PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| ROBERT J. LEDERMAN | 10/11/2016 |
| OZGUR KOCATURK | 10/11/2016 |

RECEIVING PARTY DATA

| Name: | THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES | |
|-------------------|--|--|
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| City: | BETHESDA | |
| State/Country: | MARYLAND | |
| Postal Code: | 20892-7660 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15755186 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 4239-95786-05 | |
|-------------------------|--------------------|--|
| NAME OF SUBMITTER: | SANDON M. DUNCAN | |
| SIGNATURE: | /Sandon M. Duncan/ | |
| DATE SIGNED: | 02/26/2018 | |

Total Attachments: 3

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> **PATENT REEL: 045035 FRAME: 0508**

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PATENT REEL: 045035 FRAME: 0509

ASSIGNMENT

WHEREAS, we, Robert J. Lederman and Ozgur Kocaturk, employees of the National Institutes of Health, are each employed by a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, and have made certain inventions as described and claimed in:

- U.S. Provisional Patent Application No. 62/219,472, filed on September 16, 2015, entitled "SEGMENTED BRAIDED MRI CATHETER,"
- U.S. Provisional Patent Application No. 62/326,613, filed on April 22, 2016, entitled "SEGMENTED MRI CATHETERS," and

PCT Patent Application No. PCT/US2016/051600, filed on September 14, 2016, entitled "SEGMENTED MRI CATHETERS AND OTHER INTERVENTIONAL DEVICES,"

all of which applications are collectively referred to herein as "The Patent Applications;" and

WHEREAS, we are the inventors named in The Patent Applications; and

WHEREAS, the inventions described and claimed in The Patent Applications were made under conditions such as to entitle THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services [hereinafter THE GOVERNMENT] under Executive Order 10096 and its amendments, 35 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. Part 501, to the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in The Patent Applications;

NOW, THEREFORE, having the legal obligation to assign our right, title and interest in the inventions described and claimed in The Patent Applications to THE GOVERNMENT, and for consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer to THE GOVERNMENT:

the entire right, title, and interest in and to any and all inventions described and claimed in **The Patent Applications** and any and all patents which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of **The Patent Applications** including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for patents that may be filed for any and all inventions described and claimed in The Patent Applications that may be filed in any foreign country and all patents that

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may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such patents as may be granted in the United States or any foreign country to be held by THE GOVERNMENT to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to THE GOVERNMENT, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of patents, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

| Inventor: Robert J. Lederman | |
|--|-------------------|
| Date <u>/0////2016</u> | x |
| County of Arlington | |
| State of Virginia | |
| Subscribed and sworn to before me this | day of |
| Seal Control of the c | Notary Signature: |
| 0489833349589383298 ⁴³ | |

4239-95786-03 E-284-2015/0-PCT02

| Inventor: Ozgur Kocaturk | |
|--|---|
| Date 6/11/2016 | x Lacin |
| | Inventor Signature |
| County of MONTGOMERY | |
| State of MAKY (MAN) | |
| Subscribed and sworn to before me this | 10th day of 00006F4, 2016 |
| Seal | |
| ************************************** | Notary Signature: My |
| MARIA G GONZALEZ-STOLTZFUS Notary Public | Notary Public for the State of: MALMUAM |
| Montgomery County Maryland | My Commission Expires: 8 17 2018 |
| My Commission Expires Aug 17, 2018 | |

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