

08-01-2007

Docket No.: DHARMA 2100-US63

EET

U.S. DEPARTMENT OF COMMERCE

U.S. PTO Patent and Trademark Office

11/880775

07/24/2007

Tab settings → → → ▼

103432561

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

KHVOROVA, Anastasia; REYNOLDS, Angela  
LEAKE, Devin; MARSHALL, William  
READ, Steven; SCARINGE, Stephen

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 06/27/07; 06/29/07; 07/02/07;

07/03/07; 07/15/07

2. Name and address of receiving party(ies):

Name: DHARMACON, INC.

Address: 2650 Crescent Drive, Ste. 100

City: Lafayette State/Prov.: CO

Country: USA ZIP: 80026

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: July 23, 2007

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Scott D. Locke

Registration No. 44,877

Address: Kalow & Springut LLP

488 Madison Avenue, 19th Fl.

City: New York State/Prov.: NY

Country: USA ZIP: 10022

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0171

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Scott D. Locke

Name of Person Signing

Signature

July 23, 2007

Date

Total number of pages including cover sheet, attachments, and document:

9

PATENT

REEL: 019664 FRAME: 0736

## **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: 7.3/07

Witness

Signature: Kathrine F Boese

Print Name: Kathrine F Boese

Date: July 3, 2007

Address: 9914 Downing Cr.  
Thornton, CO  
80229

By:   
Signature

Witness

Signature: 

Print Name: Jon Karpilow

Date: July 3, 2007

Address: 3851 Orion Ct.  
Boulder, CO  
80304

Angela REYNOLDS

Date: 6-29-07

By: Angela R Reynolds  
Signature

Witness  
Signature: John Clark

Print Name: John Clark

Date: 6-29-07

Address: 2650 Crescent Dr.  
Lafayette, CO 80026

Witness  
Signature: Emily M. Anderson

Print Name: Emily M. Anderson

Date: 6/29/07

Address: 1035 B Milo Circle  
Lafayette, CO 80026

Devin LEAKE

Date: 06/27/07

By: Devin Leake  
Signature

Witness  
Signature: Cynthia Leedom

Print Name: Cynthia Leedom

Date: 6/27/07

Address: 550 Ellington CT  
Ambler, PA  
19002

Witness  
Signature: Don Karpul

Print Name: Don Karpul

Date: 06/27/07

Address: 3851 Orion Ct  
Boulder, CO  
80304

William MARSHALL

Date: 6/29/07

By: W. Marshall  
Signature

Witness  
Signature: Christy

Print Name: Anita Seto

Date: 6-29-07

Address: 1977 Norwood Ave  
Boulder Co 80304

Witness  
Signature: David Evans

Print Name: DAVID EVANS

Date: 6/29/07

Address: 6689 Walker Ct.,  
Niwot, CO 80503

Steven READ

Date: 6

By: \_\_\_\_\_  
Signature

Witness  
Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness  
Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

William MARSHALL

Date: \_\_\_\_\_

Witness

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

By: \_\_\_\_\_  
Signature

Witness

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: 7/2/07

Witness

Signature: \_\_\_\_\_

Print Name: Timothy E Clem

Date: 7-2-07

Address: 154 W Elm St.

St Louis MO 63027

USA

Steven READ

By: Steven Read  
Signature

Witness

Signature: William R. Lange

Print Name: William R. Lange

Date: 7-2-07

Address: 8708 E 25th Dr

Denver CO 80238

USA

Stephen SCARINGE

Date: 7/15/07

By: Stephen Scaringe  
Signature

Witness

Signature: [Signature]

Print Name: Reggie Franks

Date: July 15, 2007

Address: 2650 Crescent M.

#100

Lafayette CO 80026

Witness

Signature: [Signature]

Print Name: Heeja Yoo-Warren

Date: 7-15-2007

Address: 1095 Ulrica Ave

Boulder, CO 80304

**Schedule A**

<u>Attorney Docket No.</u>	<u>Title</u>
Dharma 2100-US53	siRNA Targeting Casitas B Cell Lymphoma-B (CBL-B)
Dharma 2100-US54	siRNA Targeting Kinesin Spindle Protein (KSP)
Dharma 2100-US55	siRNA Targeting Vascular Endothelial Growth Factor (VEGF)
Dharma 2100-US56	siRNA Targeting Serine/Threonine Protein Kinase, AKT
Dharma 2100-US57	siRNA Targeting Protein Tyrosine Phosphatase-1B (PTP1B)
Dharma 2100-US58	siRNA Targeting Protein Kinase N-3 (PKN-3)
Dharma 2100-US60	siRNA Targeting 5-Aminoimidazole-4-carboxamide Ribonucleotide Formyltransferase/IMP Cyclohydrolase (ATIC)
Dharma 2100-US61	siRNA Targeting Human Hairless Protein (HR)
Dharma 2100-US62	siRNA Targeting Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)
Dharma 2100-US63	siRNA Targeting DNA-Damage-Inducible Transcript 4 (DDIT4)
Dharma 2100-US64	siRNA Targeting Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9)
Dharma 2100-US65	siRNA Targeting Synuclein, Alpha (SNCA-1)
Dharma 2100-US66	siRNA Targeting Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)
Dharma 2100-US67	siRNA Targeting Sodium Channel, Voltage-gated, Type X, Alpha (SCN10A)
Dharma 2100-US68	siRNA Targeting Neuropeptide Y (NPY)
Dharma 2100-US69	siRNA Targeting Neuropilin 1 (NRP1)
Dharma 2100-US70	siRNA Targeting 1-acylglycerol-3-phosphate O-acyltransferase 2 (AGPAT2)
Dharma 2100-US71	siRNA Targeting Ribosomal Protein S2 (RPS2)



**Dharma 2100-US72**

**siRNA Targeting Nuclear Receptor Interacting Protein 1  
(NRIP1)**