

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Execution Date
Tang Capital Partners, LP	05/01/2012

RECEIVING PARTY DATA

Name:	RXi Pharmaceuticals Corporation
Street Address:	60 Prescott Street
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01605

PROPERTY NUMBERS Total: 22

Property Type	Number
PCT Number:	US0905247
Application Number:	13120342
PCT Number:	US0905246
Application Number:	13120315
PCT Number:	US1129867
PCT Number:	US1000348
Application Number:	13147882
PCT Number:	US1129824
PCT Number:	US1129849
Application Number:	13069780
Application Number:	12867181
PCT Number:	US0904326
Application Number:	13055617
Application Number:	13130194
PCT Number:	US1000019

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Application Number:	13143275
PCT Number:	US0905251
Application Number:	13120341
PCT Number:	US1127165
PCT Number:	US0904144
Application Number:	13054696
PCT Number:	US0906211

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Mary Jane DiPalma

Total Attachments: 5
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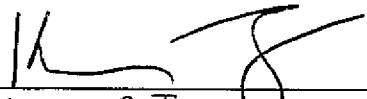
RELEASE OF SECURITY INTEREST IN PATENTS

Reference is hereby made to the Patent Security Agreement, dated as of September 24, 2011 (the "Patent Security Agreement"), among RXi Pharmaceuticals Corporation f/k/a RNCS, Inc. (the "Grantor") and Tang Capital Partners, LP, as agent (the "Agent"). All capitalized terms used herein without definition shall have the meanings ascribed thereto in the Patent Security Agreement.

FOR GOOD AND VALUABLE CONSIDERATION the receipt and sufficiency of which are hereby acknowledged, the Agent, hereby releases the security interest granted to it by the Grantor in all of its Patent Collateral, including those patents and patent applications referred to on Schedule I hereto. The Agent hereby re-assigns to the Grantor any right, title and interest it may have in, to and under the Patent Collateral and authorizes and requests the United States Patent and Trademark Office, and any other location where the security interest was filed, to note and record the existence of such release hereby given.

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TANG CAPITAL PARTNERS, LP,
as Agent

By: 
Name: Kevin C. Tang
Title: Managing Director
Date: May 1, 2012

Schedule I

<u>Patent</u>	<u>Patent or Application Number</u>
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (PCT)	Ser. No. PCT/US2009/005247
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (USA)	Ser. No. 13/120,342
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (Europe)	Ser. No. 9789351.5
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (Australia)	Ser. No. 2009293658
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (Israel)	Ser. No. 211863
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (New Zealand)	Ser. No. 592372
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (China)	Ser. No. 200980146492.2
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (Japan)	Ser. No. 2011-527828
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (South Africa)	Ser. No. 2011/03001
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (India)	Ser. No. 2984/DELNP/2011
RNA INTERFERENCE IN SKIN INDICATIONS (PCT)	Ser. No. PCT/US2009/005246
RNA INTERFERENCE IN SKIN INDICATIONS (USA)	Ser. No. 13/120,315
RNA INTERFERENCE IN SKIN INDICATIONS (Europe)	Ser. No. 9789350.7
RNA INTERFERENCE IN SKIN INDICATIONS (Canada)	Ser. No. 2,746,527
RNA INTERFERENCE IN SKIN INDICATIONS (Japan)	Ser. No. 2011-527827
RNA INTERFERENCE IN SKIN INDICATIONS (PCT)	Ser. No. PCT/US2011/029867
RNA DUPLEXES WITH SINGLE STRANDED PHOSPHOROTHIOATE NUCLEOTIDE REGIONS FOR ADDITIONAL FUNCTIONALITY (PCT)	Ser. No. PCT/US2010/000348
RNA DUPLEXES WITH SINGLE STRANDED PHOSPHOROTHIOATE NUCLEOTIDE REGIONS FOR ADDITIONAL FUNCTIONALITY (USA)	Ser. No. 13/147,882

REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (PCT)	Ser. No. PCT/US2011/029824
RNA INTERFERENCE IN OCULAR INDICATIONS (PCT)	Ser. No. PCT/US2011/029849
REDUCED SIZE SELF-DELIVERING RNAI COMPOUNDS (USA)	Ser. No. 13/069,780
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (Australia)	Ser. No. 2009213147
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (Canada)	Ser. No. 2715289
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (China)	Ser. No. 200980112313.3
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (Europe)	Ser. No. 09709626.7
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (Israel)	Ser. No. 207548
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (India)	Ser. No. 3172/KOLNP/2010
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (Japan)	Ser. No. 2010-545897
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (New Zealand)	Ser. No. 587768
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (USA)	Ser. No. 12/867181
MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF (South Africa)	Ser. No. 2010/06145
PHAGOCYtic CELL DELIVERY OF RNAI (PCT)	Ser. No. PCT/US2009/004144
PHAGOCYtic CELL DELIVERY OF RNAI (USA)	Ser. No. 13/054696
RNAI CONSTRUCTS AND USES THEREOF (PCT)	Ser. No. PCT/US2009/004326
RNAI CONSTRUCTS AND USES THEREOF (Canada)	Ser. No. 2,731,779

RNAI CONSTRUCTS AND USES THEREOF (Europe)	Ser. No. 09789007.3
RNAI CONSTRUCTS AND USES THEREOF (USA)	Ser. No. 13/055617
INHIBITION OF MAP4K4 THROUGH RNAI (PCT)	Ser. No. PCT/US2009/006211
INHIBITION OF MAP4K4 THROUGH RNAI (USA)	Ser. No. 13/130,194
INHIBITION OF PCSK9 THROUGH RNAI (PCT)	Ser. No. PCT/US2010/000019
INHIBITION OF PCSK9 THROUGH RNAI (USA)	Ser. No. 13/143,275
NEUTRAL NANOTRANSPORTERS (PCT)	Ser. No. PCT/US2009/005251
NEUTRAL NANOTRANSPORTERS (USA)	Ser. No. 13/120,341
NEUTRAL NANOTRANSPORTERS (Europe)	Ser. No. 9789352.3
METHODS AND COMPOSITIONS FOR DELIVERY OF NUCLEIC ACIDS FORMULATIONS AND METHODS FOR TARGETED DELIVERY TO PHAGOCYTE CELLS (PCT)	Ser. No. PCT/US2011/027165