

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3726643

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	THERAGENICS CORPORATION	01/25/2016
	NEEDLETECH PRODUCTS, INC.	01/25/2016
	GALT MEDICAL CORP.	01/25/2016
	C.P. MEDICAL CORPORATION	01/25/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PNC BANK, NATIONAL ASSOCIATION	
<b>Street Address:</b>	340 MADISON AVENUE	
<b>Internal Address:</b>	11TH FLOOR	
<b>City:</b>	NEW YORK	
<b>State/Country:</b>	NEW YORK	
<b>Postal Code:</b>	10173	
<b>PROPERTY NUMBERS Total: 37</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	7749151	
<b>Patent Number:</b>	5765740	
<b>Patent Number:</b>	6095323	
<b>Patent Number:</b>	D532513	
<b>Patent Number:</b>	6336914	
<b>Patent Number:</b>	D542414	
<b>Application Number:</b>	14123394	
<b>Patent Number:</b>	6869390	
<b>Patent Number:</b>	7959548	
<b>Patent Number:</b>	6616593	
<b>Patent Number:</b>	6537192	
<b>Patent Number:</b>	7229400	
<b>Patent Number:</b>	7070554	
<b>Patent Number:</b>	6994688	
<b>PCT Number:</b>	US2001002444	
<b>Patent Number:</b>	6323501	

Property Type	Number
Patent Number:	6531705
Patent Number:	6664555
Patent Number:	6821296
Patent Number:	7662082
Patent Number:	7497819
Patent Number:	7497820
Patent Number:	8690746
Patent Number:	8398534
Patent Number:	8486899
Patent Number:	8568284
Patent Number:	8562504
Application Number:	13861195
Patent Number:	6599231
Patent Number:	7190895
Patent Number:	8360951
Patent Number:	9050458
Patent Number:	6749553
Patent Number:	6790170
Patent Number:	6953426
Patent Number:	7513862
Patent Number:	7351192

#### CORRESPONDENCE DATA

**Fax Number:** (416)865-7380

*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:** 4168658244

**Email:** efan@torys.com

**Correspondent Name:** EDWARD FAN

**Address Line 1:** 79 WELLINGTON STREET WEST

**Address Line 2:** 30TH FLOOR

**Address Line 4:** TORONTO, CANADA M5K 1N2

**ATTORNEY DOCKET NUMBER:** 22764-2051

**NAME OF SUBMITTER:** EDWARD FAN

**SIGNATURE:** /Edward Fan/

**DATE SIGNED:** 02/04/2016

#### Total Attachments: 10

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## PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT (this "Agreement"), dated as of January 25, 2016 is made by THERAGENICS CORPORATION, a Delaware corporation, NEEDLETECH PRODUCTS, INC., a Massachusetts corporation, GALT MEDICAL CORP., a Texas corporation, and C.P. MEDICAL CORPORATION, a Delaware corporation, (each herein referred to as a "Grantor" and, collectively, the "Grantors") in favor of PNC BANK, NATIONAL ASSOCIATION, as Agent (in such capacity, together with its successors in such capacity, the "Grantee") for the lenders from time to time party to the Credit Agreement (as hereinafter defined). Capitalized terms used and not otherwise defined herein shall have the meaning specified in the Credit Agreement (as hereinafter defined).

WHEREAS, Grantors own the Patents (as hereinafter defined) as listed on Schedule 1 annexed hereto;

WHEREAS, Grantors, certain lenders (the "Lenders") and Grantee are parties to a Third Amended and Restated Revolving Credit, Term Loan and Security Agreement, dated as of December 23, 2015 (as amended, extended, restated, supplemented or modified from time to time, the "Credit Agreement");

