

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4249210

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ST. JUDE MEDICAL COORDINATION CENTER BVBA	01/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TERUMO EUROPE N.V.
<b>Street Address:</b>	RESEARCHPART HAASRODE 1520, INTERLEUVENLAAN 40
<b>City:</b>	LEUVEN
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	B-3001
<b>PROPERTY NUMBERS Total: 14</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6425911
Patent Number:	6508828
Patent Number:	6596012
Patent Number:	6712837
Patent Number:	6929655
Patent Number:	8802124
Patent Number:	7044916
Patent Number:	9101340
Patent Number:	8652166
Application Number:	14154900
Patent Number:	8308762
Patent Number:	7931671
Application Number:	13076998
Patent Number:	6786915
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)672-5399
<i>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.</i>	
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**Correspondent Name:** FOLEY & LARDNER LLP  
**Address Line 1:** 3000 K STREET NW  
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**ATTORNEY DOCKET NUMBER:** 030481-0581

**NAME OF SUBMITTER:** EFFIE HALE FOR GLENN LAW

**SIGNATURE:** /Effie Hale/

**DATE SIGNED:** 01/30/2017

**Total Attachments: 5**

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**ASSIGNMENT**

THIS PATENT ASSIGNMENT (this "Assignment") is made and entered into as of January 20, 2017 by and between St. Jude Medical Coordination Center BVBA, a Belgian limited liability company ("Assignor") and Terumo Europe N.V., a Belgian limited liability company ("Assignee").

WHEREAS, Assignor has agreed to assign and transfer to Assignee and Assignee has agreed to acquire and accept from Assignor the patent applications and patents set forth on Schedule A (the "Assignor Patents"), effective as of the Effective Date, upon the terms and subject to the conditions set forth in this Assignment.

NOW, THEREFORE, in consideration of the premises, mutual covenants, agreements and provisions herein contained, and intending to be legally bound, the Parties hereto agree as follows:

1. Assignment. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor hereby assigns, transfers and conveys unto Assignee, and Assignee hereby accepts, Assignor's whole and entire right, title and interest in and to the Assignor Patents and all inventions claimed therein.

2. Enjoyment. The patents and patent applications subject to Section 1 shall be held and enjoyed by Assignee, for Assignee's use and benefit, and for Assignee's legal representatives and assigns, to the full end of the term or terms for which same may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and transfer not been made.

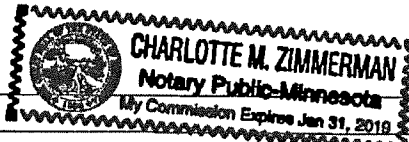
3. Further Documents. Each of the parties to this Assignment shall, at any time or from time to time, and shall cause their respective affiliates to, execute and deliver such other assurances, documents and instruments, provide such materials and information and take such other actions as may reasonably be necessary, proper or advisable, to the extent permitted by law, to fulfill its obligations under this Assignment.

(Signature page follows)

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed by their respective duly authorized representatives as of the date first above written.

ST. JUDE MEDICAL COORDINATION  
CENTER BVBA

By: *Chad Kurth*  
Name: Chad Kurth  
Title: Authorized Representative

Signed and attested before me on \_\_\_\_\_ by Chad Kurth  
  
Signature: *Charlotte M. Zimmerman*

TERUMO EUROPE N.V.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: Authorized Representative

Signed and attested before me on \_\_\_\_\_ by \_\_\_\_\_  
\_\_\_\_\_  
Signature: \_\_\_\_\_  
\_\_\_\_\_

**Witness**

Name: \_\_\_\_\_ Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Signature: \_\_\_\_\_

IN WITNESS WHEREOF, each of the parties hereto has executed this Assignment, or has caused this Assignment to be executed on its behalf by a representative duly authorized, all as of the date first above set forth.


