505311816 02/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5358597

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| NILS REIMERS | 10/12/2015 |
| ROBIN BUSCHER | 10/12/2015 |

RECEIVING PARTY DATA

| Name: | STRYKER TRAUMA GMBH | |
|-----------------|---------------------------|--|
| Street Address: | PROFKÜNTSCHER-STRASSE 1-5 | |
| City: | SCHONKIRCHEN/KIEL | |
| State/Country: | GERMANY | |
| Postal Code: | D-24232 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16199963 |

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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| ATTORNEY DOCKET NUMBER: | RNEY DOCKET NUMBER: TRAUMA.9587 | |
|-------------------------|---------------------------------|--|
| NAME OF SUBMITTER: | JACLYN RICCI | |
| SIGNATURE: | /JACLYN RICCI/ | |
| DATE SIGNED: | 02/04/2019 | |

Total Attachments: 2

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PATENT 505311816 REEL: 048234 FRAME: 0279

Docket No.: TRAUMA 3.0F-743 (E)

INVENTION AND PATENT ASSIGNMENT

(by Inventor)

| WHEREAS, I Nils Reimers ("Assignor") residing at Hansas | trasse 78, Keil 24118, Germany |
|---|---|
| has invented certain new and useful improvements in: | |
| BONE MARROW HARVESTING AND STORAGE ("the In- | vention") |
| [X] for which a patent application was filed on 2/6/2015 Application Number 14/616.071 ("the Application") | , in the country of <u>United States of America</u> , |
| [] for which a patent application for the country of Application") | was executed by me on ("the |
| [] for which an International Patent Application was file the country/region of | d on, as, designating, |
| AND WHEREAS, Assignor wishes to assign to STRYKER Germany, having an address of ProfKuentscher-Strasse Assignce wishes to acquire, the entire right, title and interest to | 1-5, 24232 Schönkirchen, Germany ("Assignee"), and |
| Assignor hereby sells, assigns, transfers and sets over to Assig for the United States of America and all other countries, in an continuation, continuation-in-part, substitute or reissue appli States of America and all other countries for the Invention, Invention claiming priority or benefit of the Application purs reason of past infringement with the right to sue for and collect legal representatives, and including the right to claim such pri and the Patent Office officials in foreign countries as are duly thereby authorized and requested to issue all patents on said in entire interest therein; and the Assignor does hereby agree and original, divisional, continuation, continuation-in-part, reissue assignments thereof to Assignee or its assigns, to communundersigned respecting the Invention, whenever requested, to Application and any related applications or patents may become to do generally everything necessary to aid Assignee, its sucception in the investigation of the Provisional of the pursuant right to claim priority or benefit of the Provisional(s) pursuant | nt, title and interest in United States Provisional Application No ntion disclosed thereto in all countries of the world including the |
| ASSIGNOR By: CEU ~. Printed: Dilo Reimen Title: MULL RI Date: 25.08 70.0 | ASSIGNEE By: [Mar] Printed: ERED PLASKED Title: VR, Intellection Property Date: OCT. 12, 2015 |
| WITNESS By: J.Fle-Frijt Printed: ILIA FRANEW-FRITZ Title: Date: 25.08.2015 | WITNESS By: ASALY Salence Printed: AENey Salenus Title: IP CORRAINGTOR Date: OCT 12, 2015 |

Docket No.: TRAUMA 3 0F-743 (E).

INVENTION AND PATENT ASSIGNMENT

(by Inventor)

WHEREAS, I Robin Büscher ("Assignor") residing at Ludwigstr. 7. Heikendorf, 24226. Germany,

| has invented certain new and useful improvements in: | | | | |
|--|--|--|--|--|
| BONE MARROW HARVESTING AND STORAGE ("the Inve | ation") | | | |
| [X] for which a patent application was filed on 2/6/2015, i Application Number 14/616.071 ("the Application") | n the country of <u>United States of America</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 TRAUMA GMBH, an entity organized under the laws of Germany, having an address of: ProfKuentscher-Strasse 1-5, 24232 Schönkirchen, 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 pro | | | | |
| right to claim priority or benefit of the Provisional(s) pursuant to any law or treaty in the countries of the world. | | | | |
| Assignor does hereby authorize the attorneys of Assignee and application number of said Application when known. | then assigns to insert on this Assignment the ining time and | | | |
| ASSIGNOR () 1/0 | ASSIGNEE | | | |
| By: | By CHILL | | | |
| Printed ROBIN BUSCHEK Title: DIRECTOF RSD | Printed: 6/18 PUBKow | | | |
| Date: 25.8, 2015 | Title: VP, Intellectual Pacpapty Date: OCT-12, 2005 | | | |
| WITNESS | WITNESS | | | |
| By: Tre Frid? | By APAlly Salzero | | | |
| Printed JUNA FRAUEN-FRITZ | Printed: ASKEY JOLERNO | | | |
| Title: | Title: IP Cookdinator | | | |
| Date our out to the by | Date: (1) 12 , 2015 | | | |

PATENT REEL: 048234 FRAME: 0280