

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDWARD C. BENZEL	03/20/2016
VINCENT J. MIELE	02/02/2016
ADAM J. BARTSCH	03/02/2016
LARS G. GILBERTSON	03/21/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE CLEVELAND CLINIC FOUNDATION
<b>Street Address:</b>	9500 EUCLID AVENUE
<b>City:</b>	CLEVELAND
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44195
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14726853
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)621-4072
<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>	
<b>Phone:</b>	216-621-2234
<b>Email:</b>	jridge@tarolli.com
<b>Correspondent Name:</b>	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
<b>Address Line 1:</b>	1300 EAST NINTH STREET
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	CCF-018306 US CON 7
<b>NAME OF SUBMITTER:</b>	RICHARD S. WESORICK
<b>SIGNATURE:</b>	/Richard S. Wesorick/
<b>DATE SIGNED:</b>	03/24/2016
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, Edward C. Benzel, Vincent J. Miele, Adam J. Bartsch and Lars G. Gilbertson, of Gates Mills, County of Cuyahoga, and State of Ohio; of Bridgeport, County of Harrison, and State of West Virginia; of Lakewood, County of Cuyahoga, and State of Ohio; and of Cleveland, County of Cuyahoga, and State of Ohio respectively, have made new and useful improvements in **DETECTION AND CHARACTERIZATION OF HEAD IMPACTS** for which application for Letters Patent of the United States has been filed on June 1, 2015 under Serial No. 14/726,853;

WHEREAS, The Cleveland Clinic Foundation (hereinafter "CCF"), a tax-exempt organization duly organized and existing under the laws of the State of Ohio, having a place of business at Cleveland, County of Cuyahoga, State of Ohio, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that, pursuant to CCF's Invention and Discovery Policy as specified in the CCF "Yellow Book" as of this date and for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said **Edward C. Benzel, Vincent J. Miele, Adam J. Bartsch, and Lars G. Gilbertson**, and do hereby assign, sell and set over unto the said CCF, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 14/726,853, for the United States patent, all patents granted therefore in the United States of America and elsewhere, and the right to apply for patents therefore in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said CCF, its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said CCF, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said CCF, its successors or assigns.

Signed at  
County of  
This

Cleveland

Cuyahoga  
2016

and State of

day of

March 2016.

*Edward C. Benzel*  
Edward C. Benzel

STATE OF

)

COUNTY OF

)

On this

day of

, 2016.

Personally appeared before me Edward C. Benzel to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

\_\_\_\_\_  
Notary Public

**PATENT**

**REEL: 038094 FRAME: 0493**

CCF-018306 US CON 7

Signed at  
County of Allegheny  
This Second

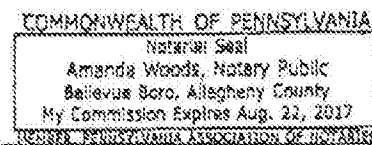
and State of Pennsylvania  
day of February, 2016.

  
\_\_\_\_\_  
Vincent J. Miele

STATE OF Pennsylvania  
COUNTY OF Allegheny

On this Second day of February, 2016.

Personally appeared before me Vincent J. Miele to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



Notary Public 

Signed at  
County of \_\_\_\_\_  
This \_\_\_\_\_

and State of \_\_\_\_\_  
day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Adam J. Bartsch

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

Personally appeared before me Adam J. Bartsch to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

\_\_\_\_\_  
Notary Public

Signed at  
County of \_\_\_\_\_ and State of \_\_\_\_\_  
This \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Vincent J. Miele

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016,  
Personally appeared before me Vincent J. Miele to me known to be the person named in and who  
executed the above instrument, and acknowledged to me that he executed the same for the uses and  
the purposes therein mentioned.

\_\_\_\_\_  
Notary Public

Signed at CLEVELAND, OH  
County of CUYAHOGA and State of OHIO  
This 2ND day of MARCH, 2016.

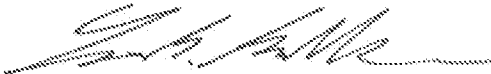
  
\_\_\_\_\_  
Adam J. Bartsch

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016,  
Personally appeared before me Adam J. Bartsch to me known to be the person named in and who  
executed the above instrument, and acknowledged to me that he executed the same for the uses and the  
purposes therein mentioned.

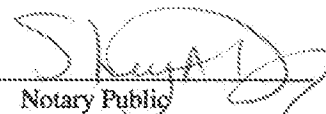
\_\_\_\_\_  
Notary Public

Signed at Monroeville Messenger Service  
County of Allegheny and State of Pennsylvania  
This 21st day of march, 2016.

  
Lars G. Gilbertson

STATE OF Pennsylvania )  
COUNTY OF Allegheny )

On this 21st day of march, 2016.  
Personally appeared before me Lars G. Gilbertson to me known to be the person named in and who executed the above instrument, and acknowledged to be that he executed the same for the uses and the purposes therein mentioned.

  
Notary Public

