

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHARIF RAZZAQUE	02/03/2011
ANDREI STATE	02/21/2011
CAROLINE GREEN	02/03/2011
BRIAN HEANEY	02/01/2011
RECEIVING PARTY DATA	
Name:	INNEROPTIC TECHNOLOGY, INC.
Street Address:	106A N. CHURTON STREET
City:	HILLSBOROUGH
State/Country:	NORTH CAROLINA
Postal Code:	27278
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14166179
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	INOPT.009P1C1
NAME OF SUBMITTER:	LINCOLN S. ESSIG
SIGNATURE:	/Lincoln. S. Essig./
DATE SIGNED:	05/10/2016
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, Sharif Razzaque, a US citizen, residing at 102 Locust Ct., Chapel Hill, NC 27516, Andrei State, a German citizen, residing at 1100 W NC Highway 54, Bypass #26G, Chapel Hill, NC, Caroline Green, a US citizen, residing at 8218 Huntsman Court, Chapel Hill, NC 27516, and Brian Heaney, a US citizen, residing at 4215 Forest Edge Trail, Durham, NC 27705, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to SYSTEMS, METHODS, APPARATUSES, AND COMPUTER-READABLE MEDIA FOR IMAGE MANAGEMENT IN IMAGE-GUIDED MEDICAL PROCEDURES (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, InnerOptic Technology, Inc., a North Carolina Corporation, with its principal place of business at 106A N. Churton Street, Hillsborough, NC 27278 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 61/207,593, 61/207,589, 61/207,592, 61/322,991 and 61/387,132, filed February 17, 2009, February 17, 2009, February 17, 2009, April 12, 2010 and September 28, 2010 (respectively if plural applications)), and all non-provisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof, and ASSIGNOR hereby authorizes and requests 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 on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or

declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of

Feb, 2011



Sharif Razzaque

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21st day of
February, 20 11.

Andrei State

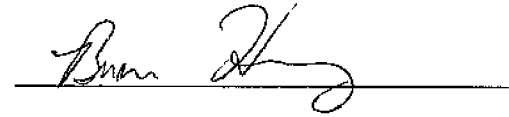
Andrei State

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of
FEBRUARY, 2011.



Caroline Green

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1st day of February, 2011.



Brian Heaney

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