

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM665685

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	TERMINATION AND RELEASE OF TRADEMARK SECURITY AGREEMENT

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
ORGANOGENESIS INC.		08/06/2021	Corporation: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	Silicon Valley Bank
<b>Street Address:</b>	3003 Tasman Drive, HF 150
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>Entity Type:</b>	Corporation: CALIFORNIA

## PROPERTY NUMBERS Total: 27

Property Type	Number	Word Mark
Registration Number:	4463271	GINTUIT
Registration Number:	4942534	PURAPLY
Registration Number:	1934437	DERMAGRAFT
Registration Number:	3980382	
Registration Number:	3980381	HEAL2GETHER
Registration Number:	3994525	
Registration Number:	4071103	
Registration Number:	3861559	ADVANCED BIOHEALING
Registration Number:	3861561	ADVANCED BIOHEALING
Registration Number:	3861562	
Registration Number:	3861560	GET CLOSURE
Registration Number:	5194057	DERMAGRAFT
Serial Number:	86912511	DERMAGRAFT
Serial Number:	86256918	TRANSCYTE
Serial Number:	87378150	ACLIPSE
Serial Number:	87378142	ACLIPSE ALLOGRAFT
Serial Number:	74530123	DERMAGRAFT
Serial Number:	77663209	
Serial Number:	77845198	

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	85556369	GINTUIT
Serial Number:	86512814	PURAPLY
Serial Number:	87662519	TRANSCYTE
Serial Number:	87730368	NOVACHOR
Serial Number:	87752897	BBWM
Serial Number:	87864928	ORGANOGENESIS
Serial Number:	87868034	PURAFORCE
Serial Number:	87868037	THE BIOTECH HEALER

**CORRESPONDENCE DATA**

**Fax Number:**

*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:** 8004945225  
**Email:** ipteam@cogencyglobal.com  
**Correspondent Name:** JAY DASILVA  
**Address Line 1:** 1025 CONNECTICUT AVE., NW, STE. 712  
**Address Line 2:** COGENCY GLOBAL INC.  
**Address Line 4:** WASHINGTON, D.C. 20036

<b>ATTORNEY DOCKET NUMBER:</b>	1448959 TM D
<b>NAME OF SUBMITTER:</b>	Gwendolyn Meccas
<b>SIGNATURE:</b>	/Gwendolyn Meccas/
<b>DATE SIGNED:</b>	08/06/2021

**Total Attachments: 22**

- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page1.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page2.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page3.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page4.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page5.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page6.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page7.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page8.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page9.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page10.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page11.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page12.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page13.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page14.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page15.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page16.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page17.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page18.tif
- source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page19.tif

source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page20.tif  
source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page21.tif  
source=Closing Copy - IP Security Agreement Termination (Organogenesis) - Organogenesis#page22.tif

**TERMINATION AND RELEASE OF  
TRADEMARK SECURITY AGREEMENT AND PATENT SECURITY AGREEMENT**

This **TERMINATION AND RELEASE OF TRADEMARK SECURITY AGREEMENT AND PATENT SECURITY AGREEMENT** (this “*Termination and Release*”) is granted as of August 6, 2021 by **SILICON VALLEY BANK**, as Administrative Agent (the “*Assignee*”), in favor of **ORGANOGENESIS INC.** (the “*Grantor*”).

**WHEREAS**, the Grantor executed and delivered (i) a Trademark Security Agreement dated as of March 21, 2017, (ii) a Trademark Security Agreement dated as of August 18, 2017, (iii) a Trademark Security Agreement dated as of March 14, 2019, (iv) a Patent Security Agreement dated as of March 21, 2017, (v) a Patent Security Agreement dated as of August 18, 2017, and (vi) a Patent Security Agreement dated as of March 14, 2019 and (collectively, as amended, restated, supplemented or otherwise modified prior to the date hereof, the “*Grant*”) granting the Assignee a security interest in and lien on certain Trademarks and Patents (including without limitation those Trademarks and Patents listed on the schedules attached thereto, respectively), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits) and goodwill associated therewith, the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof, which was recorded with the United States Patent and Trademark Office (“*USPTO*”) on (1) March 21, 2017, at Reel 6014, Frame 0326, (2) August 18, 2017, at Reel 6133, Frame 0382, (3) June 19, 2018, at Reel 6357, Frame 0471 and (4) March 14, 2019, at Reel 6591, Frame 0244, in each case of items (1) – (4), with respect to the Trademarks and (5) March 21, 2017, at Reel 041667, Frame 0558, (6) August 10, 2017, at Reel 043413, Frame 0848, (7) June 7, 2018, at Reel 046392, Frame 0244, (8) August 25, 2017, at Reel 043413, Frame 0848 and (9) March 14, 2019, at Reel 048599, Frame 0130, in each case of items (5) – (9), with respect to the Patents;

**WHEREAS**, the Grantor has requested that Assignee hereby terminate, release and discharge fully its security interests in and liens on all right, title and interest of the Grantor in, to and under all of the (x) Trademarks identified in Schedule I hereto and (y) Patents identified in Schedule II hereto, in each case as herein provided; and

**WHEREAS**, the Grantor has requested that the Assignee provide a document suitable for recording with the USPTO to evidence the release of the Assignee’s security interests in and liens on the certain Trademarks and Patents as herein provided.

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

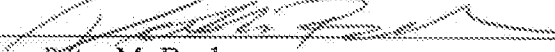
1. terminates the Grant and releases, terminates and discharges all liens and security interests in the Grantor’s right, title and interest in, to and under those certain Trademarks identified in Schedule I hereto, and all goodwill associated therewith and those certain Patents identified in Schedule II hereto; and
2. authorizes and requests that this Termination and Release be recorded at the USPTO.

THIS TERMINATION AND RELEASE AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release by its duly authorized officer as of the date first above written.

SILICON VALLEY BANK,  
as Administrative Agent

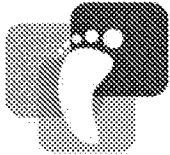
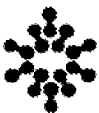
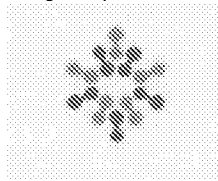

By:   
Name: Peter M. Benham  
Title: Managing Director & Head of Corporate  
Banking

SCHEDULE I TO  
TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENT

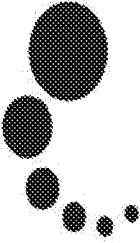
Trademarks

Schedule A to TRADEMARK SECURITY AGREEMENT

**Trademarks**

COUNTRY	TRADEMARK	APP. NO.	APP. DATE	REG. NO.	REG. DATE	CLASS	STATUS
USA	DERMAGRAFT	86912511	18-FEB-2016	N/A	N/A	5	Pending Section 2(F) (Response to Office Action filed on 30-NOV-2016)
USA	GINTUIT	85556369	29-FEB-2012	4463271	07-JAN-2014	5	Registered
USA	PURAPLY	86512814	23-JAN-2015	4942534	19-APR-2016	5	Registered
USA	DERMAGRAFT	74530123	26-MAY-1994	1934437	07-NOV-1995	10	Registered (Supplemental Register; Recently renewed in JUL-2016)
USA	Design Only 	85015471	16-APR-2010	3980382	21-JUN-2011	44 45	Registered
USA	HEAL2GETHER	85015469	16-APR-2010	3980381	21-JUN-2011	44 45	Registered
USA	Design Only 	77845179	09-OCT-2009	3994525	12-JUL-2011	5	Registered
USA	Design Only 	77845198	09-OCT-2009	4071103	13-DEC-2011	5	Registered
USA	ADVANCED BIOHEALING	77663144	04-FEB-2009	3861559	12-OCT-2010	5	Registered
USA	ADVANCED BIOHEALING 	77663187	04-FEB-2009	3861561	12-OCT-2010	5	Registered



COUNTRY	TRADEMARK	APP. NO.	APP. DATE	REG. NO.	REG. DATE	CLASS	STATUS
USA	Design Only 	77663209	04-FEB-2009	3861562	12-OCT-2010	5	Registered
USA	GET CLOSURE	77663150	04-FEB-2009	3861560	12-OCT-2010	5	Registered
USA	TRANSCYTE	86256918	19-APR-2014	N/A	N/A		

SCHEDULE A-1

<u>Mark</u>	<u>Serial Number</u>	<u>Registration/Filing Date</u>	<u>Owner</u>
ACLIPSE	87378150	20-MAR-2017	Organogenesis Inc.
ACLIPSE ALLOGRAFT	87378142	20-MAR-2017	Organogenesis Inc.

Schedule A to TRADEMARK SECURITY AGREEMENT

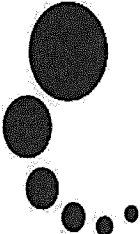
**Trademarks**

	<u>Trademark</u>	<u>Owner</u>	<u>Serial Number</u>	<u>Registration Date</u>
1.	DERMAGRAFT	Organogenesis Inc.	74530123	11/7/1995
2.	(Design Only)	Organogenesis Inc.	77663209	10/12/2010
3.	(Design Only)	Organogenesis Inc.	77845198	12/13/2011
4.	GINTUIT	Organogenesis Inc.	85556369	1/7/2014
5.	PURAPLY	Organogenesis Inc.	86512814	4/19/2016
6.	DERMAGRAFT	Organogenesis Inc.	86912511	5/2/2017
7.	ACLIPSE ALLOGRAFT	Organogenesis Inc.	87378142	N/A (Filing Date: 3/20/2017)
8.	ACLIPSE	Organogenesis Inc.	87378150	N/A (Filing Date: 3/20/2017)
9.	TRANSCYTE	Organogenesis Inc.	87662519	N/A (Filing Date: 10/27/2017)
10.	NOVACHOR	Organogenesis Inc.	87730368	N/A (Filing Date: 12/21/2017)
11.	BBWM	Organogenesis Inc.	87752897	N/A (Filing Date: 1/12/2018)
12.	ORGANOGENESIS	Organogenesis Inc.	87864928	N/A (Filing Date: 4/5/2018)
13.	PURAFORCE	Organogenesis Inc.	87868034	N/A (Filing Date: 4/9/2018)
14.	THE BIOTECH HEALER	Organogenesis Inc.	87868037	N/A (Filing Date: 4/9/2018)

Schedule A to TRADEMARK SECURITY AGREEMENT

**Grantor: Organogenesis, Inc.**

**Trademarks**

COUNTRY	TRADEMARK	APP. NO.	APP. DATE	REG. NO.	REG. DATE	CLASS	STATUS
USA	GINTUIT	85556369	29-FEB-2012	4463271	07-JAN-2014	5	Registered
USA	PURAPLY	86512814	23-JAN-2015	4942534	19-APR-2016	5	Registered
USA	DERMAGRAFT	74530123	26-MAY-1994	1934437	07-NOV-1995	10	Registered (Supplemental Register)
USA	Design Only 	77663209	04-FEB-2009	3861562	12-OCT-2010	5	Registered
USA	DERMAGRAFT	86912511	18-FEB-2016	5194057	02-MAY-2017	5	Registered

**Grantor: Prime Merger Sub, LLC**

Country	Trademark	App. No.	App. Date	Reg. No.	Reg. Date	Class	Status
USA	AFFINITY	86193093	13-FEB-2014	4672985	13-JAN-2015	5	Registered
USA	ALLOFRESH	86568630	18-MAR-2015	5166962	21-MAR-2017	39	Registered
USA	NUCEL	77658898	28-JAN-2009	3850898	21-SEPT-2010	5	Registered
USA	NUSHIELD	87078430	21-JUN-2016	5133021	31-JAN-2017	5	Registered
USA	NUTECH	77614657	14-NOV-2008	3830069	10-AUG-2010	35	Registered
USA	NUTECH MEDICAL	77614717	14-NOV-2008	3830070	10-AUG-2010	35	Registered
USA	NUTECH SOLUTIONS FOR LIFE	85771787	05-NOV-2012	4334979	14-MAY-2013	35	Registered
USA	RENU	85730983	17-SEPT-2012	4795558	18-AUG-2015	5	Registered

SCHEDULE II TO  
TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENT

Patents

Schedule A to PATENT SECURITY AGREEMENT

**Patents**

COUNTRY	PRODUCT	PATENT TITLE	FILING DATE	APPLICATION NUMBER	ISSUE DATE	PATENT NUMBER
USA	PuraPly/ PuraPly AM/ FortaFlex	Chemical Treatment, Without Detergents or Enzymes, Of Tissue to Form an Acellular, Collagenous Matrix	5/8/1997	08/853,372	11/30/1999	5,993,844
USA	Other	◆ Cells or tissues with increased protein factors and methods of making and using same	1/29/1998	09/137,567	9/18/2001	6,291,240
USA	Other	Method for Treating a Patient Using a Cultured Connective Tissue Construct	9/18/2000	09/955,414	10/6/2009	7,597,712
USA	Other	◆ Container for shipping and storing frozen products	5/2/2001	09/847,902	5/7/2002	6,381,981
USA	Other/ Electro-spinning	* Electroprocessed Collagen and Tissue Engineering	5/28/2003	10/447,670	11/10/2009	7,615,373
USA	Other	Method for Preparing Engineered Tissue	7/16/2003	10/522,010	4/21/2009	7,521,231
USA	Other	◆ Methods for using a three-dimensional stromal tissue to promote angiogenesis	4/8/2009	12/420,716	3/6/2012	◇ 8,128,924
USA	Other	Oral Tissue Regeneration and Repair	3/5/2007	12/282326	N/A	N/A
USA	VCT	Bioengineered Tissue Constructs and Methods for Producing and Using Thereof	10/31/2007	11/932,052	N/A	N/A
USA	VCT	Bioengineered Tissue Constructs and Methods for Production and Use	11/26/2008	12/324,367	N/A	N/A
USA	VCT	Bioengineered Tissue Constructs and Methods for Producing and Using Thereof	1/14/2011	13/007,250	N/A	N/A

◆ acquired from Shire Regenerative Medicine

\* co-owned with Virginia Commonwealth University with indivisible half interest; license terminated July 15, 2011

◇ a formal patent assignment from Theregen to Shire to complete the chain of title to Organogenesis is in progress

2101115.3

SCHEDULE A-1

<u>Patent</u>	<u>Patent Number</u>	<u>Filing Date</u>	<u>Patent Date</u>
Electroprocessed Collagen and Tissue Engineering	8,586,345	3/21/2011	11/19/2013

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5013783

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
ORGANOGENESIS INC.	06/07/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	SILICON VALLEY BANK
<b>Street Address:</b>	275 GROVE STREET
<b>Internal Address:</b>	SUITE 2-200
<b>City:</b>	NEWTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	10016

**PROPERTY NUMBERS Total: 64**

Property Type	Number
Patent Number:	4837379
Patent Number:	5106949
Patent Number:	5256418
Patent Number:	5374515
Patent Number:	5378469
Patent Number:	5460962
Patent Number:	5518878
Patent Number:	5536656
Patent Number:	5689961
Patent Number:	5712163
Patent Number:	5718012
Patent Number:	5733337
Patent Number:	5766937
Patent Number:	5891617
Patent Number:	5964096
Patent Number:	5993844
Patent Number:	5997896
Patent Number:	6167710
Patent Number:	6228607

TRADEMARK



Property Type	Number
Patent Number:	6334872
Patent Number:	6347525
Patent Number:	6381981
Patent Number:	6394812
Patent Number:	6572650
Patent Number:	6592794
Patent Number:	6599690
Patent Number:	6699716
Patent Number:	6730510
Patent Number:	6759245
Patent Number:	6855542
Patent Number:	6890351
Patent Number:	6893653
Patent Number:	6978815
Patent Number:	6986735
Patent Number:	7025916
Patent Number:	7041131
Patent Number:	7060103
Patent Number:	7121999
Patent Number:	7157278
Patent Number:	7169607
Patent Number:	7214242
Patent Number:	7348176
Patent Number:	7521231
Patent Number:	7597712
Patent Number:	7615373
Patent Number:	7824913
Patent Number:	7906322
Patent Number:	8128924
Patent Number:	9782515
Patent Number:	7909886
Application Number:	11130018
Application Number:	11608542
Application Number:	11761893
Application Number:	11932052
Application Number:	12324367
Application Number:	12097132
Application Number:	10367486

**TRADEMARK**

Property Type	Number
Application Number:	11104692
Application Number:	11285942
Application Number:	11677448
Application Number:	13007250
Application Number:	13155058
Application Number:	13165101
Application Number:	15698172

**CORRESPONDENCE DATA**

**Fax Number:** (800)494-7512

*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:** 202-370-4756

**Email:** ipteam@cogencyglobal.com

**Correspondent Name:** JAY DASILVA

**Address Line 1:** 1025 VERMONT AVE NW, SUITE 1130

**Address Line 2:** COGENCY GLOBAL INC.

**Address Line 4:** WASHINGTON, D.C. 20005

**ATTORNEY DOCKET NUMBER:** F177448 PAT ORGANOGENESIS

**NAME OF SUBMITTER:** LISA COBBETT

**SIGNATURE:** /Lisa Cobbett/

**DATE SIGNED:** 06/19/2018

**Total Attachments: 10**

source=2018 Patent Security Agreement (Organogenesis)#page2.tif  
source=2018 Patent Security Agreement (Organogenesis)#page3.tif  
source=2018 Patent Security Agreement (Organogenesis)#page4.tif  
source=2018 Patent Security Agreement (Organogenesis)#page5.tif  
source=2018 Patent Security Agreement (Organogenesis)#page6.tif  
source=2018 Patent Security Agreement (Organogenesis)#page7.tif  
source=2018 Patent Security Agreement (Organogenesis)#page8.tif  
source=2018 Patent Security Agreement (Organogenesis)#page9.tif  
source=2018 Patent Security Agreement (Organogenesis)#page10.tif  
source=2018 Patent Security Agreement (Organogenesis)#page11.tif

Schedule A to PATENT SECURITY AGREEMENT

Issued Patents

	<u>Patent</u>	<u>Owner</u>	<u>Patent Number</u>	<u>Filing Date</u>	<u>Issue Date</u>
1.	Fibrin-collagen tissue equivalents and methods for preparation thereof	Organogenesis Inc.	4837379	6/2/1988	6/6/1989
2.	Collagen compositions and methods for preparation thereof	Organogenesis Inc.	5106949	9/15/1989	4/21/1992
3.	Collagen constructs	Organogenesis Inc.	5256418	04/06/1990	10/26/1993
4.	In vitro cornea equivalent model	Organogenesis Inc.	5374515	11/13/1992	12/20/1994
5.	Collagen threads	Organogenesis Inc.	5378469	10/07/1991	01/03/1995
6.	Peracetic acid sterilization of collagen or collagenous tissue	Organogenesis Inc.	5460962	01/04/1994	10/24/1995
7.	Cryopreservation of cultured skin or cornea equivalents with agitation	Organogenesis Inc.	5518878	09/15/1993	05/21/1996
8.	Preparation of tissue equivalents by contraction of a collagen gel	Organogenesis Inc.	5536656	02/09/1994	07/16/1996
9.	Ice seeding apparatus for cryopreservation systems	Organogenesis Inc.	5689961	01/30/1996	11/25/1997
10.	Chemically defined cell culture media and system and methods for use	Organogenesis Inc.	5712163	03/28/1995	01/27/1998
11.	Method of strength enhancement of collagen constructs	Organogenesis Inc.	5718012	05/28/1996	02/17/1998
12.	Tissue repair fabric	Organogenesis Inc.	5733337	04/07/1995	03/31/1998

