

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY VIPPERMAN	10/24/2014
CARL SNYDERMAN	10/13/2014
TIMOTHY RYAN	10/15/2014
PAUL JOHNSON	10/15/2014
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15964766
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<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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ATTORNEY DOCKET NUMBER:	8123-91857-03
NAME OF SUBMITTER:	DEAKIN T. LAUER
SIGNATURE:	/Deakin T. Lauer/
DATE SIGNED:	04/27/2018
Total Attachments: 5	

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ASSIGNMENT

WHEREAS, we, Jeffrey Vipperman, of Pittsburgh, Pennsylvania, Carl Snyderman, of Pittsburgh, Pennsylvania, Timothy Ryan, of Pittsburgh, Pennsylvania, and Paul Johnson, of Pittsburgh, Pennsylvania, have invented a certain invention, entitled SURGICAL TOOL MONITORING SYSTEM AND METHODS OF USE, for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 61/882,223, filed on September 25, 2013, entitled SURGICAL TOOL MONITORING SYSTEM AND METHODS OF USE; and U.S. Patent Application No. 14/496,704, filed on September 25, 2014, entitled SURGICAL TOOL MONITORING SYSTEM AND METHODS OF USE; which applications are collectively referred to herein as “the patent applications;” and

WHEREAS, University of Pittsburgh - Of the Commonwealth System of Higher Education, a university organized under the laws of the State of Pennsylvania, having a place of business at Office of Technology Management, University of Pittsburgh, 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, Pennsylvania 15260, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Jeffrey Vipperman, Carl Snyderman, Timothy Ryan, and Paul Johnson hereby sell, assign, and transfer to University of Pittsburgh - Of the Commonwealth System of Higher Education, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by University of Pittsburgh - Of the Commonwealth System of Higher Education, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree

that we will communicate to University of Pittsburgh - Of the Commonwealth System of Higher Education, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid University of Pittsburgh - Of the Commonwealth System of Higher Education, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to University of Pittsburgh - Of the Commonwealth System of Higher Education.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.


Executed at the place and date opposite our respective signatures below.

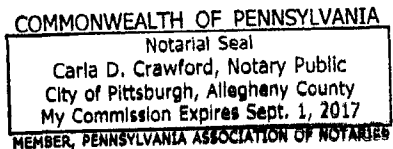

Jeffrey Vipperman

At Pittsburgh PA
(City and State)
on this 24th day of October, 2014.

STATE OF Pennsylvania)
COUNTY OF Allegheny) ss.

This 24th day of October, 2014, before me personally came the above-named Jeffrey Vipperman, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jeffrey Vipperman's own free will for the purpose set forth therein.


Notary Public For _____
My commission expires: 9/1/17



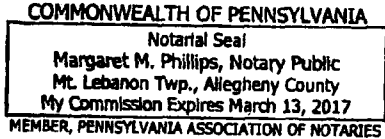
Carl Snyderman
Carl Snyderman

At Pittsburgh, Pennsylvania
(City and State)

on this 13th day of October, 2014.

STATE OF Pennsylvania)
COUNTY OF Allegheny) ss.

This 13th day of October, 2014, before me personally came the above-named Carl Snyderman, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Carl Snyderman's own free will for the purpose set forth therein.



Margaret M. Phillips
Notary Public For Allegheny County
My commission expires: March 13, 2017

[SEAL]

Timothy Ryan
Timothy Ryan

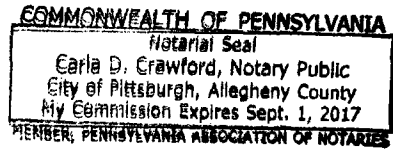
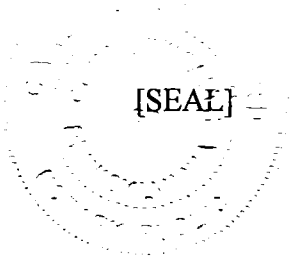
At Pittsburgh PA
(City and State)

on this 15th day of October, 2014.

STATE OF Pennsylvania)
COUNTY OF Allegheny) ss.

This 15th day of October, 2014, before me personally came the above-named Timothy Ryan, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Timothy Ryan's own free will for the purpose set forth therein.

Carla Crawford
Notary Public For
My commission expires: 09/01/2017



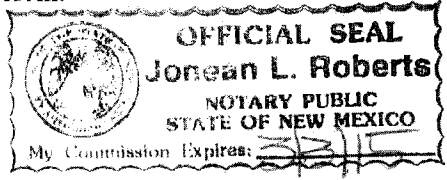
[Signature]
Paul Johnson

At Albuquerque, New Mexico
(City and State)

on this 15 day of October, 2014.

STATE OF New Mexico
COUNTY OF Bernalillo ss.

This 15 day of October, 2014, before me personally came the above-named Paul Johnson, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Paul Johnson's own free will for the purpose set forth therein.



[Signature]
Notary Public For New Mexico
My commission expires: 3/3/15

[SEAL]