PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4618276

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
GENERAL ELECTRIC CAPITAL CORPORATION	03/16/2012

RECEIVING PARTY DATA

Name:	TEPHA, INC.	
Street Address:	99 HAYDEN AVENUE	
Internal Address:	SUITE 360	
City:	LEXINGTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02421	

PROPERTY NUMBERS Total: 27

Property Type	Number
Patent Number:	6495152
Patent Number:	6514515
Patent Number:	6555123
Patent Number:	6585994
Patent Number:	6592892
Patent Number:	6623730
Patent Number:	6746685
Patent Number:	7025980
Patent Number:	7618448
Patent Number:	7641825
Patent Number:	8039237
Patent Number:	8034270
Application Number:	10886851
Application Number:	11342172
Application Number:	10568649
Application Number:	11485857
Application Number:	11671544
Patent Number:	8016883
Patent Number:	7943683

PATENT REEL: 043731 FRAME: 0714

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Property Type	Number
Patent Number:	9592325
Patent Number:	8979921
Patent Number:	8287909
Application Number:	12207911
Patent Number:	9216152
Application Number:	12472219
Patent Number:	8084125
Application Number:	61318014

CORRESPONDENCE DATA

Fax Number: (617)897-0910

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: 617-310-6210
Email: moodye@gtlaw.com
Correspondent Name: ERIN MOODY, ESQ.

Address Line 1: ONE INTERNATIONAL PLACE
Address Line 2: GREENBERG TRAURIG, LLP

Address Line 4: BOSTON, MASSACHUSETTS 02110

NAME OF SUBMITTER:	ERIN MOODY	
SIGNATURE:	/Erin Moody/	
DATE SIGNED:	09/28/2017	

Total Attachments: 7

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RELEASE OF SECURITY INTEREST IN TRADEMARKS AND PATENTS

THIS RELEASE OF SECURITY INTEREST IN TRADEMARKS AND PATENTS (this "Release") is made as of March 16,2012 ("Effective Date") by GENERAL ELECTRIC CAPITAL CORPORATION, in its capacity as Agent for the Lenders ("Grantee"), in favor of TEPHA, INC. ("Grantor").

WHEREAS, pursuant to the terms and conditions of that certain Intellectual Property Security Agreement, dated as of June 18, 2010 (the "IP Security Agreement"), Grantor assigned, transferred and conveyed to Grantee, and granted to Grantee, a security interest in all of Grantor's right, title and interest in and to the Intellectual Property Collateral;

WHEREAS, the IP Security Agreement was recorded with the United States Patent and Trademark Office with respect to trademarks on June 22, 2010 at Reel 004229, Frame 0771 and with respect to patents on June 28, 2010 at Reel 024599, Frame 0544;

WHEREAS, pursuant to the terms and conditions of that certain payoff letter, dated as of March 16, 2012, by and among Grantee and Grantor, Grantee has consented to the release of the Lien on the Intellectual Property Collateral, including, without limitation, all Intellectual Property Collateral listed on <u>Schedules 1</u> and <u>2</u> hereto; and

WHEREAS, Grantee desires to release its Lien in the Intellectual Property Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantee hereby covenants and agrees as follows:

- 1. Grantee's Lien in the Intellectual Property Collateral granted pursuant to the IP Security Agreement is hereby terminated and released.
- 2. To the extent Grantee retains any such interest, Grantee hereby assigns, transfers and conveys to Grantor, all of Grantee's right, title and interest, now owned or hereinafter acquired, that it may have whether by assignment or otherwise, in and to any mortgage and continuing security interest and collateral assignment in the Intellectual Property Collateral. Such assignment, transfer and conveyance by Grantee is made without any representation or warranty (express or implied) by Grantee.
- 3. Grantee hereby agrees to execute, acknowledge and deliver all such further instruments and to take all such further actions as may be reasonably requested or are required in order to more fully and effectively carry out the purposes of this Release, all at the expense of Grantor.
- 4. Capitalized terms used but not otherwise defined herein shall have the meanings given to such terms in the IP Security Agreement.

