

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel S. Johnston</td> <td>06/18/2013</td> </tr> <tr> <td>Jacques Chammas</td> <td>05/09/2013</td> </tr> <tr> <td>William M. Appling</td> <td>06/13/2013</td> </tr> <tr> <td>Samantha J. Barton</td> <td>04/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Daniel S. Johnston	06/18/2013	Jacques Chammas	05/09/2013	William M. Appling	06/13/2013	Samantha J. Barton	04/30/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Delcath Systems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>810 Seventh Avenue, 35th Floor</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10019</td> </tr> </table>		Name:	Delcath Systems, Inc.	Street Address:	810 Seventh Avenue, 35th Floor	City:	New York	State/Country:	NEW YORK	Postal Code:	10019
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PROPERTY NUMBERS Total: 2											
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 518.743.8892 Email: fabrams@delcath.com Correspondent Name: Franklin S. Abrams Address Line 1: 566 Queensbury Avenue Address Line 2: Intellectual Property Counsel Address Line 4: Queensbury, NEW YORK 12804											
ATTORNEY DOCKET NUMBER:	100.002A										
NAME OF SUBMITTER:	Franklin S. Abrams										

CH \$80.00 13671549

Signature:	/Franklin S. Abrams/ Reg. No.: 43,457
Date:	06/24/2013
Total Attachments: 8 source=100002Aexecutedassignment#page1.tif source=100002Aexecutedassignment#page2.tif source=100002Aexecutedassignment#page3.tif source=100002Aexecutedassignment#page4.tif source=100002Aexecutedassignment#page5.tif source=100002Aexecutedassignment#page6.tif source=100002Aexecutedassignment#page7.tif source=100002Aexecutedassignment#page8.tif	

ASSIGNMENT

WHEREAS, WE,

Daniel S. Johnston, a citizen of the United States of America and residing at 418 Silver Leaf Circle, Trappe, PA 19426;

Jacques Chammas, a citizen of the United States of America and residing at 14 Pheasant Hill Road, Walpole, MA 02081

William M. Appling, a citizen of the United States of America and residing at 8291 State Route 40, Granville, NY 12832; and

Samantha J. Barton, a citizen of the United States of America and residing at 56 County Route 41, Hudson Falls, NY 12839;

have invented certain new and useful improvements described in the patent specification entitled:

APPARATUS FOR REMOVING CHEMOTHERAPY COMPOUNDS FROM BLOOD

for which an application for Letters Patent of the United States of America was filed on November 7, 2012 and assigned U.S. Application Number 13/671,549 and a PCT international application was filed on November 7, 2012 and assigned international application No. PCT/US2012/064002.

WHEREAS, **Delcath Systems, Inc.** a corporation of the State of Delaware having offices at **810 Seventh Avenue, 35th Floor, New York, New York, 10019**, is desirous of acquiring the entire right, title and interest in and to the new and useful improvement, the application for Letters Patent of the United States of America assigned Application Number 13/671,549, and PCT international application assigned international application No. PCT/US2012/064002;

NOW, THEREFORE, let it be known that, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to us by **DELCATH SYSTEMS, INC.**, we, **Daniel S. Johnston, Jacques Chammas, William M. Appling, and Samantha J. Barton** do hereby assign to **Delcath Systems, Inc.** the entire right, title and interest in the United States and throughout the world in and to the new and useful improvements and the application for Letters Patent of the United States of America assigned Application Number 13/671,549, PCT international application No. PCT/US2012/064002, and any and all other applications for Letters Patent on the new and useful improvements in whatsoever countries, including all divisional, substitute, renewal, re-issue, continuation and continuation-in-part and Convention applications based in whole or in part upon the new and useful improvements or upon the applications, and any and all Letters Patent, utility models, design registrations, reissues and extensions of any Letters Patent granted for the new and useful improvements or upon the applications, and every priority right that is or may be predicated upon or arise from the new and useful improvements, the applications and the Letters Patent;

AND WE HEREBY authorize Delcath Systems, Inc. to file patent applications in any or all countries on the new and useful improvements in our names or in the name of Delcath Systems, Inc. or otherwise as Delcath Systems, Inc. may deem advisable, under the International Convention or otherwise;

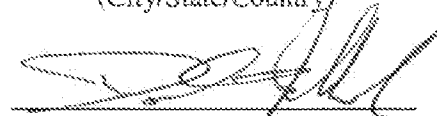
AND WE HEREBY authorize and request the Commissioner for Patents of the U.S. Patent and Trademark Office and the empowered officials of all other governments to issue or transfer all the Letters Patent indicated herein to Delcath Systems, Inc. as assignee of the entire right, title and interest therein or otherwise as Delcath Systems, Inc. may direct;

AND WE WARRANT that we have not knowingly conveyed to others any right in the new and useful improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing the new and useful improvements; and that we have good right to assign the same to Delcath Systems, Inc. without encumbrance;

AND WE HEREBY covenant and agree and bind our heirs, legal representatives and assigns to sign all papers and drawings, take all rightful oaths, execute all right affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for the new and useful improvements in the United States and foreign countries, and for further investing or confirming the right and title thereto in Delcath Systems, Inc., its successors, assigns or nominees, without charge to or additional consideration from Delcath Systems, Inc., its successors, assigns or nominees;

AND WE HEREBY further covenant and agree that we will communicate to Delcath Systems, Inc., its successors, legal representatives and assigns, any facts known to us respecting the new and useful improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Delcath Systems, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the new and useful improvements described in the application for Letters Patent of the United States of America in all countries.

