

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3609112

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CELINE ROGER DALBERT	02/18/2013
JOEL DANIEL KRAYER	02/13/2013
ADAM BRUCE STEEL	02/13/2013
DENIS ROY	02/12/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BECTON, DICKINSON AND COMPANY
<b>Street Address:</b>	1 BECTON DRIVE
<b>City:</b>	FRANKLIN LAKES
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07417
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14510875
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<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>	
<b>Phone:</b>	(949) 760-0404
<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE MARTENS OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	HANLB.090C1
<b>NAME OF SUBMITTER:</b>	MARIA VICTORIA STOUT
<b>SIGNATURE:</b>	/Maria Victoria Stout/
<b>DATE SIGNED:</b>	11/10/2015
<b>Total Attachments: 20</b>	
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ASSIGNMENT

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WHEREAS, Colline Roger Dalbert, a French citizen, residing at Quebec, Canada; Joel Daniel Krayer, a citizen of the United States of America, residing in Sparks, Maryland, Adam Bruce Steel, a citizen of the United States of America, residing in Sparks, MD, and Denis Roy, a citizen of Canada, residing in Quebec, Canada (Individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to REFLEX TESTING OF SAMPLES USING RESIDUAL MATERIALS FROM A PRIOR TEST (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");

CRD CRD 2015.03.06  
JDK \_\_\_\_\_  
ABS \_\_\_\_\_  
DR \_\_\_\_\_

AND WHEREAS, BECTON, DICKINSON AND COMPANY, INC., with its principal place of business at 1 Becton Drive, Franklin Lakes, NJ 07417 (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. 61/624198, filed April 13, 2012, and all nonprovisional 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.

---

This 18 day of February, 2013. Celine Roger-Dalbert

Celine Roger-Dalbert

Witnessed by: Alain Beaud

Printed Name: DIANE PÉRIARD

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.


  
Joel Daniel Kraye

DATE: 2013-02-13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

BE IT REMEMBERED, that on this 13 day of February, 201~~0~~<sup>13</sup>, before me, a Notary Public, personally appeared Joel Daniel Kraye, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, I and having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

  
Notary Public Sharon J. Gilbert  
My Commission Expires: 7/22/2015

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Adam Bruce Steel

Adam Bruce Steel

DATE: 13 FEB 13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

BE IT REMEMBERED, that on this 13 day of February, 2013, before me, a Notary Public, personally appeared Adam Bruce Steel, who I am satisfied is/the person named in and who executed the foregoing instrument in my presence, I and having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

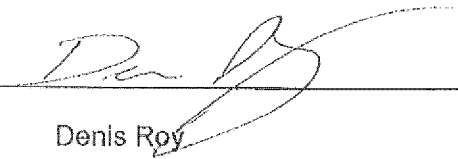
Sharon J. Gilbert

Notary Public Sharon J. Gilbert

My Commission Expires: 7/22/2015

---

This 12 day of February, 2013.

  
Denis Roy

Witnessed by: Diane Periard

Printed Name: DIANE PERIARD

14027493-021113

**ASSIGNMENT**

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CRD \_\_\_\_\_

JDK Dec 31 2015

ABS \_\_\_\_\_

DR \_\_\_\_\_

WHEREAS, Celine Roger Dalbert, a French citizen, residing at Quebec, Canada; Joel Daniel Krayner, a citizen of the United States of America, residing in Sparks, Maryland, Adam Bruce Steel, a citizen of the United States of America, residing in Sparks, MD, and Denis Roy, a citizen of Canada, residing in Quebec, Canada (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to REFLEX TESTING OF SAMPLES USING RESIDUAL MATERIALS FROM A PRIOR TEST (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, BECTON, DICKINSON AND COMPANY, ~~INC.~~, with its principal place of business at 1 Becton Drive, Franklin Lakes, NJ 07417 (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. 61/624198, filed April 13, 2012, and all nonprovisional 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.



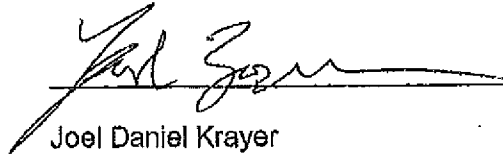
This 18 day of February, 2013. Céline Roger-Dalbert

Celine Roger-Dalbert

Witnessed by: Alain Buard

Printed Name: DIANE PERIARD

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

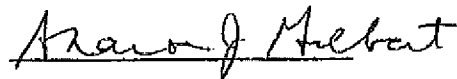
  
Joel Daniel Kraye

DATE: 2013-02-13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

BE IT REMEMBERED, that on this 13 day of February, 2013, before me, a Notary Public, personally appeared Joel Daniel Kraye, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, I and having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

