

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | JOHN W. SPERLING | 02/10/2016 |
| RECEIVING PARTY DATA | | |
| Name: | MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH | |
| Street Address: | 200 FIRST STREET SE | |
| City: | ROCHESTER | |
| State/Country: | MINNESOTA | |
| Postal Code: | 55905 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 14972725 |
| CORRESPONDENCE DATA | | |
| Fax Number: | | |
| <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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| NAME OF SUBMITTER: | SARA J. KERSTEIN | |
| SIGNATURE: | /Sara J. Kerstein/ | |
| DATE SIGNED: | 05/23/2016 | |
| Total Attachments: 2 | | |
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| source=mayo 579 - assignment#page2.tif | | |

ASSIGNMENT

WHEREAS, I, **John W. Sperling** of **Rochester, Minnesota** have made certain inventions which are described in an application for Letters Patent of the United States Application 14/972,725 filed December 17, 2015, entitled **METHOD FOR OPTIMIZATION OF JOINT ARTHROPLASTY COMPONENT DESIGN** and

WHEREAS, **Mayo Foundation for Medical Education and Research** (hereinafter referred to as said Company), a Minnesota corporation having a place of business at **200 First Street SW, Rochester Minnesota 55905** is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the inventors hereby assign and transfer unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof, for all foreign countries and under all international agreements in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, in any other country, or under any international agreement based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, by any other country or under any international agreement, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company. We further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries or between any other countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign or international applications, together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals at the location and on the date indicated with our signatures.

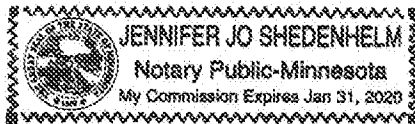
Signature: *John W. Sperling*
Name: John W. Sperling

STATE OF: MINNESOTA
COUNTY OF: OLMSTED

Date: February 10, 2016

Before me on this 10th day of February, 2016, came **John W. Sperling**, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)



Jennifer Shedenhelm
Notary Public,
State of Minnesota
My Commission Expires: 1/31/2020