503863808 06/09/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3910457

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

CONVEYING PARTY DATA

Name	Execution Date
SILICON VALLEY BANK	06/08/2016

RECEIVING PARTY DATA

Name:	DELCATH SYSTEMS, INC.
Street Address:	810 SEVENTH AVENUE, 35TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10019

PROPERTY NUMBERS Total: 11

Property Type	Number
Patent Number:	5411479
Patent Number:	5817046
Patent Number:	5893841
Patent Number:	5897533
Patent Number:	5919163
Patent Number:	6186146
Patent Number:	7022097
Application Number:	61556819
Application Number:	29409867
Application Number:	61581433
Application Number:	61581496

CORRESPONDENCE DATA

Fax Number: (617)341-7701

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.

Phone: 617-951-8132

Email: linda.salera@morganlewis.com

Correspondent Name: LINDA A. SALERA

Address Line 1: ONE FEDERAL STREET

Address Line 2: C/O MORGAN, LEWIS & BOCKIUS LLP
Address Line 4: BOSTON, MASSACHUSETTS 02110

503863808 REEL: 038943 FRAME: 0147

PATENT

NAME OF SUBMITTER:	LINDA A. SALERA	
SIGNATURE:	/Linda A. Salera/	
DATE SIGNED:	06/09/2016	
Total Attachments: 4		
source=Delcath - SVB Termination and Release of Security Interest in IP#page1.tif		
Source Delegth CVD Termination and Deleges of Convity Interest in ID#nesse0 tif		

source=Delcath - SVB Termination and Release of Security Interest in IP#page1.tif source=Delcath - SVB Termination and Release of Security Interest in IP#page2.tif source=Delcath - SVB Termination and Release of Security Interest in IP#page3.tif source=Delcath - SVB Termination and Release of Security Interest in IP#page4.tif

PATENT REEL: 038943 FRAME: 0148

RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

THIS RELEASE OF SECURITY INTEREST IN TRADEMARKS (this "Release"), is dated as of June 8, 2016, and made by SILICON VALLEY BANK, a California corporation, as Bank under the Intellectual Property Security Agreement defined below ("Bank").

WHEREAS, Bank and DELCATH SYSTEMS, INC., a Delaware corporation ("<u>Grantor</u>"), are party to that certain Intellectual Property Security Agreement, dated as of November 30, 2012, made by Grantor in favor of Bank (as amended, restated, supplemented or otherwise modified, the "<u>IP Security Agreement</u>"; capitalized terms used but not otherwise defined herein shall have the meanings assigned to such terms in the IP Security Agreement), pursuant to which Grantor granted a security interest to Bank in the Intellectual Property Collateral; and

WHEREAS, the IP Security Agreement was recorded with the United States Patent and Trademark Office on May 6, 2013 against the Patents at Reel/Frame no. 30359-475 and against the Trademarks at Reel/Frame no. 5021/0683; and

WHEREAS, Grantor has requested that Bank release all mortgages, pledges, security interests and liens on the Intellectual Property Collateral;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

1. Bank hereby releases and discharges fully all mortgages, pledges, hypothecations and security interests and liens on all of Grantor's right, title and interest in and to the Intellectual Property Collateral, including, without limitation, the Patents listed on Exhibit A hereto and the Trademarks listed on Exhibit B hereto.

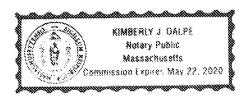
[remainder of page intentionally blank]

DB1/87874671.1

IN WITNESS WHEREOF, Bank has caused this Release to be duly executed by its duly authorized officer as of the day and year first above written.

SILICON VALLEY BANK, as Bank

	ву:/ <i>ДОЦО</i>	Mocot
	Name: Lacera Title: Lacera	MOCOT NA 5004 of Shuchund Minan W
Date: 6/8/14		
Date: <u>\$\V_18\\ 1\\ \\ \</u>		
United States of America)	
State of WassachuseHs	<u>)</u>	
County of MUDDLESEX)	
On this day of	***	
Lawa Soff	, to me known to be the indi	vidual described in and who executed
the foregoing instrument, and acknowledge		



Notary Public, State of Massachusetts Print Name: <u>(いんしく () こ</u>) My Commission Expires: <u>しん</u>

[Signature Page to Release of Security Interest in Intellectual Property]

Exhibit A

Patents

Description	Registration/ Application Number	Registration/ Application <u>Date</u>
Cancer Treatment and Catheter for Use in Treatment	5,411,479	05/02/1995
Apparatus and Method for Isolated Pelvic Perfusion	5,817,046	10/06/1998
Balloon Catheter with Occluded Segment Bypass	5,893,841	04/13/1999
Catheter Flow and Lateral Movement Controller	5,897,533	04/27/1999
Catheter With Slidable Balloon	5,919,163	07/06/1999
Cancer Treatment Method	6,186,146	02/13/2001
Method For Treating Glandular Diseases and Malignancies	7,022,097	04/04/2006
Apparatus For Removing Chemotherapy Compounds from Blood	(61/556,819)	(11/07/2011)
Dual Filter	(29/409,867)	(12/29/2011)
Adjustable Filter Apparatus	(61/581,433)	(12/29/2011)
Dual Filter Cartridge and Frame Apparatus and Method of Use	(61/581,496)	(12/29/2011)
Cancer Treatment and Catheter for Use in Treatment	5,411,479	05/02/1995
Apparatus and Method for Isolated Pelvic Perfusion	5,817,046	10/06/1998
Balloon Catheter with Occluded Segment Bypass	5,893,841	04/13/1999
Cancer Treatment and Catheter for Use in Treatment	5,411,479	05/02/1995

PATENT REEL: 038943 FRAME: 0151

Exhibit B

Trademarks

Description	Registration/ Application Number	Registration/ Application <u>Date</u>
CHEMOFUSE	(85/172,818)	(11/09/2010)
CHEMOSAT	(77/944,997)	(02/25/2010)
CHEMOSATURATION	(77/945,002)	(02/25/2010)
DELCATH	2,609,452	08/20/2002
DELCATH	(85/288,586)	(04/07/2011)
DELCATH	4,049,055	11/01/2011
DELKERAN	(77/947,336)	(03/01/2010)
INTENZIF	(85/181,602)	(11/19/2010)
ITENZIF	(85/320,279)	(05/13/2011)
ISO-FUSE	(77/818,131)	(09/02/2009)
MELMISAT	(85/181,614)	(11/19/2010)
PHP	3,880,422	11/23/2010
THE DELCATH PHP SYSTEM	3,926,021	03/01/2011
CHEMOFUSE	(85/172,818)	(11/09/2010)

PATENT REEL: 038943 FRAME: 0152

RECORDED: 06/09/2016