
		Newton, MA 02459
	Citizenship:	US
COMMONWEALTH OF	F MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Joanne Kamens	, proved to me through satisfactory evidence of
identification, which we	ere	,
to be the person who s	signed the preceding or attached	document in my presence and swore or affirmed
to me that the contents	of the document are truthful and	d accurate to the best of (his) (her) knowledge
and belief and acknowl	ledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp		

Page 5 of 8

Jan 03, 2013	D. Samera
Date Inventor:	Dmitry Samarsky
Address:	15 Wayside Road
	Westborough, MA 01581
Citizenship:	US
COMMONWEALTH OF MASSACHUSETTS COUNTY OF Worcester: On this day of January, 20 personally appeared Dmitry Samarsky identification, which were US Associated to be the person who signed the preceding or attached to me that the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed the preceding of the contents of the conte	accurate to the best of (his) (her) knowledge

TAMARA McGRILLEN

Notary Public

COMMONWEALTH OF MASSACHUSETTS

My Commission Expires

September 22, 2017

Date	Inventor:	Tod M. Woolf
	Address:	14 Babe Ruth Drive
		Sudbury, MA 01776-1942
	Citizenship:	
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF		
On this	day of ,	, before me, the undersigned notary public, , proved to me through satisfactory evidence of
personally appeared		, proved to me through satisfactory evidence of
identification, which we		document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
		ed it voluntarily for its stated purpose.
and bonov and admiral		•
SEAL		
	Notary Public	
My commission exp	pires:	

Date	Inv	ventor:	James Cardia
	Ad	ldress:	11 Bacon Street
			Franklin, MA 02038
	Citize	enship:	US
	_		
COMMONWEALTH OF	MASSACHUSETTS		
COUNTY OF	:		
On this	day of		, before me, the undersigned notary public,
personally appeared	James Cardia	- ´ -	, proved to me through satisfactory evidence of
identification, which wer	re		
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (he) (sh	ie) signe	ed it voluntarily for its stated purpose.
SEAL			
SLAL	Notary Pub	·lic	
	•	110	
My commission exp	oires:		<u> </u>

Page 8 of 8

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation having a place of business at 1500 West Park Drive; Suite 210; Westborough, Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Page 1 of 8

Date	Inventor:	Lyn Libertine
	Address:	61 Nixon Road
		Framingham, MA 01701
	Citizenship:	US
COMMONWEALTH OF MASS	SACHUSETTS	
COUNTY OF	•	
On this day of	s f	, before me, the undersigned notary public,
personally appeared	Lyn Libertine	, proved to me through satisfactory evidence of
identification, which were	Lyn Libertine	- Proved to the through satisfactory evidence of
•	he preceding or attached	document in my presence and swore or affirmed
-		accurate to the best of (his) (her) knowledge
		ed it voluntarily for its stated purpose.
		
SEAL		
	Notary Public	
My commission expires:		

Date		Inventor:	Anastasia Khvorova
		Address:	10 Rocklawn Road
			Westborough, MA 01581
		Citizenship:	US
COMMONWEALTH O	F MASSACHUSET	TS	
COUNTY OF		_:	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Anastasia K	hvorova	, proved to me through satisfactory evidence of
identification, which we	re		
•			document in my presence and swore or affirmed
			I accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that (h	ne) (she) sign	ed it voluntarily for its stated purpose.
SEAL			
	Notar	ry Public	
My commission ex	pires:		

Date Inver	ntor: William Salomon
Addr	ess: 210 Mountain Street East
	Apt. 278
	Worcester, Massachusetts 01606
Citizens	ship: US
	•
COMMONWEALTH OF MASSACHUSETTS	
COUNTY OF :	
On this day of ,	, before me, the undersigned notary public,
personally appeared William Salomon	, proved to me through satisfactory evidence of
identification, which were	,
	hed document in my presence and swore or affirmed
to me that the contents of the document are truthfu	· · · · -
and belief and acknowledged to me that (he) (she)	signed it voluntarily for its stated purpose.
OF AL	
SEAL	
Notary Public	

Date	Inventor:	Joanne Kamens
	Address:	21 Wessex Road
		Newton, MA 02459
	Citizenship:	US
COMMONWEALTH OF	F MASSACHUSETTS	
COUNTY OF	<u> </u>	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Joanne Kamens	, proved to me through satisfactory evidence of
identification, which we	re	,
	-	document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission exp	oires:	

Date	Inventor:	Dmitry Samarsky
	Address:	15 Wayside Road
		Westborough, MA 01581
	Citizenship:	US
COMMONWEALTH OF	F MASSACHUSETTS	
COUNTY OF	:	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	Dmitry Samarsky	, proved to me through satisfactory evidence of
identification, which we		
•		document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to me that (ne) (sne) signi	ed it voluntarily for its stated purpose.
SEAL		
02/12	Notary Public	
	•	
My commission exp	pires:	

Attorney Docket No. R0659.70019US02 2860003.1 Page 6 of 8

12/12/12

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive

Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Middle sex:
On this 12 day of December, 2012, before me, the undersigned notary public,
personally appeared Tod M. Woolf , proved to me through satisfactory evidence of
identification, which were driver license,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.
SEAL Jute E. Coredli
Notary Public
My commission expires:
JUSTINE E. GORODECKI
Notary Public Commonwealth of Massachusetts My Commission Expires March 30, 2018

