PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3917582

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
DELCATH SYSTEMS, INC.	06/13/2016

RECEIVING PARTY DATA

Name:	HUDSON BAY MASTER FUND LTD.
Street Address:	777 THIRD AVE
Internal Address:	30TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017

PROPERTY NUMBERS Total: 15

Property Type	Number
Patent Number:	5817046
Patent Number:	5893841
Patent Number:	5897533
Patent Number:	5919163
Patent Number:	6186146
Patent Number:	7022097
Application Number:	13671549
Patent Number:	9314561
Application Number:	15071896
Application Number:	14013005
Patent Number:	8679057
Patent Number:	9265914
Application Number:	14995677
Patent Number:	9108029
Application Number:	14797108

CORRESPONDENCE DATA

Fax Number: (202)342-8451

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

503870933 REEL: 038911 FRAME: 0814

Phone: 202-342-8400

Email: DCPatentDocket@KelleyDrye.com
Correspondent Name: KELLEY DRYE & WARREN LLP

Address Line 1: 3050 K STREET, NW

Address Line 2: SUITE 400

Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	023995-0009
NAME OF SUBMITTER:	DAVID R. YOHANNAN
SIGNATURE:	/s/David R. Yohannan
DATE SIGNED:	06/14/2016

Total Attachments: 18

source=Delcath - IP Security Agreement (Fully Executed)#page1.tif source=Delcath - IP Security Agreement (Fully Executed)#page2.tif source=Delcath - IP Security Agreement (Fully Executed)#page3.tif source=Delcath - IP Security Agreement (Fully Executed)#page4.tif source=Delcath - IP Security Agreement (Fully Executed)#page5.tif source=Delcath - IP Security Agreement (Fully Executed)#page6.tif source=Delcath - IP Security Agreement (Fully Executed)#page7.tif source=Delcath - IP Security Agreement (Fully Executed)#page8.tif source=Delcath - IP Security Agreement (Fully Executed)#page9.tif source=Delcath - IP Security Agreement (Fully Executed)#page10.tif source=Delcath - IP Security Agreement (Fully Executed)#page11.tif source=Delcath - IP Security Agreement (Fully Executed)#page12.tif source=Delcath - IP Security Agreement (Fully Executed)#page13.tif source=Delcath - IP Security Agreement (Fully Executed)#page14.tif source=Delcath - IP Security Agreement (Fully Executed)#page15.tif source=Delcath - IP Security Agreement (Fully Executed)#page16.tif source=Delcath - IP Security Agreement (Fully Executed)#page17.tif source=Delcath - IP Security Agreement (Fully Executed)#page18.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, modified, supplemented, renewed, restated or replaced from time to time, this "IP Security Agreement"), dated June 13, 2016, is made by the Persons listed on the signature pages hereof (collectively, the "Grantors") in favor of Hudson Bay Master Fund Ltd., in its capacity as collateral agent (the "Collateral Agent") for the Noteholders. All capitalized terms not otherwise defined herein shall have the meanings respectively ascribed thereto in the Security Agreement (as defined below).

WHEREAS, Delcath Systems, Inc., a Delaware corporation (the "Company"), and each party listed as a "Buyer" therein (collectively, the "Buyers") are parties to that certain Securities Purchase Agreement, dated June 6, 2016, pursuant to which the Company shall be required to sell, and the Buyers shall purchase or have the right to purchase, the "Notes" (as defined therein) issued pursuant thereto (as such Notes may be amended, modified, supplemented, renewed, restated or replaced from time to time in accordance with the terms thereof, collectively, the "Notes");

WHEREAS, it is a condition precedent to the purchase of the Notes under the Securities Purchase Agreement that each Grantor has executed and delivered that certain Security and Pledge Agreement, dated the date hereof, made by the Grantors to the Collateral Agent (as amended, modified, supplemented, renewed, restated or replaced from time to time, the "Security Agreement"); and

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the ratable benefit of the Collateral Agent and the Noteholders, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

WHEREAS, the Grantors have determined that the execution, delivery and performance of this IP Security Agreement directly benefits, and is in the best interest of, the Grantors.

NOW, THEREFORE, in consideration of the premises and the agreements herein and in order to induce the Buyers to perform under the Securities Purchase Agreement, each Grantor agrees with the Collateral Agent, for the benefit of the Noteholders, as follows

- SECTION 1. <u>Grant of Security</u>. Each Grantor hereby grants to the Collateral Agent for the ratable benefit of the Collateral Agent and the Noteholders a security interest in all of such Grantor's right, title and interest in and to the following (the "**Collateral**"):
 - (i) the Patents and Patent applications set forth in <u>Schedule A</u> hereto;
- (ii) the Trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and solely during the period in which, the

grant of a security interest therein would impair the validity or enforceability of such intent-touse trademark applications under applicable federal law), together with the goodwill symbolized thereby;

- (iii) all Copyrights, whether registered or unregistered, now owned or hereafter acquired by such Grantor, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto;
- (iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;
- (v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and
- (vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.
- SECTION 2. <u>Security for Secured Obligations</u>. The grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing under or in respect of the Notes and the Transaction Documents, whether direct or indirect, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.
- SECTION 3. <u>Recordation</u>. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.
- SECTION 4. <u>Execution in Counterparts</u>. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.
- SECTION 5. <u>Grants, Rights and Remedies</u>. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 6. Governing Law; Jurisdiction; Jury Trial.

(i) All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New

York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York.

- Each Grantor hereby irrevocably submits to the exclusive (ii) jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or under any of the other Transaction Documents or with any transaction contemplated hereby or thereby, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim, defense or objection that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address for such notices to it under Section 9(f) of the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed or operate to preclude the Collateral Agent or the Noteholders from bringing suit or taking other legal action against any Grantor in any other jurisdiction to collect on a Grantor's obligations or to enforce a judgment or other court ruling in favor of the Collateral Agent or a Noteholder.
- (iii) <u>WAIVER OF JURY TRIAL, ETC</u>. EACH GRANTOR IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR UNDER ANY OTHER TRANSACTION DOCUMENT OR IN CONNECTION WITH OR ARISING OUT OF THIS AGREEMENT, ANY OTHER TRANSACTION DOCUMENT OR ANY TRANSACTION CONTEMPLATED HEREBY OR THEREBY.
- (iv) Each Grantor irrevocably and unconditionally waives any right it may have to claim or recover in any legal action, suit or proceeding referred to in this Section any special, exemplary, indirect, incidental, punitive or consequential damages.

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IN WITNESS WHEREOF, each Grantor has caused this Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

DELCATH SYSTEMS, INC.

By Chnylor K. Singer Name: Jennifer k. Singer Title: President, CEO

Address for Notices:

1633 Broadway, Suite 22C New York, New York 10019

IN WITNESS WHEREOF, the Collateral Agent has caused this Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

> HUDSON BAY MASTER FUND LTD., as Collateral Agent

By 1/2 NAME YOAV ROTH XITTE: AUTHORIZED SIGNATURY

[IP Security Agreement Signature Page]

Schedule A Patents

	5	PL STREET	1 archio		-	₽
<u>Party</u>	Comity	11116	No.	r illing Date	<u>Issue Date</u>	Assignees
Delcath Systems, Inc.	US	NOVEL APPARATUS AND METHOD FOR ISOLATED PELVIC PERFUSION	US 5,817,046	14-Jul-1997	06-Oct-1998	Delcath Systems, Inc.
Delcath Systems, Inc.	Belgium	BALLOON CATHETER WITH OCCLUDED SEGMENT BYPASS	BE0936933	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	Germany	Same as above	DE69735487.3	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	Europe	Same as above	EP 0936933	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	France	Same as above	FR 0936933	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	United Kingdom	Same as above	GB 0936933	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	Italy	Same as above	IT 502006901423564	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	Japan	Same as above	JP4039698	28-Jul-1997	16-Nov-2007	
Delcath Systems, Inc.	Sweden	Same as above	SE 97937266.1	28-Jul-1997	15-Mar-2006	
Delcath Systems, Inc.	SN	Same as above	US 5,893,841	30-Aug-1996	13-Apr-1999	Delcath Systems, Inc.
Delcath Systems, Inc.	S	CATHETER FLOW AND LATERAL MOVEMENT	US 5,897,533	02-Sep-1997	27-Apr-1999	Delcath Systems, Inc.

Transaction Party	Country	Title	Application/Patent No.	Filing Date	Issue Date	Assignees
000000000000000000000000000000000000000	000000000000000000000000000000000000000	CONTROLLER			000000000000000000000000000000000000000	
Delcath Systems, Inc.	US	CATHETER WITH SLIDABLE BALLOON	US 5,919,163	14-Jul-1997	09-Jul-1999	Delcath Systems, Inc.
Delcath Systems, Inc.	US	CANCER TREATMENT METHOD	US 6,186,146	13-Jan-1997	13-Feb-2001	Delcath Systems, Inc.
Delcath Systems, Inc.	US	METHOD FOR TREATING GLANDULAR DISEASES AND MALIGNANCIES	US 7,022,097	09-May-2003	04-Apr-2006	Delcath Systems, Inc.
Delcath Systems, Inc.	Europe	APPARATUS FOR REMOVING CHEMOTHERAPY COMPOUNDS FROM BLOOD	EP 12847108.3	07-Nov-2012	NA	
Delcath Systems, Inc.	US	Same as above	US 13/671,549	07-Nov-2012	NA	Delcath Systems, Inc.
Delcath Systems, Inc.	Argentina	DUAL FILTER (design)	AR 84098	29-Jun-2012	NA	
Delcath Systems, Inc.	Australia	Same as above	AU 343454	25-Jun-2012	23-Jul-2012	
Delcath Systems, Inc.	Canada	Same as above	CA 146201	21-Jun-2012	15-May-2013	
Delcath Systems, Inc.	China	Same as above	ZL201230277905.5	27-Jun-2012	20-Mar-2013	
Delcath Systems, Inc.	Europe	Same as above	EM 001333173	25-Jun-2012	27-Jul-2012	

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Delcath	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Transaction Party
China	Canada	Australia	Australia	US	US	US	Hong Kong	Europe	US	Japan	Country
Same as above	Same as above	Same as above	RECOVERY CATHETER ASSEMBLY	A METHOD OF SELECTING CHEMOTHERAPEUTIC AGENTS FOR AN ISOLATED ORGAN OR REGIONAL THERAPY	Same as above	Same as above	Same as above	FILTER AND FRAME APPARATUS AND METHOD OF USE	Same as above	Same as above	<u>Title</u>
ZL201180022704.3	CA 2,793,561	AU 2015210390	AU 2011224640	US 14/013,005	US 15/071,896	US 9,314,561	HK 15104220.7	EP 12863654.5	D708,749	JP 1456186	Application/Patent No.
04-Mar-2011	04-Mar-2011	04-Mar-2011	04-Mar-2011	28-Aug-2013	16-Mar-2016	30-Dec-2012	29-Dec-2012	29-Dec-2012	29-Dec-2011	29-Jun-2012	Filing Date
26-Aug-2015	NA	NA	20-Aug-2015	NA	NA	19-Apr-2016	NA	AN	08-Jul-2014	26-Oct-2012	Issue Date
				Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.			Delcath Systems, Inc.		Assignees

NFusion Vascular Systems, LLC	NFusion Vascular Systems, LLC	NFusion Vascular Systems, LLC	NFusion Vascular Systems, LLC	Delcath Systems	Delcath Systems,	Delcath Systems	Delcath Systems,	Delcath Systems,	Systems,	Trans Party
sion ular ems,	sion ular ems,	sion ular ms,	sion ular ems,	Delcath Systems, Inc.	ath ems, Inc.	Delcath Systems, Inc.	ath ems, Inc.	ath ems, Inc.	ms, Inc.	Transaction Party
SN	SN	US	US	Japan	Japan	Hong Kong	Europe	China		Country
RECOVERY CATHETER ASSEMBLY AND METHOD	Same as above	Same as above	Same as above	Same as above	Same as above	Same as above	Same as above	Same as above		Title
US 9,108,029	US 14/995,677	US 9,265,914	US 8,679,057	JP 2016-081587	JP 2012-557130	HK 13110687.2	EP 11709548.9	CN 201510452193.9		Application/Patent No.
21-May-2013	14-Jan-2016	04-Feb-2014	04-Mar-2011	04-Mar-2011	04-Mar-2011	04-Mar-2011	04-Mar-2011	04-Mar-2011		Filing Date
18-Aug-2015	NA	23-Feb-2016	25-Mar-2014	NA	NA	NA	NA	NA		Issue Date
NFusion Vascular Systems, LLC	NFusion Vascular Systems, LLC	NFusion Vascular Systems, LLC	NFusion Vascular Systems, LLC							Assignees

Vascular Systems, LLC	NFusion	Trans: Party
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Va. Sys LL	NF NF	<u>}</u>
Vasc Syste LLC	NFu	Assi
Vascu Systen LLC	NFusi	Assign
Vascula: Systems LLC	NFusion	Assigne
Vascular Systems, LLC	NFusion	Assignee
Vascular Systems, LLC	NFusion	Assignees
Vascular Systems, LLC	NFusion	Assignees

Schedule B Trademarks

Pending			1/10/2012	831297557	CHEMOSAT	Brazil	Inc.
							Systems,
							Delcath
Registered	3/1/2010	1033135	3/1/2010	A0018891	ISO-FUSE	Australia	Inc.
							Systems,
							Delcath
Registered	8/13/2012	1468745	1/10/2012	1468745	DELCATH	Australia	Inc.
							Systems,
							Delcath
Registered	3/8/2010	1033246	3/8/2010	A0018997	CHEMOSAT	Australia	Inc.
							Systems,
							Delcath
Pending			3/2/2010	2982807	ISO-FUSE	Argentina	Inc.
							Systems,
							Delcath
Registered	6/22/2010	3011124	6/22/2010	3011124	DELKERAN	Argentina	Inc.
							Systems,
							Delcath
Pending			1/10/2012	3139665	DELCATH	Argentina	Inc.
							Systems,
							Delcath
Registered	5/31/2010	3006314	5/31/2010	3006314	CHEMOSATURATION	Argentina	Inc.
							Systems,
							Delcath
Pending			5/31/2010	3006313	CHEMOSAT	Argentina	Inc.
							Systems,
							Delcath
Status	<u>Date</u>	<u>No.</u>	<u>Date</u>	<u>No.</u>	Trademark	Country	Owner
	Registration	Registration	Filing	Application			

Delcath Systems, Inc.	Owner									
European Union	Colombia	Colombia	Colombia	Colombia	China	China	China	Brazil	Brazil	Country
CHEMOFUSE	ISO-FUSE	DELKERAN	CHEMOSATURATION	CHEMOSAT	ISO-FUSE	DELCATH	CHEMOSAT	ISO-FUSE	DELCATH	Trademark
9544297	10024515	10025071	10077050	1077052	A0018891	A0024132	A0018997	830540040	831297565	Application No.
11/23/2010	3/2/2010	3/3/2010	6/25/2010	6/25/2010	3/1/2010	4/11/2011	3/8/2010	3/2/2010	1/10/2012	Filing Date
9544297	412425	412426	415376	415377	1033135	1075265	1033246			Registration No.
4/12/2011	10/25/2010	10/25/2010	11/30/2010	11/30/2010	3/1/2010	4/11/2011	3/8/2010			Registration Date
Registered	Pending	Pending	Status							

Delcath Systems, Inc.	Owner									
India	India	Hong Kong	Hong Kong	European Union	European Union	European Union	European Union	European Union	European Union	Country
DELCATH	CHEMOSAT	DELCATH	CHEMOSAT	MELMISAT	ITENZIF	ISO-FUSE	INTENZIF	DELCATH	CHEMOSAT	Trademark
2264126	1935212	302134485	302134449	9544552	10014165	A0018891	9544487	A0024132	A0018997	Application No.
1/9/2012	3/12/2010	1/10/2012	1/10/2012	11/23/2010	6/1/2011	3/1/2010	11/23/2010	4/11/2011	3/8/2010	Filing Date
2264126	1017505	302134485	30213449	9544552	10014165	1033135	9544487	1075265	1033246	Registration No.
1/10/2012	7/13/2011	10/4/2012	1/10/2012	5/10/2011	10/13/2011	3/1/2010	5/10/2011	4/11/2011	3/8/2010	Registration Date
Registered	Status									

