

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5428972

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMMON DAVID LENTZ	02/13/2019
BRENT D. LUDWIG	03/18/2019
ADAM STEEL	02/13/2019
MING-HSIUNG YEH	02/15/2019
<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>	16325617
<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>Email:</b>	pto@bciplaw.com
<b>Correspondent Name:</b>	BOTOS CHURCHILL IP LAW LLP
<b>Address Line 1:</b>	430 MOUNTAIN AVENUE, SUITE 401
<b>Address Line 4:</b>	NEW PROVIDENCE, NEW JERSEY 07974
<b>ATTORNEY DOCKET NUMBER:</b>	BECTON 3.3F-282 (2135)
<b>NAME OF SUBMITTER:</b>	AVA MARIE FELA
<b>SIGNATURE:</b>	/Ava Marie Fela/
<b>DATE SIGNED:</b>	03/19/2019
<b>Total Attachments: 6</b>	
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ASSIGNMENT

Application No.: 16/325,617  
Application No.: PCT/US2017/047487  
Application No.: 62/377,246

Filing Date: February 14, 2019  
Filing Date: August 18, 2017  
Filing Date: August 19, 2016

*WHEREAS, Ammon David Lentz, residing at 2741 Heather Drive, York, PA 17402, Brent D. Ludwig, residing at 15833 W 158th Street, Olathe, KS 66062, Adam Steel, residing at 1914 Coachman Court, Fallston, MD 21047, Ming-Hsiung Yeh, residing at 17 Old Farm Lane, New Freedom, PA 17349, are citizens of the United States of America (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:*

**ADAPTER ASSEMBLY FOR ATTACHMENT TO A BOTTLE**

*WHEREAS, BECTON DICKINSON AND COMPANY, a corporation 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 or contractual obligations to Assignee at the time the invention was made, and other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and do 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, provisionals, conversions of provisionals 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*

*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 assigned, 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 them 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 hands and seals on the dates subscribed below.*

  
Ammon David Lentz

DATE: FEBRUARY 13, 2019

STATE OF Maryland

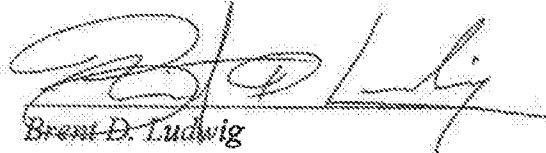
COUNTY OF Baltimore ss:

*BE IT REMEMBERED, that on this 13 day of February, 2019, before me, a Notary Public, personally appeared Ammon David Lentz, 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  
My Commission Expires:

Sharon J. Gilbert, Notary Public  
Baltimore County, Maryland  
My Commission Expires 8/10/2019


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

  
Brent D. Ludwig

DATE: 3/18/19

STATE OF Kansas  
COUNTY OF Johnson ss.

2019 **BE IT REMEMBERED**, that on this 18 day of March, before me, a Notary Public, personally appeared Brent D. Ludwig, 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  
My Commission Expires:

LISA M. SAUNDERS  
Notary Public  
State Of Kansas  
My Appt. Expires 03/07/2020

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

Adam Steel  
Adam Steel

DATE: 13 FEB 19

STATE OF Maryland )  
COUNTY OF Baltimore ) ss:

*BE IT REMEMBERED, that on this 13 day of February, 2019, before me, a Notary Public, personally appeared Adam 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  
My Commission Expires:

Sharon J. Gilbert, Notary Public  
Baltimore County, Maryland  
My Commission Expires 8/10/2019

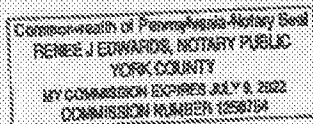
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

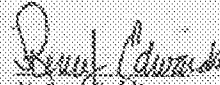
  
Ming-Hsiung Yeh

DATE: 02/15/2019

STATE OF Pennsylvania  
COUNTY OF York

BE IT REMEMBERED, that on this 15<sup>th</sup> day of February 2019, before me, a Notary Public, personally appeared Ming-Hsiung Yeh, 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  
My Commission Expires: