## 504406420 06/09/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
FRIEDHELM BEYERSDORF	06/07/2017
CHRISTIAN KNOEPFLE	06/07/2017
KARL GREINER	06/07/2017
MANFRED SCHMUCK	06/07/2017

### **RECEIVING PARTY DATA**

Name:	STRYKER LEIBINGER GMBH & CO. KG	
Street Address:	BÖTZINGERSTRASSE 41	
City:	FREIBURG	
State/Country:	GERMANY	
Postal Code:	79111	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15461626

### **CORRESPONDENCE DATA**

**Fax Number:** (908)654-7866

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:** (908) 654-5000

**Email:** assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 600 SOUTH AVENUE WEST

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ATTORNEY DOCKET NUMBER:	TRAUMA 3.0F-881	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	06/09/2017	

#### **Total Attachments: 4**

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PATENT 504406420 REEL: 042661 FRAME: 0584

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PATENT REEL: 042661 FRAME: 0585

(by Inventor)

WHEREAS, I Friedhelm Beyersdorf ("Assignor") residing at Huggstetter Strasse 55, Freiburg 79106, Germany, have invented certain new and useful improvements in:

LOAD DISTRIBUTOR FOR A STERNUM CLOSURE DEVICE AND TOOL FOR CUTTING THE LOAD DISTRIBUTOR

("the Invention")	The second of th
[X] for which a patent application was filed on $\frac{3/17/2017}{1}$ , in ("the Application")	n the country of <u>United States</u> Application Number <u>15/461.626</u>
[ ] for which a patent application for the country ofApplication")	was executed by me on ("the
[ ] for which an International Patent Application was filed on the country/region of	
AND WHEREAS, Assignor wishes to assign to STRYKER LED of <u>Germany</u> having an address of: <u>Bötzingerstrasse 41</u> , <u>Freibu</u> acquire, the entire right, title and interest to the Invention and the	irg. D-79111. Germany ("Assignee") and Assignee wishes to
NOW, THEREFORE, for good and valuable consideration, the Assignor hereby sells, assigns, transfers and sets over to Assigned for the United States of America and all other countries, in and continuation, continuation-in-part, substitute or reissue applicated States of America and all other countries for the Invention, in Invention claiming priority or benefit of the Application pursuant reason of past infringement with the right to sue for and collect the legal representatives, and including the right to claim such priority and the Patent Office officials in foreign countries as are duly authorized and requested to issue all patents on said imprentive interest therein; and the Assignor does hereby agree and coriginal, divisional, continuation, continuation-in-part, reissue at assignments thereof to Assignee or its assigns, to communicate undersigned respecting the Invention, whenever requested, to tes Application and any related applications or patents may become to do generally everything necessary to aid Assignee, its success improvements in all countries, the expenses incident to said applications or patents.	e, and Assignee hereby accepts, the entire right, title and interest, to the Invention and the Application and all original, divisional, it is an application and all original, divisional, it is an application and patents applied for or granted therefor in the United actualing without limitation all applications and patents for the act to any law or treaty, and including all claims for damages by ne same for its own use and the use of its successors, assigns and ity or benefit, and the Commissioner of Patents and Trademarks thorized by the respective foreign patent laws to issue patents are rovements or resulting therefrom to Assignee, as assignee of the ovenant without further remuneration, to execute and deliver all all other applications for Letters Patent on the Invention and all ate to Assignee or its representatives all facts known to the tity in any interferences or other legal proceedings in which the involved, to sign all lawful papers, make all rightful oaths, and
Assignor does hereby authorize the attorneys of Assignee and application number of said Application when known.	their assigns to insert on this Assignment the filing date and
ASSIGNAR  By: State Of the Control o	ASSIGNER  By:
WITNESS  By:	WITNESS  By: A LAM Salarer  Printed: ASTAMA SON / E D. NO  Title: The Company of A

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(by Inventor)

WHEREAS, I Christian Knoeofie ("Assignor") residing at Albin-Vogt-Strasse 6 Donaueschingen, 78166, Germany, have invented certain new and useful improvements in:

