

**PATENT ASSIGNMENT**

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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>
John F. Kalafut	07/06/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MEDRAD, Inc.
<b>Street Address:</b>	One Medrad Drive
<b>City:</b>	Indianola
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15051
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13177714
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)767-8899
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	4127672400
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<b>Correspondent Name:</b>	Medrad Patents & Trademarks
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<b>Address Line 4:</b>	INDIANOLA, PENNSYLVANIA 15051
<b>ATTORNEY DOCKET NUMBER:</b>	IN04-005.PCT.US.D2
<b>NAME OF SUBMITTER:</b>	James R. Stevenson, Reg. No. 38755
<b>Total Attachments: 2</b> source=IN04005PCTUSD2Assign#page1.tif source=IN04005PCTUSD2Assign#page2.tif	

OP \$40.00 13177714

**ASSIGNMENT**

WHEREAS, I John F. Kalafut, a citizen and resident of the United States of America, whose post office address is 1647 Georgetown Place, Pittsburgh, Pennsylvania (hereinafter referred to as ASSIGNOR), have invented within the United States and own a certain invention entitled

**SYSTEMS AND METHODS OF DETERMINING PATIENT PHYSIOLOGICAL  
PARAMETERS FROM AN IMAGING PROCEDURE**

which is described in an application for Letters Patent of the United States of America of the same title and executed on even date herewith; and

WHEREAS, Medrad, Inc., a corporation organized and existing under the laws of the State of Delaware and having a place of business at One Medrad Drive, Indianola, PA 15051 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, said application for Letters Patent, and any and all issued Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to ASSIGNEE.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6<sup>th</sup> day of July, 2011.

*[Handwritten Signature]* 7/6/11  
John F. Kalafut

STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Allegheny )

BE IT KNOWN, that on this 6 day of July, 2011, before me personally came John F. Kalafut, to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

*[Handwritten Signature]*  
Notary Public