ST. JUDE MEDICAL COORDINATION  
CENTER BVBA

By: \_\_\_\_\_  
Name:  
Title: Authorized Representative

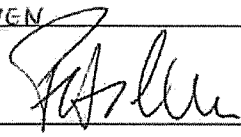
Signed and attested before me on \_\_\_\_\_ by \_\_\_\_\_

Signature: \_\_\_\_\_

TERUMO EUROPE N.V.

By:   
Name: KYO NISHIKAWA  
Title: Authorized Representative

Signed and attested before me on 16 January 2011 by PETER COENEN


Signature: 

**Witness**

Name: JESSICA BOUCHAT

Name: FRANS CLAEYS

Signature: 

Signature: 

**SCHEDULE A**

**Assignor Patents**

**FemoSeal on Product Issued**

Patent Number	Title	Original Expiration Date*	Entity
US 6,425,911	Positioning Device and Incision Closure Device	May 25, 2021	St. Jude Medical Coordination Center BVBA
US 6,508,828	Sealing Device and Wound Closure Device	November 3, 2020	St. Jude Medical Coordination Center BVBA
US 6,596,012	Intra-Arterial Occluder	April 18, 2021	St. Jude Medical Coordination Center BVBA
US 6,712,837	Guiding Tool for Wound Closure Element	May 2, 2022	St. Jude Medical Coordination Center BVBA
US 6,929,655	Tamping Mechanism	June 14, 2022	St. Jude Medical Coordination Center BVBA
EP 1147743	Inter-arterial Occluder	April 19, 2020	St. Jude Medical Coordination Center BVBA
EP 1169968	Sealing and Wound Closure Device	November 3, 2020	St. Jude Medical Coordination Center BVBA
EP 1254634	Guiding Tool for Wound Closure Element	May 3, 2021	St. Jude Medical Coordination Center BVBA
EP 1266626	Tamping Mechanism	June 15, 2021	St. Jude Medical Coordination Center BVBA
EP 1269919	Artery Puncture Sealing Device	May 9, 2021	St. Jude Medical Coordination Center BVBA
EP 1413255	Absorbable Surgical Sealing Device	October 25, 2022	St. Jude Medical Coordination Center BVBA
EP 1440661	Closure Device	January 12, 2024	St. Jude Medical Coordination Center BVBA
EP 1543781	Suture Securing Device	December 7, 2024	St. Jude Medical Coordination Center BVBA

\* Expiration date does not include any Patent Term Adjustment or Terminal Disclaimers

**FemoSeal Related**

Publication / Patent Number	Title	Publication / Issue Date	Original Expiration Date*	Entity
US 6,786,915	Reinforced Absorbable Medical Sealing Device	September 7, 2004	April 18, 2021	St. Jude Medical Coordination Center BVBA

EP 1501421	September 20, 2006	St. Jude Medical Coordination Center BVBA
US 8,802,124	August 12, 2014	St. Jude Medical Coordination Center BVBA
US 7,044,916	May 16, 2006	St. Jude Medical Coordination Center BVBA
EP 2278924	October 28, 2015	St. Jude Medical Coordination Center BVBA
US 9,101,340	August 11, 2015	St. Jude Medical Coordination Center BVBA
US 8,652,166	February 18, 2014	St. Jude Medical Coordination Center BVBA
US-2014-0128911	May 8, 2014	St. Jude Medical Coordination Center BVBA
AU 2009223926	October 3, 2013	St. Jude Medical Coordination Center BVBA
CR 3202	July 24, 2015	St. Jude Medical Coordination Center BVBA
EP 2173256	April 14, 2010	St. Jude Medical Coordination Center BVBA
JP 5624895	October 3, 2014	St. Jude Medical Coordination Center BVBA
US 8,308,762	November 13, 2012	St. Jude Medical Coordination Center BVBA
US 7,931,671	April 26, 2011	St. Jude Medical Coordination Center BVBA
US-2011-0178548	July 21, 2011	St. Jude Medical Coordination Center BVBA

\* No Patent Term Adjustment or Terminal Disclaimer Considered.