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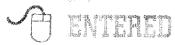


PATENT				
To the Director of the U.S. Patent and Trademark Office: Please record the attach. 103377607				
1. Name of conveying party(ies)/Execution Date(s): Stephanie A. HARSTEL Robert J. KAISER Michael O. DELANEY	2. Name and address of receiving party(ies) Name: DHARMACON, INC. Internal Address:			
Execution Date(s) Jan. 25, 2007 and Feb. 12, 2007 Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 2000 0100001110			
3. Nature of conveyance:				
X Assignment Merger	City: Lafayette			
Security Agreement Change of Name	State: Colorado			
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 80026			
Other	Additional name(s) & address(es) attached? Yes X No			
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)			
Additional numbers att	l ached? ☐Yes ☒No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Scott D. Locke	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Kalow & Springut LLP	Authorized to be charged by credit card			
	Authorized to be charged to deposit account			
Street Address: 488 Madison Ave 19th Floor	Enclosed None required (government interest not affecting title)			
City: New York	8. Payment Information			
State: NY Zip: 10022	a. Credit Card Last 4 Numbers			
Phone Number: 212-813-1600 ext 251	Expiration Date			
Fax Number: 212-813-9600	b. Deposit Account Number 11 000 07 11660589			
Email Address: slocke@creativity-law.com	Authorized User Name Kalow & Springut L			
9. Signature:	February 15, 2007			
Signature	Date			
Scott D. Locke, Reg. No. 44,877	Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing	sheet, attachments, and documents.			

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

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139052.1 PATENT

DHARMA 2200

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, **Stephanie** A. HARTSEL, residing at 225 South County Road 21, Berthoud, CO, 80513, USA; Robert J. KAISER, residing at 13895 Teal Creek Drive, Broomfield, CO, 80020, USA; Michael O. DELANEY, residing at 4659 Chia Court, Dacono. CO, 80514, USA.

Hereby sell, assign and transfer to DHARMACON, INC. having a place of business at 2650 Crescent Drive Suite 100. Lafayette, CO 80026, 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 International Patent Application that has been executed by the undersigned and is entitled:

Novel Polynucleotide Synthesis Labeling Chemistry

PCT Application Serial No. PCT/US2005/029374, filed 18 August 2005

[the undersigned hereby authorizes its attorneys to amend this document to insert the filing date and application serial number when they become known]

and in and to said application and all divisional, continuing, national stage, 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; and

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

ASSIGNMENT DOCKET DHARMA 2200 Page 2 of 4

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.

ASSIGNMENT DOCKET DHARMA 2200 Page 3 of 4

ASSIGNOR

	Stephanie A. HARTSEL/		
Date: <u>2/12/67</u>	By: Stephanic Hents Control		
Witness Signature: [MB] [Witness Signature:		
Print Name: Testa Leeson	Print Name: SEAN ROWEY		
Date: 2/12/07	Date: 2/12/07		
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Castle Roce (C 800)	Good Co		
	Robert J. KAISER		
Date:	By: Signature		
Witness	Witness		
Signature:	Signature:		
Print Name:	Print Name:		
Date:	Date:		
Address:	Address:		
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ASSIGNMENT DOCKET DHARMA 2200 Page 3 of 4

ASSIGNOR

Stephanie A. HARTSEL

Date:	By:	Signature	
Witness	Witness		
Signature:	Signature:		
Print Name:	Print Name:		
Date:	Date:		
Address:	Address:		
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	Robert J. KAISER		
Date: 25 January 2007	By: Robert	1 Lawin Ognature	
Witness	Witness \		
Signature: 122 Rechebon	Signature: <u>Y</u>	6 Stacks	
Print Name: <u>Aspecte Nicholson</u>	Print Name: Pr	3. // ,	
Date: /-25-67	Date:	25.2007	
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Michael O. DELANEY

Date: $\frac{1/25/57}{}$

Witness

Signature: Allsa (1)

Print Name: Welissa Kelley

Date: 25 Jan 07

RECORDED: 02/16/2007

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By:

Middy Man

 $\underline{Witness}$

Signature:

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END