

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5013726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANASTASIA KHVOROVA	09/23/2013
WILLIAM SALOMON	01/07/2013
JOANNE KAMENS	07/25/2013
DMITRY SAMARSKY	02/14/2013
TOD M. WOOLF	07/29/2013
PAMELA A. PAVCO	02/08/2013
LYN LIBERTINE	06/26/2013
JAMES CARDIA	08/01/2013
KAREN G. BULOCK	06/26/2013
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:	15918605
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<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:	617-646-8000
Email:	patents_OonaJ@wolfgreenfield.com, Jasmine.Lo@WolfGreenfield.com
Correspondent Name:	OONA M. JOHNSTONE
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	R0659.70020US05
NAME OF SUBMITTER:	OONA M. JOHNSTONE
SIGNATURE:	/Oona M. Johnstone/
DATE SIGNED:	06/19/2018

Total Attachments: 90

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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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

9-23-2013
Date

Anastasia Khvorova
Inventor: Anastasia Khvorova
Address: 10 Rocklawn Road
Westborough, MA 01581
Citizenship: US

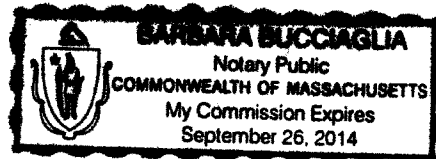
COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester :

On this 23rd day of Sept, 2013, before me, the undersigned notary public,
personally appeared Anastasia Khvorova, proved to me through satisfactory evidence of
identification, which were MA 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

Notary Public

My commission expires: _____



Date

Inventor: William Salomon

Address: 2 Farrar Avenue

Apt. 2

Worcester, Massachusetts 01604

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 _____, 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 expires: _____

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 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

Notary Public

My commission expires: _____

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 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 expires: _____

Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive

Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco
Address: 822 Plateau Road
Longmont, Colorado 80504
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____:

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street
Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ Karen G. Bulock _____, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

Date

Inventor: Anastasia Khvorova

Address: 10 Rocklawn Road

Westborough, MA 01581

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____:

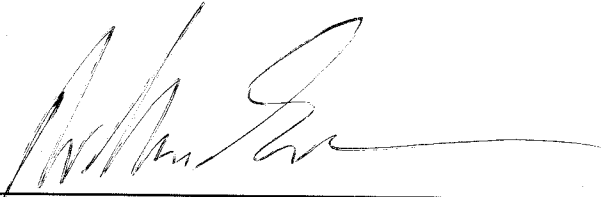
On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Anastasia Khvorova, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me 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

Notary Public

My commission expires: _____

1/7/2013
Date



Inventor: William Salomon
Address: 2 Farrar Avenue
Apt. 2
Worcester, Massachusetts 01604
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester :

On this 7th day of January, 2013, before me, the undersigned notary public, personally appeared William Salomon, proved to me through satisfactory evidence of identification, which were drivers 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

Karen P. Welch
Notary Public

My commission expires: 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 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

Notary Public

My commission expires: _____

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 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 expires: _____

Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive
Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco
Address: 822 Plateau Road
Longmont, Colorado 80504
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date _____

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street

Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Karen G. Bulock _____, 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.

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Notary Public

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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.

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 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

Notary Public

My commission expires: _____

Date

Inventor: William Salomon
Address: 2 Farrar Avenue
Apt. 2
Worcester, Massachusetts 01604
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 _____, 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 expires: _____

7/25/2013
Date

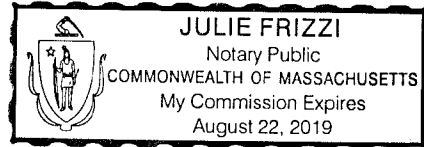
Joanne Kamens
Inventor: Joanne Kamens
Address: 21 Wessex Road
Newton, MA 02459
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Middlesex :

On this 25th day of July, 2013, before me, the undersigned notary public, personally appeared Joanne Kamens, proved to me through satisfactory evidence of identification, which were MA Drivers 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

Julie Frizzi
Notary Public



My commission expires: 8/22/19

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 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 expires: _____

Date _____

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive
Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco

Address: 822 Plateau Road

Longmont, Colorado 80504

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street
Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Karen G. Bulock _____, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

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 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

Notary Public

My commission expires: _____

Date

Inventor: William Salomon

Address: 2 Farrar Avenue

Apt. 2

Worcester, Massachusetts 01604

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 _____, 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 expires: _____

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 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

Notary Public

My commission expires: _____

Feb 14, 2013
Date

D. Samarsky
Inventor: Dmitry Samarsky
Address: 15 Wayside Road
Westborough, MA 01581
Citizenship: US

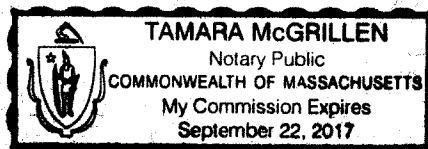
COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester :

On this 14th day of February, 2013, before me, the undersigned notary public, personally appeared Dmitry Samarsky, proved to me through satisfactory evidence of identification, which were MA Driver's 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

Tamara McGrillen
Notary Public

My commission expires: 9-22-17



Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive
Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco

Address: 822 Plateau Road

Longmont, Colorado 80504

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street

Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Karen G. Bulock _____, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

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 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

Notary Public

My commission expires: _____

Date

Inventor: William Salomon
Address: 2 Farrar Avenue
Apt. 2
Worcester, Massachusetts 01604
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 _____, 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 expires: _____

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 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

Notary Public

My commission expires: _____

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 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 expires: _____