  
Notary Public Sharon J. Gilbert  
My Commission Expires: 7/22/2015

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Adam Bruce Steel

Adam Bruce Steel

DATE: 13 FEB 13

STATE OF Maryland )  
COUNTY OF Baltimore )

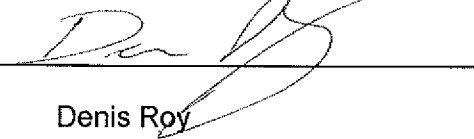
ss:

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Sharon J. Gilbert

Notary Public Sharon J. Gilbert

My Commission Expires: 7/22/2015

This 12 day of FEBRUARY, 2013.   
Denis Roy

Witnessed by: DIANE PERIARD

Printed Name: DIANE PERIARD

14827493-021113

**ASSIGNMENT**

WHEREAS, Collins Roger Dalbert, a French citizen, residing at Quebec, Canada; Joel Daniel Kraye, a citizen of the United States of America, residing in Sparks, Maryland, Adam Bruce Steel, a citizen of the United States of America, residing in Sparks, MD, and Denis Roy, a citizen of Canada, residing in Quebec, Canada (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to REFLEX TESTING OF SAMPLES USING RESIDUAL MATERIALS FROM A PRIOR TEST (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, BECTON, DICKINSON AND COMPANY, INC., with its principal place of business at 1 Becton Drive, Franklin Lakes, NJ 07417 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

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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.

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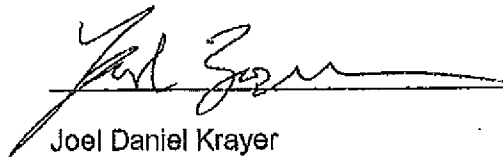
This 18 day of February, 2013. Céline Roger-Dalbert

Celine Roger-Dalbert

Witnessed by: Alain Buard

Printed Name: DIANE PERIARD

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

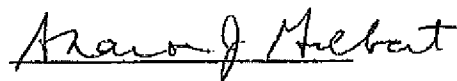
  
Joel Daniel Kraye

DATE: 2013-02-13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

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Notary Public Sharon J. Gilbert  
My Commission Expires: 7/22/2015

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Adam Bruce Steel

Adam Bruce Steel

DATE: 13 FEB 13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

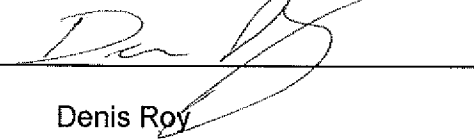
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Sharon J. Gilbert

Notary Public Sharon J. Gilbert

My Commission Expires: 7/22/2015



This 12 day of FEBRUARY, 2013.   
Denis Roy

Witnessed by: Diane Periard

Printed Name: DIANE PERIARD

14827493-021113

ASSIGNMENT

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WHEREAS, Celine Roger Dalbert, a French citizen, residing at Quebec, Canada; Joel Daniel Krayter, a citizen of the United States of America, residing in Sparks, Maryland, Adam Bruce Steel, a citizen of the United States of America, residing in Sparks, MD, and Denis Roy, a citizen of Canada, residing in Quebec, Canada (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to REFLEX TESTING OF SAMPLES USING RESIDUAL MATERIALS FROM A PRIOR TEST (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");

CRD \_\_\_\_\_  
JDK \_\_\_\_\_  
ABS \_\_\_\_\_  
DR DK

AND WHEREAS, BECTON, DICKINSON AND COMPANY, ~~INC.~~, with its principal place of business at 1 Becton Drive, Franklin Lakes, NJ 07417 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work;

*2015-03-06*  
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. 61/624198, filed April 13, 2012, and all nonprovisional 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.

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---

This 18 day of February, 2013. Céline Roger-Dalbert

Celine Roger-Dalbert

Witnessed by: Alain Beaud

Printed Name: DIANE PÉRIARD

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

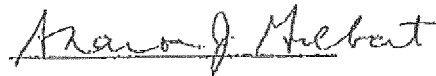
  
Joel Daniel Kraye

DATE: 2013-02-13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

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Notary Public Sharon J. Gilbert  
My Commission Expires: 7/22/2015

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Adam Bruce Steel

Adam Bruce Steel

DATE: 13 FEB 13

STATE OF Maryland )  
COUNTY OF Baltimore )

ss:

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Sharon J. Gilbert

Notary Public Sharon J. Gilbert

My Commission Expires: 7/22/2015

This 12 day of FEBRUARY, 2013.

  
Denis Roy

Witnessed by: Diane Periard

Printed Name: DIANE PERIARD

14827493-021113