WHEREAS, pursuant to the terms of the Credit Agreement, each Grantor has granted to Grantee for the ratable benefit of such Lenders, a security interest in substantially all the assets of such Grantor including all right, title and interest of such Grantor in, to and under all such Grantor's Patents whether presently existing or hereafter arising or acquired, and the applications therefor and the registrations thereof, and all products and proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof, to secure the payment of all amounts owing under the Credit Agreement and the other Obligations;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to secure the prompt payment and performance to Agent and each Lender of the Obligations, each Grantor hereby grants to Grantee for its benefit and for the ratable benefit of each Lender, a continuing security interest in all of such Grantor's right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the "Patent Collateral"), whether presently existing or hereafter arising or acquired:

(a) each United States or foreign patent now held or hereafter acquired by such Grantor, including any registration or application for registration of any patents now held or hereafter acquired by such Grantor, which are registered in the United States Patent and Trademark Office or the equivalent thereof in any State of the United States or in any foreign country (each a "Patent" and collectively, the "Patents"), including, without limitation, each Patent referred to in Schedule 1 annexed hereto; and

(b) all products and proceeds of the foregoing, including, without limitation, any claim by such Grantor against third parties for past, present or future infringement of any Patent including, without limitation, any Patent referred to in Schedule 1 annexed hereto.

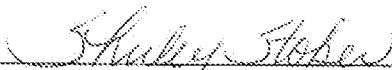
This security interest is granted in conjunction with the security interests granted to the Grantee pursuant to the Credit Agreement. Grantors do hereby further acknowledge and affirm that the rights and remedies of Grantee with respect to the security interest in the Patent

Collateral made and granted hereby are more fully set forth in the Credit Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Patent Security Agreement and the terms of the Credit Agreement, the terms of the Credit Agreement shall control.

\* \* \*

IN WITNESS WHEREOF, Grantors have caused this Patent Security Agreement to be duly executed by its officer thereunto duly authorized as of the date first written above.

THERAGENICS CORPORATION

By:   
Name: Shirley Stoker  
Title: Executive Vice President and Chief  
Financial Officer

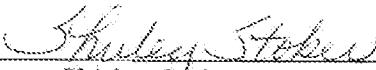
GALT MEDICAL CORP.

By:   
Name: Shirley Stoker  
Title: Executive Vice President

C.P. MEDICAL CORPORATION

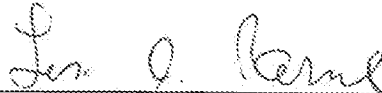
By:   
Name: Shirley Stoker  
Title: Executive Vice President

NEEDLETECH PRODUCTS, INC.

By:   
Name: Shirley Stoker  
Title: Executive Vice President

STATE OF Georgia )  
 )ss.:  
COUNTY OF Hall )

On this 28<sup>th</sup> day of January, 2016, before me personally came Shirley Stoker, to me known, who, being by me duly sworn, did depose and say that she is the Executive Vice President and Chief Financial Officer of THERAGENICS CORPORATION, the corporation described in and which executed the foregoing instrument; and that she signed her name thereto by order of the board of directors of said corporation.



NOTARY PUBLIC

My commission expires:

**Lisa A Russell**  
**Notary Public, Georgia**  
**Hall County**  
**Commission Expires October 14, 2019**

STATE OF Georgia )  
 )ss.:  
COUNTY OF Hall )

On this 28<sup>th</sup> day of January, 2016, before me personally came Shirley Stoker, to me known, who, being by me duly sworn, did depose and say that she is the Executive Vice President of GALT MEDICAL CORP., the corporation described in and which executed the foregoing instrument; and that she signed her name thereto by order of the board of directors of said corporation.



NOTARY PUBLIC

My commission expires:

**Lisa A Russell**  
**Notary Public, Georgia**  
**Hall County**  
**Commission Expires October 14, 2019**

STATE OF Georgia )  
 )ss.:  
COUNTY OF Hall )

On this 25<sup>th</sup> day of January, 2016, before me personally came Shirley Stoker, to me known, who, being by me duly sworn, did depose and say that she is the Executive Vice President of C.P. MEDICAL CORPORATION, the corporation described in and which executed the foregoing instrument; and that she signed her name thereto by order of the board of directors of said corporation.