	<u>Patent</u>	<u>Owner</u>	<u>Patent Number</u>	<u>Filing Date</u>	<u>Issue Date</u>
13.	Culture vessel and assembly	Organogenesis Inc.	5766937	02/15/1996	06/16/1998
14.	Cryopreservation of harvested skin and cultured skin or cornea	Organogenesis Inc.	5891617	01/30/1995	04/06/1999
15.	Method and package design for cryopreservation and storage of cultured tissue equivalents	Organogenesis Inc.	5964096	07/30/1997	10/12/1999
16.	Chemical treatment, without detergents or enzymes, of tissue to form an acellular, collagenous matrix	Organogenesis Inc.	5993844	05/08/1997	11/30/1999
17.	Reconstituted collagen fiber segment compositions and methods of preparation thereof	Organogenesis Inc.	5997896	05/11/1998	12/07/1999
18.	Ice seeding apparatus for cryopreservation systems	Organogenesis Inc.	6167710	12/17/1998	01/02/2001
19.	Bioreactor	Organogenesis Inc.	6228607	02/25/1998	05/08/2001
20.	Method for treating diseased or damaged organs	Organogenesis Inc.	6334872	07/07/1997	01/01/2002
21.	Ice seeding apparatus for cryopreservation systems	Organogenesis Inc.	6347525	01/02/2001	02/19/2002
22.	Container for shipping and storing frozen products	Organogenesis Inc.	6381981	05/02/2001	05/07/2002
23.	Vivo induction for enhanced function of isolated hepatocytes	Organogenesis Inc.	6394812	07/24/2000	05/28/2002
24.	Bioengineered vascular graft support prostheses	Organogenesis Inc.	6572650	06/11/2001	06/03/2003
25.	Process of making bioengineered collagen fibrils	Organogenesis Inc.	6592794	09/28/2000	07/15/2003

	<u>Patent</u>	<u>Owner</u>	<u>Patent Number</u>	<u>Filing Date</u>	<u>Issue Date</u>
26.	Chemical cleaning of biological material	Organogenesis Inc.	6599690	11/30/1999	07/29/2003
27.	In vivo induction for enhanced function of isolated hepatocytes	Organogenesis Inc.	6699716	12/21/2001	03/02/2004
28.	Culture dish and bioreactor system	Organogenesis Inc.	6730510	07/02/2002	05/04/2004
29.	Cell culture systems and methods for organ assist devices	Organogenesis Inc.	6759245	06/21/2000	07/06/2004
30.	Chamber with adjustable volume for cell culture and organ assist	Organogenesis Inc.	6855542	12/19/2002	02/15/2005
31.	Method for treating diseased or damaged organs	Organogenesis Inc.	6890351	09/07/2001	05/10/2005
32.	Chemical cleaning of biological material	Organogenesis Inc.	6893653	07/08/2003	05/17/2005
33.	System and method for forming bioengineered tubular graft prostheses	Organogenesis Inc.	6978815	12/19/2002	12/27/2005
34.	Method of making a bioremodelable vascular graft prosthesis	Organogenesis Inc.	6986735	03/03/2003	01/17/2006
35.	Process of making bioengineered collagen fibrils	Organogenesis Inc.	7025916	05/28/2003	04/11/2006
36.	Bioengineered vascular graft support prostheses	Organogenesis Inc.	7041131	04/11/2003	05/09/2006
37.	Tissue repair fabric	Organogenesis Inc.	7060103	02/28/2003	06/13/2006
38.	Method of preparing layered graft prostheses	Organogenesis Inc.	7121999	03/03/2003	10/17/2006

	<u>Patent</u>	<u>Owner</u>	<u>Patent Number</u>	<u>Filing Date</u>	<u>Issue Date</u>
39.	Cultured cells from pancreatic islets	Organogenesis Inc.	7157278	12/04/2002	01/02/2007
40.	In vivo induction for enhanced function of isolated hepatocytes	Organogenesis Inc.	7169607	06/27/2003	01/30/2007
41.	Bioengineered tubular graft prostheses	Organogenesis Inc.	7214242	03/03/2003	05/08/2007
42.	Chamber with adjustable volume for cell culture and organ assist	Organogenesis Inc.	7348176	02/14/2005	03/25/2008
43.	Method for preparing engineered tissue	Organogenesis Inc.	7521231	07/16/2003	04/21/2009
44.	Method for treating a patient using a cultured connective tissue construct	Organogenesis Inc.	7597712	09/18/2001	10/06/2009
45.	Electroprocessed collagen and tissue engineering	Organogenesis Inc.	7615373	05/28/2003	11/10/2009
46.	Bioengineered tissue constructs and methods for producing and using thereof	Organogenesis Inc.	7824913	03/13/2000	11/02/2010
47.	Method and apparatus for inducing controlled mechanical constraints in a tissue construct	Organogenesis Inc.	7906322	06/15/2004	03/15/2011
48.	Three-dimensional stromal tissue	Organogenesis Inc.	8128924	04/08/2009	03/06/2012
49.	Oral tissue regeneration and repair	Organogenesis Inc.	9782515	03/05/2007	10/10/2017
50.	Tissue repair fabric	Organogenesis Inc.	7909886	03/24/2006	03/22/2011

