

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|---|-------------------------------|---------------|----------------|----------------------------|------------|-----------------|------------|-------------|------------|------------------|------------|-------------|------------|------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anastasia KHVOROVA</td> <td>01/07/2008</td> </tr> <tr> <td>Angela REYNOLDS</td> <td>01/14/2008</td> </tr> <tr> <td>Devin LEAKE</td> <td>01/02/2008</td> </tr> <tr> <td>William MARSHALL</td> <td>01/09/2008</td> </tr> <tr> <td>Steven READ</td> <td>01/10/2008</td> </tr> <tr> <td>Stephen SCARINGE</td> <td>01/11/2008</td> </tr> </tbody> </table> | | 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 |
| Name | Execution Date | | | | | | | | | | | | | | |
| Anastasia KHVOROVA | 01/07/2008 | | | | | | | | | | | | | | |
| Angela REYNOLDS | 01/14/2008 | | | | | | | | | | | | | | |
| Devin LEAKE | 01/02/2008 | | | | | | | | | | | | | | |
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| Steven READ | 01/10/2008 | | | | | | | | | | | | | | |
| Stephen SCARINGE | 01/11/2008 | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
| Name: | DHARMACON, INC. | | | | | | | | | | | | | | |
| Street Address: | 2650 Crescent Drive, Ste. 100 | | | | | | | | | | | | | | |
| City: | Lafayette | | | | | | | | | | | | | | |
| State/Country: | COLORADO | | | | | | | | | | | | | | |
| Postal Code: | 80026 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11978398</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11978398 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 11978398 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
| Fax Number: | (212)813-9600 | | | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | | | |
| Phone: | 212-813-1600 | | | | | | | | | | | | | | |
| Email: | kpadilla@creativity-law.com | | | | | | | | | | | | | | |
| Correspondent Name: | KALOW & SPRINGUT LLP | | | | | | | | | | | | | | |
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| Address Line 4: | NEW YORK, NEW YORK 10022 | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | DHARMA 2100-US91 | | | | | | | | | | | | | | |

CH \$40.00 11978398

NAME OF SUBMITTER:

Scott D. Locke

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

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

Witness
Signature: 

Witness
Signature: 

Print Name: Elena Levertova

Print Name: Vadim Levertov

Date: 01-07-2008

Date: 1-7-8

Address: 1211 Amherst Way
Superior, CO 80027

Address: 1211 Amherst Way
Superior CO 80027

Angela REYNOLDS

Date: 1-14-08

By: Angela R Reynolds
Signature

Witness
Signature: Mary Lowe

Witness
Signature: Andrea A. Blanch

Print Name: MARY LOWE

Print Name: Andrea A. Blanch

Date: 1-14-08

Date: 1-14-08

Address: 9741 So. Poppy
Sandy Ut
84094

Address: 6768 W. Haven Maple Dr.
West Jordan, UT 84084

Devin LEAKE

Date: _____

By: _____
Signature

Witness
Signature: _____

Witness
Signature: _____

Print Name: _____

Print Name: _____

Date: _____

Date: _____

Address: _____

Address: _____

Angela REYNOLDS

Date: _____

By: _____
Signature

Witness

Witness

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Date: _____


Date: _____

Address: _____

Address: _____

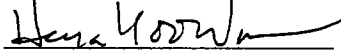
Devin LEAKE

Date: 01/02/08

By: 
Signature

Witness

Witness

Signature: 

Signature: 

Print Name: Heeja Yoo-Warren

Print Name: Alex Amiet

Date: 01/02/2008

Date: 01/02/08

Address: 1095 Utica Ave
Boulder, CO 80304

Address: 2758 Canossator
Broomfield co
80020

William MARSHALL

Date: 1/9/08

By: [Signature]
Signature

Witness

Witness

Signature: [Signature]

Signature: [Signature]

Print Name: DAELIE NICHOLSON

Print Name: Peggy Franks

Date: 1-9-08

Date: 1-9-2008

Address: 13910 W. 73rd Ave
ARVADA CO 80005

Address: 1368 S. Dusk Dr.
Milliken, CO
80543

Steven READ

Date: _____

By: _____
Signature

Witness

Witness

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Date: _____

Date: _____

Address: _____

Address: _____

William MARSHALL

Date: _____

By: _____
Signature

Witness

Witness

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Date: _____

Date: _____

Address: _____

Address: _____

Steven READ

Date: 1/10/08

By: Steven Read
Signature

Witness

Witness

Signature: [Signature]

Signature: Ellen Book

Print Name: Anna Friday

Print Name: ELLEN BOOK

Date: 1/10/2008

Date: 1/10/08

Address: 2530 Dartmouth Ave
Boulder, CO 80305

Address: 9630 W. 105th AVE
WESTMINSTER, CO
80021

Stephen SCARINGE

Date: 1/11/2008

By: Stephen Scaringe
Signature

Witness

Witness

Signature: [Signature]

Signature: [Signature]

Print Name: Hege Franks

Print Name: Heeja Yoo-Warren

Date: 1-11-08

Date: 1-11-2008

Address: 1368 S. Dusk Dr.

Address: 1095 Utica Ave

Meridian, CO

Boulder, CO 80504

80543

Schedule A

| <u>Attorney Docket No./ Application Serial No.</u> | <u>Title</u> |
|--|---|
| Dharma 2100-US86 11/978,457 | siRNA Targeting Beta Secretase (BACE) |
| Dharma 2100-US87 11/978,518 | siRNA Targeting Superoxide Dismutase 1 (SOD1) |
| 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 |