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IN WITNESS WHEREOF, Grantee has caused this Release to be executed by its duly authorized representative as of the Effective Date.

GENERAL ELECTRIC CAPITAL CORPORATION, as Grantee

Name: Alan M. Silbert

Title: Duly Authorized Signatory

TEPHA, INC. RELEASE OF SECURITY INTEREST IN TRADEMARKS AND PATENTS SIGNATURE PAGE

Schedule 1: Patents

US PATENTS

- 1. US Patent No. 6,495,152 "Sulfur containing polyhydroxyalkanoate compositions and method of production" by Steinbüchel, Lütke-Eversloh, and Ewering, issued December 17, 2002. (Jointly owned with Metabolix.)
- 2. US Patent No. 6,514,515 "Bioabsorbable, biocompatible polymers for tissue engineering" by Williams, issued February 4, 2003.
- 3. US Patent No. 6,555,123 "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation, and viscosupplementation, by Williams and Martin, issued April 29, 2003.
- 4. US Patent no. 6,585,994 "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation, and viscosupplementation, by Williams and Martin, issued July 1, 2003.
- 5. US Patent No. 6,592,892"Flushable disposable polymeric products" by Williams, issued July 15, 2003.
- 6. US Patent No. 6,623,730 "Therapeutic uses of polymers and oligomers comprising gamma-hydroxybutyrate" by Williams and Martin, issued September 23, 2003. (Jointly owned with Metabolix.)
- 7. US Patent No. 6,746,685 "Bioabsorbable, biocompatible polymers for tissue engineering" by Williams, issued June 8, 2004.
- 8. US Patent No. 7,025,980 "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation, and viscosupplementation" by Williams and Martin, issued April 11, 2006.
- 9. US Patent No. 7,618,448 B2 "Polymeric, degradable drug-eluting stents and coatings" by Schmitz, Behrend, Sternberg, Grabow, Martin, and Williams, issued November 17, 2009. (Subject to Assignment Agreement with University of Rostock.)
- 10. US Patent No. 7,641,825 "Method of making a polyhydroxyalkanoate filament" by Rizk, issued January 5, 2010. (U.S. Government has rights to this patent.)

US PATENT APPLICATIONS

- 1. US Pub. App. No. 20030211131 "Bioabsorbable polymer containing 2-hydroxyacid monomers" by Martin and Skraly, published November 13, 2003. (Jointly owned with Metabolix.)
- 2. US Pub. App. No. 20040234576 "Polyhydroxyalkanoate medical textiles and fibers" by Martin, Rizk, Ahuja, and Williams, published November 25, 2004.
- 3. US Pub. App. No. 20050025809 "Poly-4-hydroxybutyrate matrices for sustained drug delivery" by Hasirci and Keskin, published February 3, 2005.
- 4. US Pat. App. No. 20060058470 "Non-curling polyhydroxyalkanoates sutures" by Rizk, published March 16, 2006.
- 5. US Pub. App. No. 20060177513 "Embolization using poly-4-hydroxybutyrate particles" by Martin, Crabtree, and Williams, published August 10, 2006.
- 6. US Pat. App. No. 20060287659 "Polyhydroxyalkanoate nerve regeneration devices" by Terenghi, Mohanna, and Martin, published December 21, 2006.
- 7. US Pat. App. No. 20070166387 "Hemostatic compositions, assemblies, systems, and methods employing particulate hemostatic agents formed from chitosan and including a