Pending Patent Applications

	<u>Patent</u>	<u>Owner</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Issue Date</u>
1.	Chemical cleaning of biological material	Organogenesis Inc.	11/130018	05/16/2005	--
2.	Culture cells from pancreatic islets	Organogenesis Inc.	11/608542	12/08/2006	--
3.	Skin care compositions and treatments	Organogenesis Inc.	11/761893	06/12/2007	--
4.	Bioengineered tissue constructs and methods for producing and using thereof	Organogenesis Inc.	11/932052	10/31/2007	--
5.	Bioengineered tissue constructs and methods for production and use	Organogenesis Inc.	12/324367	11/26/2008	--
6.	Skin care compositions and treatments	Organogenesis Inc.	12/097132	12/14/2006	--
7.	Tissue equivalents with perforations for improved integration to host tissues and methods for producing perforated tissue	Organogenesis Inc.	10/367486	02/14/2003	--

	<u>Patent</u>	<u>Owner</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Issue Date</u>
8.	Method for treating diseased or damaged organs	Organogenesis Inc.	11/104692	04/12/2005	--
9.	Bioengineered vascular graft prostheses	Organogenesis Inc.	11/285942	11/23/2005	--
10.	Methods for treating a patient using a bioengineered flat sheet graft prostheses	Organogenesis Inc.	11/677448	02/21/2007	--
11.	Bioengineered tissue constructs and methods for producing and using thereof	Organogenesis Inc.	13/007250	01/14/2011	--
12.	Skin care compositions and treatments	Organogenesis Inc.	13/155058	06/07/2011	--
13.	Antimicrobial collagenous constructs	Organogenesis Inc.	13/165101	06/21/2011	--
14.	Oral tissue regeneration and repair	Organogenesis Inc.	15/698,172	09/07/2017	

2323083.3



Schedule A to PATENT SECURITY AGREEMENT

**Grantor: Organogenesis, Inc.**

**Patents**

COUNTRY	PRODUCT	PATENT TITLE	FILING DATE	APPLICATION NUMBER	ISSUE DATE	PATENT NUMBER
USA	Other	Container for shipping and storing frozen products ♦	5/2/2001	09/847,902	5/7/2002	6,381,981
USA	Gintuit	Oral Tissue Regeneration and Repair	9/9/2008	12/282,326	10/10/2017	9,782,515
USA	Other	Methods for using a three-dimensional stromal tissue to promote angiogenesis ♦	4/8/2009	12/420,716	3/6/2012	8,128,924 ◊
USA	Other	Osteoconductive Implants and Methods of Using Same *	1/25/2013	13/750,212	1/10/2017	9,539,104
USA	Other	Osteoconductive Implants and Methods of Using Same *	1/25/2013	13/750,238	11/8/2016	9,486,316
USA	Other	Placental Membrane Preparation and Methods of Making and Using Same *	1/30/2013	13/754,742	4/11/2017	9,616,093
USA	Other	Multipotent Prenatal Stem Cells *	9/26/2013	14/038,274	7/11/2017	9,700,585
USA	Other	Preparations Containing Hepatocyte Growth Factor and Hyaluronic Acid and Methods of Making and Using Same *	3/14/2014	14/211,929	12/6/2016	9,511,119

♦ acquired from Shire Regenerative Medicine

\* co-owned with Virginia Commonwealth University with indivisible half interest; license terminated July 15, 2011

◊ a formal patent assignment from Theregen to Shire to complete the chain of title to Organogenesis is in progress

**Grantor: Prime Merger Sub, LLC**

**Patents**

COUNTRY	PRODUCT	PATENT TITLE	FILING DATE	APPLICATION NUMBER	ISSUE DATE	PATENT NUMBER
None.						