PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2670622

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WALTER CHARLES CROLL	09/05/2013
JEFFERY WILLIAM ROGERS	09/12/2013
MARTYN STUART ABBOTT	08/19/2013
DAVID CHARLES CUMMINGS	08/20/2013
DANIEL JOSEPH KNEIP	09/13/2013
DAVID WOODRUFF WEST	11/22/2013
CHAD NICHOLAS GRANT	08/29/2013
ERIC JOEL THOR	09/25/2013
MICHAEL JOHN BONNETTE	09/17/2013
NICOLE JAYE AASEN	09/17/2013
DOUGLAS JAMES BALL	09/18/2013
JAMES FREDRICK KARPINSKI	09/20/2013
ERNEST RALPH SCHERGER	09/19/2013
JOHN LLOYD TESCHENDORF	09/23/2013
STEPHEN EARL WEISEL	10/08/2013

RECEIVING PARTY DATA

Name:	MEDRAD, INC.
Street Address:	ONE MEDRAD DRIVE
City:	INDIANOLA
State/Country:	PENNSYLVANIA
Postal Code:	15051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13922630

CORRESPONDENCE DATA

Fax Number:	
Phone:	412-767-2400
Email:	jennifer.rae@bayer.com
Correspondence will be sent via US Mail when the email attempt is unsuccessful.	
Correspondent Name:	MEDRAD INC.
Address Line 1:	ONE MEDRAD DRIVE
Address Line 4:	INDIANOLA, PENNSYLVANIA 15051

ATTORNEY DOCKET NUMBER:	PS/08-033.D.CON
NAME OF SUBMITTER:	DAVID SCHRAMM REG. 41295
Signature:	/David Schramm/
Date:	01/07/2014

Total Attachments: 18
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ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; 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, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, the entire right, title and interest in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

As the below named inventor I hereby declare that:

This Assignment with Declaration is directed to:

☐ The attached application, or

☒ United States Application or PCT International Application Number **13/922,630** filed on **June 20, 2013** (Confirmation No. **6276**).

The application is entitled: **Thrombectomy Catheter Deployment System**

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this Assignment with Declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any]) **Walter Charles**	Family Name or Surname **Croll**
Inventor's signature Walter Charles Croll	Date 9/5/2013
Residence: **North Maplewood, MN**	
Mailing Address: : **165 Crestview Drive, North Maplewood, MN 55119-4778**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared Walter Croll, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.
Given under my hand and seal of office, this September 5th day of , 2013

Notary Public Signature	Notary Public Printed Name: Jennifer M Rae
[seal]	[stamp] COMMONWEALTH OF PENNSYLVANIA Notarial Seal Jennifer M. Rae, Notary Public Indiana Twp., Allegheny County My Commission Expires Feb. 26, 2016 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) **Jeffery William**	Family Name or Surname **Rogers**
Inventor's signature Jeffery W Rogers	Date Sept 12, 2013
Residence: **Plano, TX**	
Mailing Address: **3416 Wheatland Lane, Plano, TX 75025-3614**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared Jeffery Rogers known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.
Given under my hand and seal of office, this 12th day of Sept 2013

Notary Public Signature	Notary Public Printed Name: Jennifer M Rae
[seal]	[stamp] COMMONWEALTH OF PENNSYLVANIA Notarial Seal Jennifer M. Rae, Notary Public Indiana Twp., Allegheny County My Commission Expires Feb. 26, 2016 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any]) **Martyn Stuart**	Family Name or Surname **Abbott**
Inventor's signature	Date: 8/19/13
Residence: **Dallas, TX**	
Mailing Address: **5734 Bent Creek Trail, Dallas, TX 75252-2638**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared Martyn Abbott, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this 19th day of Aug 2013

Notary Public Signature: Janice Wilson	Notary Public Printed Name: Janice Wilson
[seal]	[stamp] JANICE WILSON Notary Public, State of Texas My Commission Expires August 22, 2016

NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any]) **David Charles**	Family Name or Surname **Cummings**
Inventor's signature	Date 8-20-2013
Residence: **Richardson, TX**	
Mailing Address: **1305 Cherokee Drive, Richardson, TX 75080**	
NOTARIZATION BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this day of , 20 .	
Notary Public Signature	Notary Public Printed Name:
[seal] SEE ATTACHED CERTIFICATE	[stamp]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles

On August 20, 2013 (Date) before me, Nevine F. Ayad, Notary Public (Here Insert Name and Title of the Officer)

personally appeared David Charles Cummings (Name(s) of Signer(s))

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

NEVINE F. AYAD
COMM. #1992268
Notary Public - California
LOS ANGELES COUNTY
My Comm. Exp. Oct. 24, 2016

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Nevine F Ayad (Signature of Notary Public)

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

Right Thumbprint of Signer — Top of thumb here

Signer's Name: _____
- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

Right Thumbprint of Signer — Top of thumb here

NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any]) **Daniel Joseph**	Family Name or Surname **Kneip**
Inventor's signature Daniel Joseph Kneip	Date 9-13-2013
Residence: **Anna, TX**	
Mailing Address: **11052 Sheffield Drive, Anna, TX 75409**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared DANIEL KNEIP, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.
Given under my hand and seal of office, this 13TH day of SEPTEMBER, 2013

Notary Public Signature Jean M. Kaye	Notary Public Printed Name: Jean M KAYE
[seal]	[stamp] JEAN M. KAYE Notary Public STATE OF TEXAS My Comm. Exp. Aug. 20, 2014

NAME OF SIXTH INVENTOR:	
Given Name (first and middle [if any]) **David Woodruff**	Family Name or Surname **West**
Inventor's signature	Date 11/22/13
Residence: ~~Dallas, TX~~ McKinney, TX 203 N. Morris St	
Mailing Address: ~~11736 Alston Lane, Dallas, TX 75218-1505~~ McKinney TX 75069	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.
Given under my hand and seal of office, this day of , 20

Notary Public Signature	Notary Public Printed Name: Guiselle Albritton
[seal]	[stamp] GUISELLE SOTO ALBRITTON Notary Public, State of Texas My Commission Expires July 18, 2016

NAME OF SEVENTH INVENTOR:	
Given Name (first and middle [if any]) **Chad Nicholas**	Family Name or Surname **Grant**
Inventor's signature Chad Grant	Date 8/29/13
Residence: **Escondido, CA**	
Mailing Address: **1367 West Via Rancho Parkway, Escondido, CA 92029**	
NOTARIZATION See attached BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this day of , 20___.	
Notary Public Signature	Notary Public Printed Name:
[seal]	[stamp]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Diego

On 8/29/13 (Date) before me, Jennifer Argyelan, Notary Public (Here Insert Name and Title of the Officer)

personally appeared Chad Nicholas Grant (Name(s) of Signer(s))

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

JENNIFER ARGYELAN
Commission # 1928264
Notary Public - California
San Diego County
My Comm. Expires Apr 8, 2015

(Place Notary Seal Above)

Signature: (Signature of Notary Public)

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Document Date: Number of Pages:

Signer(s) Other Than Named Above:

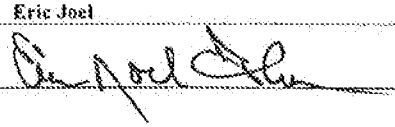
Capacity(ies) Claimed by Signer(s)

Signer's Name:	Signer's Name:
☐ Individual	☐ Individual
☐ Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact	☐ Attorney in Fact
☐ Trustee	☐ Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
☐ Other:	☐ Other:
Signer Is Representing:	Signer Is Representing:

RIGHT THUMBPRINT OF SIGNER (Top of thumb here)

RIGHT THUMBPRINT OF SIGNER (Top of thumb here)

NAME OF EIGHTH INVENTOR:

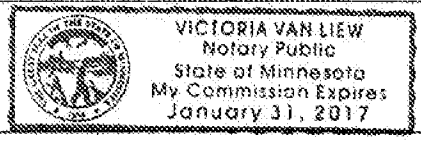
Given Name (first and middle [if any]) **Eric Joel**	Family Name or Surname **Thor**
Inventor's signature 	Date 9/25/2013

Residence: **Arden Hills, MN**

Mailing Address: **1707 Glenview Avenue, Arden Hills, MN 55112**

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this _____ day of _____, 20__.