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- polymer mesh material of poly-4-hydroxybutyrate" by Ahuja, Martin and McCarthy, published July 19, 2007.
- 8. US Pat. App. No. 20070182041 "Toughened polylactic acid polymers and copolymers" by Rizk, Martin, Ho, Ganatra, and Williams, published August 9, 2007.
- 9. US Pat. App. No. 20070185561 "Polymeric, degradable drug-eluting stents and coatings" by Schmitz, Behrend, Sternberg, Grabow, Martin and Williams, published August 9, 2007.
- 10. US Pat. App. No. 20070198087 "Methods and devices for rotator cuff repair" by Coleman, Martin, Rizk, Ahuja, and Williams, published August 23, 2007.
- 11. US Pat. App. No. 20080132602 "Medical devices containing oriented films of poly-4-hydroxybutyrate and copolymers" by Rizk, Martin, Ho, and Williams, published June 5, 2008.
- 12. US Pat. App. No. 20090012604 "Polymeric, degradable drug-eluting stents and coatings" by Schmitz, Behrend, Sternberg, Grabow, Martin and Williams, published January 8, 2009.
- 13. US Pat. App. No. 20090093872 "Polymeric, degradable drug-eluting stents and coatings" by Schmitz, Behrend, Sternberg, Grabow, Martin and Williams, published April 9, 2009.
- 14. US Pat. App. No. 20090162276 "Medical devices containing melt-blown non-wovens of poly-R-hydroxybutyrate and copolymers" by Ho, Williams, Rizk and Martin, published July 9, 2009.
- 15. US Pat. App. No. 20090209983 "Polyhydroxyalkanoate nerve regeneration devices" by Terenghi, Mohanna, and Martin, published August 20, 2009.
- 16. US Pat. App. No. 20100003300 "Injectable delivery of microparticles and compositions therefore" by Markland, Winchester, Tice, and Martin, published December 30, 2009. (This is a joint patent application with Surmodics Pharmaceuticals, Inc.)
- 17. US Pat. App. No. 20100057123 "Recombinant expressed bioadsorbable polyhydroxyalkanoate monofilament and multi-filament self-retaining sutures" by D'Agostino and Rizk, published March 4, 2010.
- 18. US Pat. App. No. 20100093237 "Non-curling polyhydroxyalkanoates sutures" by Rizk, published April 15, 2010.
- 19. U.S.S.N. 61/318,014 U.S. Provisional Application "Coatings for the manufacture and application of polyhydroxyalkanoate medical devices" by Martin, Rizk, Montcrieff and Connelly. Filed March 26, 2010 and April 19, 2010. Not published.

PCT PATENT APPLICATIONS

- 1. $\underline{WO~2000/051662}$ "Bioabsorbable, biocompatible polymers for tissue engineering" by Williams, published September 8, 2000
- 2. (WO 2001/015671) "Flushable disposable polymeric products" by Williams, published March 8, 2001.
- 3. (WO 2001/019361) "Therapeutic uses of polymers and oligomers comprising gamma-hydroxybutyrate" by Williams and Martin, published March 22, 2001. (Jointly owned with Metabolix.)

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- 4. (WO 2001/019422) "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation, and viscosupplementation, by Williams and Martin, published March 22, 2001.
- 5. (WO 2002/016627) "Sulfur containing polyhydroxyalkanoate compositions and method of production" by Steinbüchel, Lütke-Eversloh, and Ewering, published February 28, 2002. (Jointly owned with Metabolix.)
- 6. (WO 2004/038030) "Bioabsorbable polymer containing 2-hydroxyacid monomers" by Martin and Skraly, published May 6, 2004. (Jointly owned with Metabolix.)
- 7. (WO 2004/101002) "Polyhydroxyalkanoate medical textiles and fibers" by Martin, Rizk, Ahuja, and Williams, published November 25, 2004.
- 8. (WO 2005/007195) "Poly-4-hydroxybutyrate matrices for sustained drug delivery" by Hasirci and Keskin, published January 27, 2005.
- 9. (WO 2005/020825) "Polyhydroxyalkanoate nerve regeneration devices" by Terenghi, Mohanna, and Martin, published March 10, 2005.
- 10. (WO 2006/015276) "Non-curling polyhydroxyalkanoates sutures" by Rizk, published February 9, 2006.
- 11. (WO 2006/081517) "Embolization using poly-4-hydroxybutyrate particles" by Martin, Crabtree, and Williams, published August 3, 2006.
- 12. (WO 2007/009090) "Hemostatic compositions, assemblies, systems, and methods employing particulate hemostatic agents formed from chitosan and including a polymer mesh material of poly-4-hydroxybutyrate" by Ahuja, Martin and McCarthy, published January 18, 2007.
- 13. (WO 2007/092417) "Toughened polylactic acid polymers and copolymers" by Rizk, Martin, Ho, Ganatra, and Williams, published August 16, 2007.
- 14. (WO 2007/092418) "Polymeric, degradable drug-eluting stents and coatings" by Schmitz, Behrend, Sternberg, Grabow, Martin and Williams, published August 16, 2007.
- 15. (WO 2007/092464) "Methods and devices for rotator cuff repair" by Coleman, Martin, Rizk, Ahuja, and Williams, published August 16, 2007.
- 16. (WO 2008/070428) "Medical devices containing oriented films of poly-4-hydroxybutyrate and copolymers" by Rizk, Martin, Ho, and Williams, published June 12, 2008.
- 17. (WO 2009/085823) "Medical devices containing melt-blown non-wovens of poly-R-hydroxybutyrate and copolymers" by Ho, Williams, Rizk and Martin, published July 9, 2009.
- 18. (WO 2009/158724) Improved Injectable delivery of microparticles and compositions therefore" by Markland, Winchester, Tice, and Martin, published December 30, 2009. (This is a joint patent application with Surmodics Pharmaceuticals, Inc.)
- 19. (WO 2010/017014) "Polymeric, degradable drug-eluting stents and coatings" by Schmitz, Behrend, Sternberg, Grabow, Martin and Williams, published February 11, 2010.