Date	Inver	ntor:	James Cardia
	Addre	ess:	11 Bacon Street
			Franklin, MA 02038
	Citizens	ship:	US
COMMONWEALTH OF	MASSACHUSETTS		
COUNTY OF	•		
.			before we share understooned water we wild
On this	day of,		, before me, the undersigned notary public,
personally appeared	James Cardia		, proved to me through satisfactory evidence of
to be the person who signed the preceding or attached document in my presence and swore or affirmed			
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge			
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.			
SEAL			
	Notary Public		
My commission exp	pires:		

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to RXi Pharmaceuticals Corporation, a Delaware corporation having a place of business at 1500 West Park Drive; Suite 210; Westborough, Massachusetts 01581, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 24, 2012 under No. 13/636,748, bearing Attorney Docket No. R0659.70019US02, and entitled RNA INTERFERENCE IN OCULAR INDICATIONS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; Covenant with the 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; and
- 5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

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			W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/
Date		Inventor:	Lyn Libertine
		Address:	61 Nixon Road
			Framingham, MA 01701
		Citizenship:	US
COMMONWEALTH O	F MASSACHUS	ETTS	
COUNTY OF		:	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Lyn L	ibertine	, proved to me through satisfactory evidence of
identification, which we	ere	AMB	<u> </u>
to be the person who s	igned the preced	ding or attached	document in my presence and swore or affirmed
to me that the contents	of the documen	nt are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowl	ledged to me tha	at (he) (she) signo	ed it voluntarily for its stated purpose.
SEAL			
	No	otary Public	
My commission ex	nires:		

Date		Inventor:	Anastasia Khvorova
	,	Address:	10 Rocklawn Road
			Westborough, MA 01581
	Citi	zenship:	US
COMMONWEALTH OF	MACCACHICETTO		
	· WASSAURUSETTS		
COUNTY OF	•		
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Anastasia Khvor	ova	, proved to me through satisfactory evidence of
identification, which we	re		,
to be the person who si	igned the preceding or a	attached o	document in my presence and swore or affirmed
to me that the contents	of the document are tru	ithful and	accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to me that (he) (s	she) signe	ed it voluntarily for its stated purpose.
	•		
SEAL			
OL/ IL	Notary Pu	ıblic	auditum-unitera
	•	NIIO .	
My commission exp	oires:		

Attorney Docket No. R0659.70019US02 2860003.1

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	•	
Date	Inventor:	William Salomon
	Address:	210 Mountain Street East
		Apt. 278
		Worcester, Massachusetts 01606
	Citizenship:	US
COMMONWEALTH OF	MASSACHUSETTS	
COUNTY OF	: 	
On this	day of ,	, before me, the undersigned notary public,
personally appeared	William Salomon	, proved to me through satisfactory evidence of
identification, which were		
		document in my presence and swore or affirmed
		d accurate to the best of (his) (her) knowledge
and belief and acknowle	dged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	 <u> </u>
My commission expi	res:	

Date		Inventor:	Joanne Kamens
		Address:	21 Wessex Road
			Newton, MA 02459
		Citizenship:	US
COMMONWEALTH OF	MASSACHUSET	тѕ	
COUNTY OF		_: _	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Joanne Ka	amens —	, proved to me through satisfactory evidence of
identification, which wer	е		,
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowle	edged to me that (I	he) (she) sign	ed it voluntarily for its stated purpose.
SEAL			
	Nota	ry Public	
My commission exp	ires:		

Attorney Docket No. R0659.70019US02 2860003.1

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Date		Inventor:	Dmitry Samarsky
		Address:	15 Wayside Road
			Westborough, MA 01581
		Citizenship:	US
COMMONWEALTH OF	- MASSACHUSETT	rs	
COUNTY OF		_: _	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	Dmitry San	narsky	, proved to me through satisfactory evidence of
identification, which we	re		,
	-		document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to me that (h	ne) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
	Notar	y Public	
My commission exp	oires:		

Attorney Docket No. R0659.70019US02 2860003.1

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Date	Inventor:	Tod M. Woolf		
	Address:	14 Babe Ruth Drive		
		Sudbury, MA 01776-1942		
	Citizenship:	US		
	•	,		
COMMONWEALTH OF MASS	ACHUSETTS			
COUNTY OF	<u> </u>			
On this day of	,	, before me, the undersigned notary public,		
personally appeared	Tod M. Woolf	, proved to me through satisfactory evidence of		
identification, which were ,				
·	· -	document in my presence and swore or affirmed		
		accurate to the best of (his) (her) knowledge		
and belief and acknowledged to	The that (he) (she) sight	ed it voluntarily for its stated purpose.		
SEAL				
	Notary Public	- <u></u>		
My commission expires:				

Attorney Docket No. R0659.70019US02 2860003.1

11/5/2012	Sam landin
	mes Cardia
Address: 11	Bacon Street
Fra	anklin, MA 02038
Citizenship: US	3
	curate to the best of (his) (her) knowledge

TAMARA McGRILLEN

Notary Public

COMMONWEALTH OF MASSACHUSETTS

My Commission Expires

September 22, 2017

Attorney Docket No. R0659.70019US02 2860003.1

RECORDED: 12/03/2020

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