PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANASTASIA KHVOROVA	01/07/2008
ANGELA REYNOLDS	01/14/2008
DEVIN LEAKE	01/02/2008
WILLIAM MARSHALL	01/09/2008
STEVEN READ	01/10/2008
STEPHEN SCARINGE	01/11/2008

RECEIVING PARTY DATA

Name:	DHARMACON, INC.
Street Address:	2650 CRESCENT DRIVE
Internal Address:	SUITE 100
City:	LAFAYETTE
State/Country:	COLORADO
Postal Code:	80026

PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	12592872
Application Number:	12653120
Application Number:	12653402
Application Number:	12798906
Application Number:	12799758
Application Number:	12804014
Application Number:	12806570
Application Number:	12807526

CORRESPONDENCE DATA

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<u>PATENT</u>

502796384 REEL: 032827 FRAME: 0106

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NAME OF SUBMITTER: SCOTT D. LOCKE

SIGNATURE: /Scott D. Locke/

DATE SIGNED: 05/06/2014

Total Attachments: 8

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, I (we), the undersigned, Anastasia KHVOROVA, residing at 4550 Squires Circle, Boulder, CO, 80305, United States; Angela REYNOLDS, residing at 11445 Conifer Ridge Drive, Conifer, CO, 80433, United States; Devin LEAKE, residing at 3050 S. Krameria St., Denver, CO, 80222, United States; William MARSHALL, residing at 495 Mohawk Drive, Boulder, CO, 80303, United States; Steven READ, residing at 1090 Cherokee Street #304, Denver, CO, 80204, USA; Stephen SCARINGE, residing at 2746 Prairie Ridge, Lafayette, CO, 80026, United States;

Hereby sell, assign and transfer to DHARMACON, INC., having a place of business at, 2650 Crescent Drive, Suite 100, Lafayette, CO 80026, United States, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in the applications for United States Patent that are identified on the attached Schedule A and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions;

Authorize and request the Director of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and

PATENT REEL: 032827 FRAME: 0108 all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ASSIGNOR

	Anastasia KHVOROVA
Date: 1.7.08.	By: Signature
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Print Name: Elena Leventova	Print Name: Vadim Leverton
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Angela REYNOLDS

Date:	By: Signature
Witness	Witness
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Print Name:	Print Name:
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Date: 01/02/08	By: Signature
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William MARSHALL

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PATENT REEL: 032827 FRAME: 0112

William MARSHALL

Date:	By: Signature
Witness	Witness
Signature:	Signature:
Print Name:	Print Name:
Date:	Date:
Address:	Address:
processor and appropriate and	
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Witness Signature:	Witness Signature: Elen Book
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Stephen SCARINGE

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BOSY3	

ASSIGNMENT PAGE 6 OF 6

Schedule A

Attorney Docket No./ Application Serial No.	<u>Title</u>
Dharma 2100-US86 11/978,457	siRNA Targeting Beta Secretase (BACE)
Dharma 2100-US87 11/978,518	siRNA Targeting Superoxide Dismutase I (SODI)
Dharma 2100-US88 11/978,476	siRNA Targeting Amyloid Beta (A4) Precursor Protein (APP)
Dharma 2100-US89 11/978,455	siRNA Targeting Apolipoprotein B (APOB)
Dharma 2100-US90 11/978,475	siRNA Targeting Glucagon Receptor (GCGR)
Dharma 2100-US91 11/978,398	siRNA Targeting Diacylglycerol O-acyltransferase Homolog 2 (DGAT2)
Dharma 2100-US92 11/978,487	siRNA Targeting Fructose-1,6-bisphosphatase 1 (FBP1)
Dharma 2100-US93 11/980,300	siRNA Targeting Interleukin-1 Receptor-associated Kinase 4 (IRAK4)
Dharma 2100-US94 11/980,102	siRNA Targeting Myeloid Differentiation Primary Response Gene (88) (MYD88)
Dharma 2100-US95 11/978,900	siRNA Targeting Cyclin-dependent Kinase Inhibitor 1B (p27,Kip1) (CDKN1B)
Dharma 2100-US96 11/980,210	siRNA Targeting Catenin, Beta-1 (CTNNB1)
Dharma 2100-US97 11/980,263	siRNA Targeting Proto-oncogene MET

PATENT REEL: 032827 FRAME: 0115

RECORDED: 05/06/2014