7/29/2013
Date

Tod Woolf
Inventor: Tod M. Woolf
Address: 14 Babe Ruth Drive
Sudbury, MA 01776-1942
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Middlesex :

On this 29th day of July, 2013, before me, the undersigned notary public, personally appeared Tod M. Woolf, proved to me through satisfactory evidence of identification, which were MA DL, 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

Heather A. Enos
Notary Public

My commission expires:

1/9/19



Date

Inventor: Pamela A. Pavco

Address: 822 Plateau Road

Longmont, Colorado 80504

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road
Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street
Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Karen G. Bulock, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

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 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

Notary Public

My commission expires: _____

Date

Inventor: William Salomon

Address: 2 Farrar Avenue

Apt. 2

Worcester, Massachusetts 01604

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 _____,

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 expires: _____

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 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

Notary Public

My commission expires: _____

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 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 expires: _____

Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive

Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date 2/8/13

Inventor: 
Pamela A. Pavco

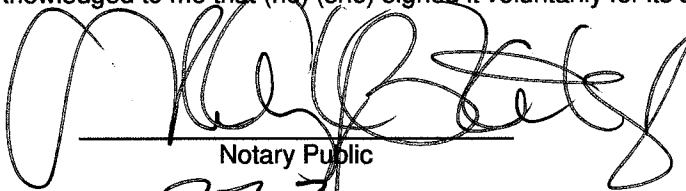
Address: 822 Plateau Road
Longmont, Colorado 80504

Citizenship: US

State of Colorado
~~COMMONWEALTH OF MASSACHUSETTS~~
COUNTY OF Boulder :

On this 8th day of Feb, 13, before me, the undersigned notary public, personally appeared Pamela A. Pavco, proved to me through satisfactory evidence of identification, which were Colorado Drivers 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


Notary Public

My commission expires: 8-7-13

MARY L BLATZER
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 19984010748
MY COMMISSION EXPIRES AUGUST 7, 2013

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street

Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Karen G. Bulock _____, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

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 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

Notary Public

My commission expires: _____

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 _____, 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 expires: _____

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 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

Notary Public

My commission expires: _____

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 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 expires: _____

Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive
Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco

Address: 822 Plateau Road

Longmont, Colorado 80504

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

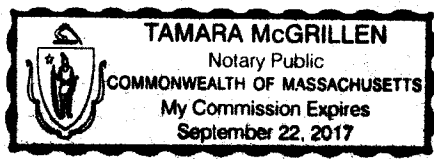
26 June 2013
Date

Inventor: [Signature]
Lyn Libertine
Address: 61 Nixon Road
Framingham, MA 01701
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester :

On this 26th day of June, 2013, before me, the undersigned notary public, personally appeared Lyn Libertine, proved to me through satisfactory evidence of identification, which were MA Driver's 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 [Signature]
Notary Public
My commission expires: 9-22-17



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.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Karen G. Bulock

Address: 44 Park Street

Mendon, MA 01756

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Karen G. Bulock _____, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

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 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

Notary Public

My commission expires: _____

Date

Inventor: William Salomon

Address: 2 Farrar Avenue

Apt. 2

Worcester, Massachusetts 01604

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 _____, 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 expires: _____

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 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

Notary Public

My commission expires: _____

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 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 expires: _____

Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive
Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco

Address: 822 Plateau Road

Longmont, Colorado 80504

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

8/1/2013
Date

Inventor: James Cardia
Address: 11 Bacon Street
Franklin, MA 02038
Citizenship: US

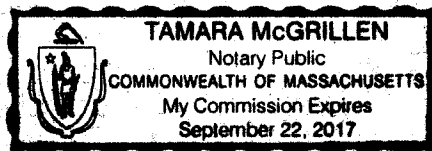
COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester :

On this 1st day of August, 2013, before me, the undersigned notary public, personally appeared James Cardia, proved to me through satisfactory evidence of identification, which were MA Drivers 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

Tamara McGrillen
Notary Public

My commission expires: Sept. 22, 2017



Date

Inventor: Karen G. Bullock
Address: 44 Park Street
Mendon, MA 01756
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Karen G. Bullock _____, 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

Notary Public

My commission expires: _____

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. **13/636,755**, bearing Attorney Docket No. **R0659.70020US03**, and entitled **RNA INTERFERENCE IN DERMAL AND FIBROTIC 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.

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 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

Notary Public

My commission expires: _____

Date

Inventor: William Salomon

Address: 2 Farrar Avenue

Apt. 2

Worcester, Massachusetts 01604

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 _____, 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 expires: _____

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 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

Notary Public

My commission expires: _____

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 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 expires: _____

Date

Inventor: Tod M. Woolf

Address: 14 Babe Ruth Drive

Sudbury, MA 01776-1942

Citizenship: US

COMMONWEALTH OF 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 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

Notary Public

My commission expires: _____

Date

Inventor: Pamela A. Pavco

Address: 822 Plateau Road
Longmont, Colorado 80504

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Pamela A. Pavco _____, 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

Notary Public

My commission expires: _____

Date

Inventor: Lyn Libertine

Address: 61 Nixon Road

Framingham, MA 01701

Citizenship: US

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 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

Notary Public

My commission expires: _____

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.

SEAL

Notary Public

My commission expires: _____

6/26/2013
Date

Karen G. Bulock
Inventor: Karen G. Bulock
Address: 44 Park Street
Mendon, MA 01756
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester :

On this 26th day of June, 2013, before me, the undersigned notary public, personally appeared Karen G. Bulock, proved to me through satisfactory evidence of identification, which were MA Drivers 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

Tamara McGrillen
Notary Public

My commission expires: 9-22-17