Delcath Systems, Inc.	Owner									
Korea (South)	Korea (South)	Japan	Japan	Japan	Japan	Israel	Israel	India	India	Country
CHEMOSATURATION	CHEMOSAT	DELKERAN	DELCATH	CHEMOSATURATION	CHEMOSAT	DELCATH	CHEMOSAT	ISO-FUSE	DELKERAN	Trademark
A0018998	A0018997	A0018996	A0024132	A0018998	A0018997	A0024132	A0018997	1929176	1935213	Application No.
3/8/2010	3/8/2010	3/8/2010	4/11/2011	3/8/2010	3/8/2010	4/11/2011	3/8/2010	3/2/2010	3/12/2010	Filing Date
1033711	1033246	1033245	1075265	1033711	1033246	1075265	1033246	993908	1000910	Registration No.
3/8/2010	3/8/2010	3/8/2010	4/11/2011	3/4/2011	3/8/2010	4/11/2011	3/8/2010	3/30/2011	4/8/2011	Registration Date
Registered	Status									

Delcath Systems, Inc.	Owner									
Russian Federation	New Zealand	New Zealand	Mexico	Mexico	Mexico	Mexico	Mexico	Korea (South)	Korea (South)	Country
CHEMOSAT	DELCATH	CHEMOSAT	ISO-FUSE	DELKERAN	DELCATH	CHEMOSATURATION	CHEMOSAT	ISO-FUSE	DELCATH	Trademark
A0018997	854898	854899	1,071,313	1,075,546	1240455	1,072,332	1,072,333	A0018891	A0024132	Application No.
3/8/2010	1/10/2012	1/10/2012	3/2/2010	3/19/2010	1/11/2012	3/5/2010	3/5/2010	3/1/2010	4/11/2011	Filing Date
1033246	854898	854899	1,187,552		1360234	1,187,555	1,187,556	1033135	1075265	Registration No.
3/8/2010	7/11/2012	7/11/2012	10/29/2010		4/10/2013	10/29/2010	10/29/2010	3/1/2010	1/21/2013	Registration Date
Registered	Registered	Registered	Registered	Pending	Registered	Registered	Registered	Registered	Registered	Status

Delcath Systems, Inc.	Owner									
United States of America	Taiwan	Taiwan	Taiwan	Taiwan	Taiwan	Russian Federation	Country			
DELCATH	DELCATH	CHEMOSAT	CHEMOFUSE	ISO-FUSE	DELKERAN	DELCATH	CHEMOSATURATION	CHEMOSAT	DELCATH	Trademark
85/288,673	76/266,056	77/944,997	85/172,818	099009131	099011209	101001404	099009555	099009554	A0024132	Application No.
4/7/2011	6/4/2001	2/25/2010	11/9/2010	3/2/2010	3/12/2010	1/10/2012	3/4/2010	3/4/2010	4/11/2011	Filing Date
4,049,055	2,609,452	4,176,059	4,242,543	1426959	1431946	1536288	1459057	1459056	1075265	Registration No.
11/1/2011	8/20/2002	7/17/2012	11/13/2012	9/1/2010	10/1/2010	9/16/2012	5/1/2011	5/1/2011	4/11/2011	Registration Date
Registered	Status									

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Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Delcath Systems, Inc.	Owner
WIPO	WIPO	WIPO	WIPO	United States of America	United States of America	United States of America	Country
ISO-FUSE	DELKERAN	DELCATH	CHEMOSAT	THE DELCATH PHP SYSTEM	РНР	ISO-FUSE	Trademark
A0018891	A0018996	A0024132	A0018997	77/529,348	77/529,005	77/818,131	Application No.
3/1/2010	3/8/2010	4/11/2011	3/8/2010	7/23/2008	7/23/2008	9/2/2009	Filing Date
1033135	1033245	1075265	1033246	3,926,021	3,880,422	4,272,541	Registration No.
3/1/2010	3/8/2010	4/11/2011	3/8/2010	3/1/2011	11/23/2010	1/8/2013	Registration Date
Registered	Registered	Registered	Registered	Registered	Registered	Registered	Status

Schedule C

Copyrights

None.

Delcath Systems, Inc. does not derive any revenue from copyrights that are not registered with the U.S. Copyright Office.

NY01\MahaRa\4289306.4 PATENT
RECORDED: 06/14/2016 REEL: 038911 FRAME: 0833