Notary Public Signature 	Notary Public Printed Name: VICTORIA VANLIEW
[seal] 	[stamp]

NAME OF NINTH INVENTOR:	
Given Name (first and middle [if any]) **Michael John**	Family Name or Surname **Bonnette**
Inventor's signature Michael Bonnette	Date 9-17-13
Residence: **Minneapolis, MN**	
Mailing Address: **2733 2nd Avenue South, MN 55408**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 17 day of SEPTEMBER 2013

Notary Public Signature Victoria Van Lieu	Notary Public Printed Name: Victoria VanLieu
[seal] VICTORIA VAN LIEU Notary Public State of Minnesota My Commission Expires: January 31, 2017	[stamp]

NAME OF TENTH INVENTOR:	
Given Name (first and middle [if any]) **Nicole Jaye**	Family Name or Surname **Aasen**
Inventor's signature Nicole Aasen	Date 17 Sept 13
Residence: **Brooklyn Park , MN**	
Mailing Address: **10000 Toledo Drive N., Brooklyn Park, MN 55443**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 17 day of September, 2013.

Notary Public Signature Victoria Van Liew	Notary Public Printed Name: Victoria VanLiew
[seal] VICTORIA VAN LIEW Notary Public State of Minnesota My Commission Expires January 31, 2017	[stamp]

NAME OF ELEVENTH INVENTOR:	
Given Name (first and middle [if any]) **Douglas James**	Family Name or Surname **Ball**
Inventor's signature: Douglas James Ball	Date 9/18/13
Residence: **Blaine, MN**	
Mailing Address: **523 98th Avenue NE, Blaine, MN 55434**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 18 day of SEPTEMBER, 2013.

Notary Public Signature: Victoria Van Liew	Notary Public Printed Name: Victoria VanLiew
[seal] VICTORIA VAN LIEW Notary Public State of Minnesota My Commission Expires January 31, 2017	[stamp]

NAME OF TWELFTH INVENTOR:	
Given Name (first and middle [if any]) **James Fredrick**	Family Name or Surname **Karpinski**
Inventor's signature James Fredrick Karpinski	Date 9/20/2013
Residence: **Blaine, MN**	
Mailing Address: **455 121st Street, Blaine, MN 55434**	
NOTARIZATION BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 20 day of September, 2013	
Notary Public Signature Victoria Van Liew	Notary Public Printed Name: VICTORIA VAN LIEW
[seal] VICTORIA VAN LIEW Notary Public State of Minnesota My Commission Expires January 31, 2017	[stamp]

NAME OF THIRTEENTH INVENTOR:	
Given Name (first and middle [if any]) **Ernest Ralph**	Family Name or Surname **Scherger**
Inventor's signature	Date 19 Sept 2013
Residence: **Andover, MN**	
Mailing Address: **16231 Valley Drive NW, Andover, MN 55304**	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 19 day of September, 2013

Notary Public Signature	Notary Public Printed Name: VICTORIA VANLIEW
[seal] VICTORIA VAN LIEW Notary Public State of Minnesota My Commission Expires January 31, 2017	[stamp]

NAME OF FOURTEENTH INVENTOR:	
Given Name (first and middle [if any]) **John Lloyd**	Family Name or Surname **Teschendorf**
Inventor's signature John Lloyd Teschendorf	Date 9/23/13
Residence: **Lino Lakes, MN**	
Mailing Address: **6208 Hollow Lane, Lino Lakes, MN 55014**	
NOTARIZATION BEFORE ME, the undersigned authority, on this day personally appeared , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 23 day of September, 2013	
Notary Public Signature Victoria Van Liew	Notary Public Printed Name: VICTORIA VANLIEW
[seal] VICTORIA VAN LIEW Notary Public State of Minnesota My Commission Expires January 31, 2017	[stamp]

NAME OF FIFTEENTH INVENTOR:	
Given Name (first and middle [if any]) **Stephen Earl**	Family Name or Surname **Weisel**
Inventor's signature Stephen E Weisel	Date 10-8-2013
Residence: ~~Montrose, MN~~ Brook Park	
Mailing Address: ~~130 Center Avenue North, Montrose, MN 55636~~ 2703 Duck View Cir. Brook Park, Minn	

NOTARIZATION

BEFORE ME, the undersigned authority, on this day personally appeared Stephen E Weisel, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this 8th day of October, 2013

Notary Public Signature: Kathy Jo Kerr	Notary Public Printed Name: Kathy Jo Kerr
[seal]	[stamp] KATHY JO KERR NOTARY PUBLIC - MINNESOTA My Comm. Exp. Jan. 31, 2017