LOAD DISTRIBUTOR FOR A STERNUM CLOSURE DEVICE AND TOOL FOR CUTTING THE LOAD DISTRIBUTOR ("the Invention") [X] for which a patent application was filed on 3/17/2017, in the country of United States Application Number 15/461.626 ("the Application") [ ] for which a patent application for the country of \_\_\_\_ \_\_\_\_\_ was executed by me on \_\_\_\_ Application") [ ] for which an International Patent Application was filed on \_\_\_\_ ("the Application") the country/region of \_\_\_ AND WHEREAS, Assignor wishes to assign to STRYKER LEIBINGER GMBH & CO. KG, an entity organized under the laws of Germany having an address of: Bötzingerstrasse 41, Freiburg, D-79111, Germany ("Assignee"), and Assignee wishes to acquire, the entire right, title and interest to the Invention and the Application; NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged. Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee. Assignor does hereby authorize the attorneys of Assignee and their assigns to insert on this Assignment the filing date and application number of said Application when known. ASSIGNOR ASSIGNEE By: Printed Date: WITNESS

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(by Inventor)

WHEREAS, I Manfred Schmuck ("Assignor") residing at Winkelett 8, Mülheim 78570, Garmany, hour invested approximation of the control of the co

and useful improvements in:	telsic. 5. Millinetim 755 (A. Cermany, have invented certain new	
LOAD DISTRIBUTOR FOR A STERNUM CLOSURE DEVIC ("the Invention")	E AND TOOL FOR CUTTING THE LOAD DISTRIBUTOR	
[X] for which a patent application was filed on 3/17/2017, i ("the Application")	n the country of <u>United States</u> Application Number <u>15/461.626</u>	
[ ] for which a patent application for the country ofApplication")	was executed by me on ("the	
[ ] for which an International Patent Application was filed the country/region of	on, as, designating("the Application")	
AND WHEREAS, Assignor wishes to assign to STRYKER LEIBINGER GMBH & CO. KG, an entity organized under the laws of Germany having an address of: Bötzingerstrasse 41. Freiburg. D-79111. Germany ("Assignee"), and Assignee wishes to acquire, the entire right, title and interest to the Invention and the Application;		
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee.		
Assignor does hereby authorize the attorneys of Assignee and their assigns to insert on this Assignment the filing date and application number of said Application when known.		
ASSIGNOR  By A Sold Sold Sold Sold Sold Sold Sold Sold	ASSIGNBE  By:	
WITNESS	WITNESS	

Date:\_\_\_

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(by Inventor)

WHEREAS, I Karl Greiner ("Assignor") residing at Friedenstr. 1, Muehlheim 78570, Germany, have invented certain new and

useful improvements in:	
LOAD DISTRIBUTOR FOR A STERNUM CLOSURE DEVIC ("the Invention")	E AND TOOL FOR CUITING THE LOAD DISTRIBUTOR
[X] for which a patent application was filed on 3/17/2017, ("the Application")	in the country of <u>United States</u> Application Number <u>15/461,626</u>
[ ] for which a patent application for the country of Application")	was executed by me on ("the
[ ] for which an International Patent Application was filed the country/region of	on, as, designating, ("the Application")
AND WHEREAS, Assignor wishes to assign to STRYKER LE of Germany having an address of: Bötzingerstrasse 41. Freit acquire, the entire right, title and interest to the Invention and the	IBINGER GMBH & CO. KG, an entity organized under the laws ourg. D-79111, Germany ("Assignee"), and Assignee wishes to e Application;
Assignor hereby sells, assigns, transfers and sets over to Assigne for the United States of America and all other countries, in and continuation, continuation-in-part, substitute or reissue applications of America and all other countries for the Invention, i Invention claiming priority or benefit of the Application pursua reason of past infringement with the right to sue for and collect the legal representatives, and including the right to claim such prior and the Patent Office officials in foreign countries as are duly as hereby authorized and requested to issue all patents on said impentire interest therein; and the Assignor does hereby agree and original, divisional, continuation, continuation-in-part, reissue a assignments thereof to Assignee or its assigns, to communic undersigned respecting the Invention, whenever requested, to te Application and any related applications or patents may become to do generally everything necessary to aid Assignee, its succeimprovements in all countries, the expenses incident to said applications.	
application number of said Application when known.	their assigns to insert on this Assignment the filing date and
ASSIGNOR  By:  Printed: M. P. M. C.	ASSIGNEE  By:  Printed: SReca PASKOA  Title: YP  Date: 3 2 2 2 2 7
WITNESS	WITNESS

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**PATENT REEL: 042661 FRAME: 0589** 

**RECORDED: 06/09/2017**