Lisa A. Russell

NOTARY PUBLIC

My commission expires:

Lisa A Russell  
Notary Public, Georgia  
Hall County  
Commission Expires October 14, 2019

STATE OF Georgia )  
 )ss.:  
COUNTY OF Hall )

On this 25<sup>th</sup> day of January, 2016, before me personally came Shirley Stoker, to me known, who, being by me duly sworn, did depose and say that she is the Executive Vice President of NEEDLETECH PRODUCTS, INC., the corporation described in and which executed the foregoing instrument; and that she signed her name thereto by order of the board of directors of said corporation.

Lisa A. Russell

NOTARY PUBLIC

My commission expires:

Lisa A Russell  
Notary Public, Georgia  
Hall County  
Commission Expires October 14, 2019



Acknowledged:

PNC BANK, NATIONAL ASSOCIATION,  
as Agent

By: *Robert D. Williams*  
Name: *Robert D. Williams*  
Title: *VP*

[Signature Page to Patent Security Agreement]

**PATENT**  
**REEL: 037664 FRAME: 0970**

# Schedule 1 - Patent Security Agreement

Owner	Title	Jurisdiction	Application No.	File Date	Patent No.	Last Action
C.P. Medical Corporation	BRACHYTHERAPY SPACER	US	11056037	2/10/2005	7,749,151	4-yr pmt 1/6/2014
C.P. Medical Corporation	SUTURE-MATERIAL-DISPENSER SYSTEM FOR SUTURE MATERIAL	US	8497432	6/30/1995	5,765,740	12-yr pmt 3/21/2010 Expired 6/30/15
C.P. Medical Corporation	SUTURE-MATERIAL-DISPENSER SYSTEM FOR SUTURE MATERIAL	US	9097304	6/12/1998	6,095,323	12-yr pmt 10/4/2012
Galt Medical Corp.	HANDLE FOR AN INTRODUCER SHEATH	US	29201714	3/19/2004	D532513	Issued 1/21/2006
Galt Medical Corp.	Releasable interlock assembly having axial and rotational engagement	US	9482838	1/13/2000	6,336,914	12-yr pmt 2/27/2013
Galt Medical Corp.	Tunneling Device for a Catheter	US	29244662	12/13/2005	D542414	Issued 5/8/2007
Needletech Products, Inc.	Method and Apparatus for Tissue Removal	US	14123394	12/2/2013	Pending	Published
Theragenics Corporation	Automated Implantation System for Radioisotope Seeds	US	10010968	11/13/2001	6,869,390	4-yr pmt 3/29/2012
Theragenics Corporation	Automated Implantation System for Radioisotope Seeds	US	11086779	3/22/2005	7,959,548	Issued 6/14/2011
Theragenics Corporation	Automated Radioisotope Seed Cartridge	US	9587642	6/5/2000	6,616,593	Expired 10/5/15
Theragenics Corporation	Automated Radioisotope Seed Loader System for Implant Needles	US	09587624	6/5/2000	6,537,192	12-yr pmt 9/25/2014
Theragenics	Automated Radioisotope Seed Loader	US	10355603	1/13/2001	7,229,400	8-yr pmt

