

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4436779

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEVEN S. SANDS	05/05/2017
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<b>Postal Code:</b>	49002
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61957196
<b>Application Number:</b>	14314656
<b>Application Number:</b>	15605216
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<b>ATTORNEY DOCKET NUMBER:</b>	TRAUMA 9.2-156
<b>NAME OF SUBMITTER:</b>	SAMANTHA CERAMI
<b>SIGNATURE:</b>	/SAMANTHA CERAMI/
<b>DATE SIGNED:</b>	05/31/2017
<b>Total Attachments: 5</b>	
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## PATENT ASSIGNMENT

THIS PATENT AGREEMENT (the "**Agreement**"), is made and entered into this \_\_\_ day of \_\_\_\_\_, 2017 (the "**Effective Date**"), by and between **Dr. Steven S. Sands**, with an address of 11525 Waters Welling Way, Edmond, Oklahoma 73013 in the United States of America ("**Assignor**") and **STRYKER EUROPEAN HOLDINGS I, LLC**, a limited liability company incorporated under the laws of the State of Delaware, having its registered address at 2825 Airview Boulevard, Kalamazoo, MI 49002, United States of America, acting in its capacity as the managing partner of Stryker European Technologies C.V., a limited partnership established under the laws of the Netherlands ("*commanditaire vennootschap*") having its registered office at Canon's Court 22, Victoria St., Hamilton, HM 12, Bermuda ("**Assignee**") (each a "**Party**" and collectively the "**Parties**").

**WHEREAS**, Assignor is the owner of all rights, title and interest in and to the inventions (the "**Inventions**") as described and claimed in the patent applications as listed on Schedule A, hereto (collectively the "**Patents**");

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed as follows:

### I. ASSIGNMENT

1. Assignor hereby sells, transfers, assigns and sets over to Assignee all rights, title and interest (for all countries) in and to the Patents, and all the rights and privileges under any letters patent that may be granted under any continuations, divisions, reissues, reexaminations, renewals and extensions therefor and thereon and all continuations, divisions, reissues, reexaminations, renewals and extensions thereof; all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for said Inventions and Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the Patents under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, copyrights and designs which may hereafter be filed for said Inventions or Patents in any country or countries, together with the right to file such applications; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates, copyrights and designs which may be granted for said Patent in any country or countries and all extensions, renewals and reissues thereof.
2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks

of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of industrial property on applications as aforesaid, to issue the same to Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

3. Assignor agrees that, whenever reasonably requested by Assignee and at Assignee's expense, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary or desirable to (1) record and perfect the interest of Assignee in and to the Patents, (2) make this assignment of the Patents fully effective, and (3) secure and maintain patents for the Inventions in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.
4. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the Inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.
5. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.
6. All of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder, including, but not limited to, the right to collect past damages.

[SIGNATURE PAGE FOLLOWS]

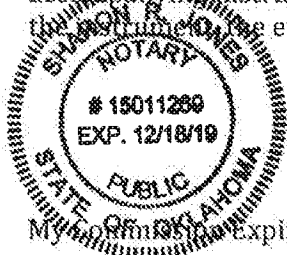
ASSIGNOR:

By Steven S. Sands D.O.

Name: Steven S. Sands, D.O.

STATE OF Oklahoma  
: SS.  
COUNTY OF Oklahoma

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On April 24, 2017, he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the accompanying instrument, the entity executed the same.



Sharon R. Jones  
NOTARY PUBLIC  
Residing at Oklahoma County

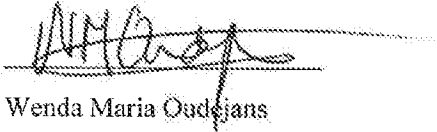
My Commission Expires: 12/18/19

**ASSIGNEE:**

**Stryker European Holdings I, LLC.,**

in its capacity as the managing partner of Stryker European Technologies C.V.

By:



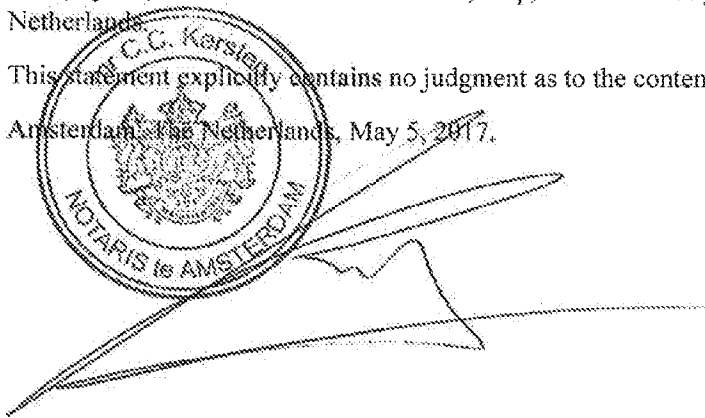
Name: Wenda Maria Oudejans

Title: IP Agent

Seen for the legalization of the signature, which was set in my presence, of Wenda Maria Oudejans, born in Amstelveen, The Netherlands, on January 29, 1980, holder of the Dutch driver's license with number 4251016607, which person has stated to be authorized to solely execute this accompanying instrument on behalf of the Assignee, pursuant to a general partner resolution of Assignee, effective as of February 6, 2015, by me, Cornelis Christiaan Kersten, Esq., civil law notary officiating in Amsterdam, The Netherlands

This statement explicitly contains no judgment as to the contents and validity of this specific document.

Amsterdam, The Netherlands, May 5, 2017.



**SCHEDULE A  
PATENTS AND PATENT APPLICATIONS**

- (a) WO 2014/209430 A1;
- (b) U.S. Application No. 14/314,656;
- (c) U.S. Provisional Application No. 61/957,196;
- (d) European Patent Application No. EP 3 013 264 A1.