Executed this 18th day of June, 2013, at Queensbury, NY USA
(City/State/Country)


Daniel S. Johnston

State of New York)
: ss
County of Warren)

On this 18th day of June, 2013, before me personally appeared Daniel S. Johnston, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged the foregoing instrument to be his free act and deed.


Notary Public

File No. 100.002A

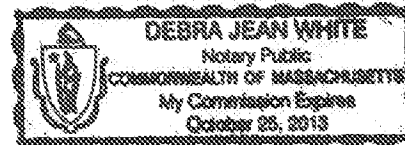
Executed this 9th day of May, 2013, at Walpole, MA USA
(City/State/Country)

J. Chammas
Jacques Chammas

State of MASSACHUSETTS)
: ss
County of Norfolk)

On this 9th day of May, 2013, before me personally appeared Jacques Chammas, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged the foregoing instrument to be his free act and deed.

Debra Jean White
Notary Public



Executed this 13th day of June, 2013, at Queensbury, NY, USA
(City/State/Country)

William M. Appling
William M. Appling

State of New York)
: ss
County of Warren)

On this 13th day of June, 2013, before me personally appeared William M. Appling, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged the foregoing instrument to be his free act and deed.

Kristie H. Clune
Notary Public

Kristie H. Clune
Notary Public-State of New York
No. 01CL8237780
Qualified in Warren County
My Comm. Expires March 28, 2018

File No. 100.002A

Executed this _____ day of _____, 2013, at _____
(City/State/Country)

State of _____)
 : ss
County of _____)

Samantha J. Barton

On this _____ day of _____, 2013, before me personally appeared Samantha
J. Barton, to me known to be the person described in and who executed the foregoing
instrument, and she acknowledged the foregoing instrument to be her free act and deed.

I

Notary Public

ASSIGNMENT

WHEREAS, WE,

Daniel S. Johnston, a citizen of the United States of America and residing at 418 Silver Leaf Circle, Trappe, PA 19426;

Jacques Chammas, a citizen of the United States of America and residing at 14 Pheasant Hill Road, Walpole, MA 02081

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AND WE HEREBY authorize Delcath Systems, Inc. to file patent applications in any or all countries on the new and useful improvements in our names or in the name of Delcath Systems, Inc. or otherwise as Delcath Systems, Inc. may deem advisable, under the International Convention or otherwise;

AND WE HEREBY authorize and request the Commissioner for Patents of the U.S. Patent and Trademark Office and the empowered officials of all other governments to issue or transfer all the Letters Patent indicated herein to **Delcath Systems, Inc.** as assignee of the entire right, title and interest therein or otherwise as **Delcath Systems, Inc.** may direct;

AND WE WARRANT that we have not knowingly conveyed to others any right in the new and useful improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing the new and useful improvements; and that we have good right to assign the same to Delcath Systems, Inc. without encumbrance;

AND WE HEREBY covenant and agree and bind our heirs, legal representatives and assigns to sign all papers and drawings, take all rightful oaths, execute all right affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for the new and useful improvements in the United States and foreign countries, and for further investing or confirming the right and title thereto in **Delcath Systems, Inc.**, its successors, assigns or nominees, without charge to or additional consideration from **Delcath Systems, Inc.**, its successors, assigns or nominees;

AND WE HEREBY further covenant and agree that we will communicate to Delcath Systems, Inc., its successors, legal representatives and assigns, any facts known to us respecting the new and useful improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Delcath Systems, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the new and useful improvements described in the application for Letters Patent of the United States of America in all countries.

Executed this ____ day of _____, 2013, at _____
(City/State/Country)

Daniel S. Johnston

State of _____)
) ss
 County of _____)

On this _____ day of _____, 2013, before me personally appeared Daniel S. Johnston, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged the foregoing instrument to be his free act and deed.

Notary Public

Executed this ____ day of _____, 2013, at _____
(City/State/Country)

On this _____ day of _____, 2013, before me personally appeared Jacques Chammas, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged the foregoing instrument to be his free act and deed.

Executed this _____ day of _____, 2013, at _____
(City/State/Country)

On this _____ day of _____, 2013, before me personally appeared **William M. Appling**, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged the foregoing instrument to be his free act and deed.

PATENT
REEL: 030673 FRAME: 0263

Executed this 30 day of April, 2013, at Greensbury NY, USA
(City/State/Country)

Samantha J. Barton
Samantha J. Barton

State of New York)
: ss
County of Warren)

On this 30th day of April, 2013, before me personally appeared **Samantha J. Barton**, to me known to be the person described in and who executed the foregoing instrument, and she acknowledged the foregoing instrument to be her free act and deed.

[
Kristie H. Clune
Notary Public-State of New York
No. 51CL8237780
Qualified in Warren County
My Comm. Expires March 28, 2016

Kristie H. Clune
Notary Public