

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael J. Bonnette</td> <td>09/04/2012</td> </tr> <tr> <td>Debra M. Kozak</td> <td>09/04/2012</td> </tr> <tr> <td>Eric J. Thor</td> <td>09/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael J. Bonnette	09/04/2012	Debra M. Kozak	09/04/2012	Eric J. Thor	09/27/2012
Name	Execution Date								
Michael J. Bonnette	09/04/2012								
Debra M. Kozak	09/04/2012								
Eric J. Thor	09/27/2012								
RECEIVING PARTY DATA									
Name:	Medrad, Inc.								
Street Address:	One Medrad Drive								
City:	Indianola								
State/Country:	PENNSYLVANIA								
Postal Code:	15051								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13794350</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13794350				
Property Type	Number								
Application Number:	13794350								
CORRESPONDENCE DATA									
Fax Number:	6123393061								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	612.373.6900								
Email:	uspto@slwip.com								
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER, P.A.								
Address Line 1:	P.O. BOX 2938								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:	2923.032US1								
NAME OF SUBMITTER:	Thomas Obermark								
Total Attachments: 6 source=2923032ASSGN#page1.tif source=2923032ASSGN#page2.tif source=2923032ASSGN#page3.tif source=2923032ASSGN#page4.tif source=2923032ASSGN#page5.tif source=2923032ASSGN#page6.tif									

CH \$40.00 13794350

**ASSIGNMENT**

WHEREAS, We, **Michael J. Bonnette**, a citizen and resident of the United States of America, whose post office address is 2733 2nd Avenue South, Minneapolis, MN 55408; **Eric J. Thor**, a citizen and resident of the United States of America, whose post office address is 1707 Glenview Avenue, Arden Hills, MN 55112; and **Debra M. Kozak**, a citizen and resident of the United States of America, whose post office address is 6377 184th Street North, Forest Lake, MN 55025; (hereinafter collectively referred to as ASSIGNOR), have invented and own a certain invention entitled

**CONSOLIDATED ATHERECTOMY AND THROMBECTOMY CATHETER**

which is described in a provisional patent application in the United States of America filed on June 27, 2012, and assigned application Serial No. 61/664,975; 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.

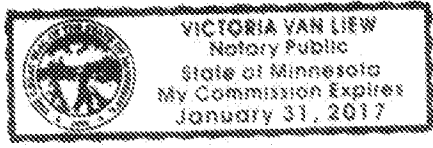
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 4<sup>th</sup> day of September, 2012.

Michael J. Bonnette  
Michael J. Bonnette

STATE OF Minnesota )  
  ) ss.  
COUNTY OF Anoka )

BE IT KNOWN, that on this 4 day of SEPTEMBER, 2012, before me personally came Michael J. Bonnette, 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.

Victoria Van Liew  
Notary Public



IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Eric J. Thor

STATE OF Minnesota )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me personally came Eric J. Thor, 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.

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

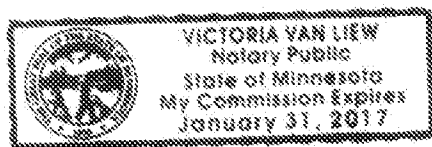
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 4 day of September, 2012

Debra M Kozak  
Debra M. Kozak

STATE OF Minnesota )  
COUNTY OF Anoka ) ss.

BE IT KNOWN, that on this 4 day of SEPTEMBER, 2012, before me personally came Debra M. Kozak, 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.

Victoria Van Liew  
Notary Public



**ASSIGNMENT**

WHEREAS, We, **Michael J. Bonnette**, a citizen and resident of the United States of America, whose post office address is 2733 2nd Avenue South, Minneapolis, MN 55408; **Eric J. Thor**, a citizen and resident of the United States of America, whose post office address is 1707 Glenview Avenue, Arden Hills, MN 55112; and **Debra M. Kozak**, a citizen and resident of the United States of America, whose post office address is 6377 184th Street North, Forest Lake, MN 55025; (hereinafter collectively referred to as ASSIGNOR), have invented and own a certain invention entitled

**CONSOLIDATED ATHERECTOMY AND THROMBECTOMY CATHETER**

which is described in a provisional patent application in the United States of America filed on June 27, 2012, and assigned application Serial No. 61/664,975; 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 \_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Michael J. Bonnette

STATE OF Minnesota            )  
  ) ss.  
COUNTY OF \_\_\_\_\_        )

**BE IT KNOWN**, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me personally came Michael J. Bonnette, 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.

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

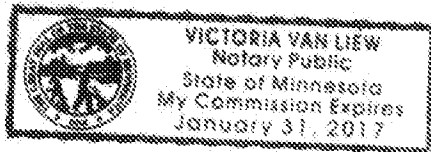
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 27<sup>th</sup> day of September, 2012.

[Signature]  
Eric J. Thor

STATE OF Minnesota            )  
  ) ss.  
COUNTY OF Anoka            )

**BE IT KNOWN**, that on this 27 day of SEPTEMBER, 2012, before me personally came Eric J. Thor, 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.

[Signature]  
Notary Public



IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2012

\_\_\_\_\_  
Debra M. Kozak

STATE OF Minnesota            )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

**BE IT KNOWN**, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me personally came Debra M. Kozak, 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.

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