

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

EPAS ID: PAT5725162

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMIESON W. CRAWFORD	06/23/2010
RAVI ATTRI	06/01/2010
CHRISTOPHER A. BATTLES	05/26/2010
BENJAMIN R. BARTFELD	06/23/2010
GREGORY R. HIRES	05/26/2010
<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>	16574515
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	412-471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM
<b>Address Line 1:</b>	420 FT. DUQUESNE BLVD., SUITE 1200
<b>Address Line 2:</b>	ONE GATEWAY CENTER
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	3896-1907048
<b>NAME OF SUBMITTER:</b>	LARA NORTROP QUEEN
<b>SIGNATURE:</b>	/Lara Northrop Queen/
<b>DATE SIGNED:</b>	09/18/2019
<b>Total Attachments: 8</b>	

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Jamieson W. Crawford  
Ravi Attri  
Christopher A. Battles

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) Jun 23, '10; Jun 1, '10; May 26, '10

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Becton, Dickinson and Company

Internal Address: \_\_\_\_\_

Street Address: 1 Becton Drive

City: Franklin Lakes

State: New Jersey

Country: US Zip: 07417

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

16/574,515

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Lara Northrop Queen

Internal Address: The Webb Law Firm

Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 3896 - 1907048

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_

- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

/Lara Northrop Queen/

September 18, 2019

Signature

Date

Lara Northrop Queen  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**8**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Page 2

U.S. Patent Application No. 16/574,515, filed 9/18/2019

U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

**Additional Information (continued from Page 1)**

**Name of conveying party(ies)**

Benjamin R. Bartfeld  
Gregory R. Hires

Execution Date(s): June 23, 2010, May 26, 2010  
\_\_\_\_\_

**Name and address of receiving party(ies)**

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Name of conveying party(ies)**

Execution Date(s): \_\_\_\_\_  
\_\_\_\_\_

**Name and address of receiving party(ies)**

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

ASSIGNMENT

U.S. Application Serial No.: 12/780,432  
Filed: May 14, 2010

**COPY**

*WHEREAS, Jamieson W. Crawford, residing at Demarest, New Jersey, a citizen of the United Kingdom; Ravi Attri, residing at Bloomfield, New Jersey, a citizen of India; Christopher A. Battles, residing at Seymour, Connecticut, a citizen of the United States; Benjamin Bartfeld, residing at Ringwood, New Jersey, a citizen of the United States; and Gregory R. Hires, residing at Fairfield, Connecticut, a citizen of the United States, (hereinafter called "Assignor"), have made certain new and useful inventions or discoveries relating to:*

*Density Phase Separation Device*

*for which they have executed a Declaration for an application for Letters Patent of the United States of America; and*

*WHEREAS, BECTON, DICKINSON AND COMPANY, a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein.*

*NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and other valuable considerations to him, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and does hereby assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said application, whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions and continuations or continuations-in-part, thereof, and in and to all Letters Patents, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made; and*

*Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Agreement; and*

COPY

Application No. 12/780,432  
Attorney Docket No. 3896-101076 (P-8538)

For the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigns, which title they warrant unto said Assignee, its successors and assigns; and

For the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to him promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of the inventions and discoveries or that may be necessary to vest in Assignee the complete title to the inventions and discoveries and patents hereby conveyed and to enable it to record title.

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

*Jamieson W. Crawford*  
Jamieson W. Crawford

DATE: July - 23 - 2010.

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_\_ day of \_\_\_\_\_ 2010, before me, a Notary Public, personally appeared \_\_\_\_\_, 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 the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

*Jane Edgren* 23/6-10  
*BJörn Grenfors* 23/6-10  
2

JANE EDGREN, BA  
BJÖRN GRENFORS,  
BA

**COPY**

*R. S. Attri*

Ravi Attri

DATE: 06/01/2010

STATE OF New Jersey )  
COUNTY OF Bergen )

*BE IT REMEMBERED, that on this 1<sup>st</sup> day of June 2010, before me, a Notary Public, personally appeared Ravi Attri, 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 the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.*

*Gail Freeman-Szal*

Gail Freeman-Szal  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 11/09/10

**COPY**


  
Christopher A. Battles

DATE: 5/26/2010

STATE OF Connecticut )

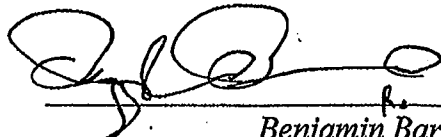
COUNTY OF Fairfield )

**BE IT REMEMBERED**, that on this 26<sup>th</sup> day of May, 2010, before me, a Notary Public, personally appeared Christopher A. Battles 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 the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

  
Notary Public  
Commission Expires  
4.30.2012



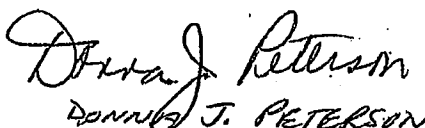
**COPY**

  
Benjamin Bartfeld

DATE: 23 June 2010

STATE OF New Jersey )  
COUNTY OF Passaic )

*BE IT REMEMBERED*, that on this 23<sup>rd</sup> day of June 2010, before me, a Notary Public, personally appeared Benjamin R. Bartfeld 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 the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

  
DONNA J. PETERSON  
my Commission Expires July 19, 2011

**COPY**

Greg Hires

Gregory R. Hires

DATE: 5/26/10

STATE OF Connecticut )

COUNTY OF Fairfield )

**BE IT REMEMBERED**, that on this 26<sup>th</sup> day of May 2010, before me, a Notary Public, personally appeared Gregory R. Hires, 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 the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Richard D. Foster

Notary Public  
Commission Expires  
4-30-2012