Owner	Title	Jurisdiction	Application No.	File Date	Patent No.	Last Action
Corporation	System for Implant Needles					12/12/2014
Theragenics Corporation	BRACHYTHERAPY DEVICES AND METHODS OF USING THEM	US	10342536	1/15/2003	7,070,554	8-yr pmt 1/6/2014
Theragenics Corporation	CATHETER ATTACHMENT AND CATHETER FOR BRACHYTHERAPY	US	9858366	5/16/2001	6,994,688	8-yr pmt 8/7/2013
Theragenics Corporation	CONTAINER FOR STORAGE AND SHIPPING RADIOACTIVE MATERIALS	US	PCT/US01/02444 WO2002/04 9043	1/25/2001	Pending	CDE 8/22/2002
Theragenics Corporation	CONTAINER FOR STORING AND SHIPPING RADIOACTIVE MATERIALS	US	9266867	3/12/1999	6,323,501	12-yr pmt 3/4/2013
Theragenics Corporation	CONTAINER FOR STORING AND SHIPPING RADIOACTIVE MATERIALS	US	9969393	10/2/2001	6,531,705	12-yr pmt 9/1/2014
Theragenics Corporation	CONTAINER FOR STORING AND SHIPPING RADIOACTIVE MATERIALS	US	10369045	2/19/2003	6,664,555	8-yr pmt 5/9/2011
Theragenics Corporation	DEVICE FOR DELIVERING A RADIOACTIVE AND/OR DRUG DOSAGE ALONE OR IN CONNECTION WITH A VASCULAR STENT	US	9874580	6/5/2001	6,821,296	8-yr pmt 3/26/2012
Theragenics Corporation	Expandable Brachytherapy Device	US	11266994	11/4/2005	7,662,082	4-yr pmt 8/16/2013
Theragenics Corporation	Expandable Brachytherapy Device	US	11682681	3/6/2007	7,497,819	4-yr pmt 9/4/2012
Theragenics Corporation	Expandable Brachytherapy Device	US	11688033	3/19/2007	7,497,820	4-yr pmt 9/4/2012
Theragenics Corporation	Expandable Brachytherapy Device	US	12493884	6/29/2009	8,690,746	Issued 4/8/2014
Theragenics Corporation	Expandable Brachytherapy Device	US	12682289	1/22/2010	8,398,534	Issued 3/19/2013

Owner	Title	Jurisdiction	Application No.	File Date	Patent No.	Last Action
Theragenics Corporation	Expandable Brachytherapy Device	US	12694741	1/27/2010	8,486,899	Issued 4/1/2014
Theragenics Corporation	Expandable Brachytherapy Device	US	12710308	2/22/2010	8,568,284	Issued 10/29/2013
Theragenics Corporation	Expandable Brachytherapy Device	US	12775636	5/7/2010	8,562,504	Issued 10/22/2013
Theragenics Corporation	Expandable Brachytherapy Device	US	13861195	4/12/2013	Pending	Filed 4/12/2013
Theragenics Corporation	Loading Clip For Radioisotope Seeds	US	9658636	9/11/2000	6,599,231	Expired 8/24/15
Theragenics Corporation	PHOTOGRAPHIC IMAGING SYSTEM FOR BRACHYTHERAPY DEVICE VERIFICATION	US	10718950	11/21/2003	7,190,895	Expired 4/13/15
Theragenics Corporation	POINT OF CARE RADIOACTIVE MATERIAL STRANDING SYSTEM	US	11877339	10/23/2007	8,360,951	Issued 1/29/2013
Theragenics Corporation	POINT OF CARE RADIOACTIVE MATERIAL STRANDING SYSTEM	US	13733272	1/3/2013	9,050,458	Issued 6/9/15
Theragenics Corporation	RADIATION DELIVERY DEVICES AND METHODS FOR THEIR MANUFACTURE	US	9858816	5/16/2001	6,749,553	8-yr pmt 9/22/2011
Theragenics Corporation	RADIOACTIVE SOURCE WIRE AND DUAL LUMEN CATHETER SYSTEM FOR BRACHYTHERAPY	US	10010250	11/7/2001	6,790,170	8-yr pmt 9/22/2011
Theragenics Corporation	Seed Magazine	US	10354950	1/29/2003	6,953,426	8-yr pmt 2/27/2013
Theragenics Corporation	Seed Magazine	US	11196659	8/2/2005	7,513,862	4-yr pmt 10/9/2012

Owner	Title	Jurisdiction	Application No.	File Date	Patent No.	Last Action
Theragenics Corporation	Selectively Loadable/Sealable Bioresorbable Carrier Assembly for Radioisotope Seeds	US	10853575	5/24/2004	7,351,192	8-yr pmt 10/1/2015

**PATENT**

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**RECORDED: 02/04/2016**