FOREIGN PATENTS

- 1. EP 1 212 052 B1 "Therapeutic uses of polymers and oligomers comprising gammahydroxybutyrate" by Williams and Martin, issued April 13, 2005. (Jointly owned with Metabolix.)
- 2. EP 1 216 067 B1 "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation and viscosupplementation" by Williams and Martin, issued April 19, 2006.
- 3. Australian Patent No. 780953 "Flushable disposable polymeric products" by Williams, issued April 28, 2005.
- 4. Australian Patent No. 781201 "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation, and viscosupplementation" by Williams and Martin, issued May 12, 2005.
- 5. Australian Patent No. 783104 "Therapeutic uses of polymers and oligomers comprising gamma-hydroxybutyrate" by Williams and Martin, issued January 5, 2006. (Jointly owned with Metabolix.)
- 6. Australian Patent No. 2004238229 "Polyhydroxyalkanoate medical textiles and fibers" by Rizk, Ahuja, Williams and Martin, issued October 25, 2007.
- 7. Australian Patent No. 2004242432 "Bioabsorbable, biocompatible polymers for tissue engineering" by Williams, issued October 18, 2007.
- 8. Australian Patent No. 2004257701 "Poly-4-hydroxybutyrate matrices for sustained drug delivery" by Hasirci and Keskin, issued January 4, 2008.
- 9. Canadian Patent No. 2,382,599 "Flushable disposable polymeric products" by Williams, issued November 11, 2005.
- 10. Canadian Patent No. 2,383,011 "Therapeutic uses of polymers and oligomers comprising gamma-hydroxybutyrate" by Williams and Martin, issued July 22, 2008.
- 11. Canadian Patent No. 2,531,833 ""Poly-4-hydroxybutyrate matrices for sustained drug delivery" by Hasirci and Keskin, issued October 20, 2009.
- 12. Australian Patent No. 2004268560 "Polyhydroxyalkanoate nerve regeneration devices" by Mohanna, Terenghi, and Martin, issued December 4, 2008.
- 13. Canadian Patent No. 2,383,054 "Polyhydroxyalkanoate compositions for soft tissue repair, augmentation, and viscosupplementation" by Williams and Martin, issued December 8, 2009.

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Schedule 2: Trademarks

Mark: TEPHA

CountryRegistration NumberRegistration DateUSA2,493,3409/25/01European Community0020971375/27/05

Mark: TEPHAFLEX

CountryRegistration NumberRegistration DateUSA2,925,3672/8/05European Community00397887111/8/07

Mark: TEPHELAST

CountryRegistration NumberRegistration DateUSA3,069,1603/14/06European Community0039784187/27/07

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RECORDED: 09/28/2017