PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUDARSAN SRINIVASAN	10/29/2018
DAVID SCHIFF	09/26/2018
STEPHAN LAWSON	09/26/2018
AMIT LIMAYE	09/20/2018
MATTHEW ZUSCHLAG	09/26/2018
DONALD VANROYEN	09/26/2018

RECEIVING PARTY DATA

Name:	BECTON, DICKINSON AND COMPANY
Street Address:	ONE BECTON DRIVE
City:	FRANKLIN LAKES
State/Country:	NEW JERSEY
Postal Code:	07417

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62328697
Application Number:	16096964
Application Number:	17033859

CORRESPONDENCE DATA

Fax Number: (202)659-1559

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.

Phone: (202)457-0160

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Correspondent Name: GARRETT V. DAVIS

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Address Line 2: DICKINSON WRIGHT PLLC
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ATTORNEY DOCKET NUMBER:	066810-04543
NAME OF SUBMITTER:	GARRETT V. DAVIS
SIGNATURE:	/Garrett V. Davis/

507248742 PATENT REEL: 059694 FRAME: 0402

Total Attachments: 8
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PATENT REEL: 059694 FRAME: 0403

ASSIGNMENT

 Serial No.:
 PCT/US2017/029942
 Filed: April 27, 2017

 Serial No.:
 62/328,697
 Filed: April 28, 2016

 Serial No.:
 16/096,964
 Filed: October 26, 2018

WHEREAS, 1) Sudarsan SRINIVASAN, a citizen of the United States of America, residing at 41 Ireland Brook Drive, North Brunswick, New Jersey 08902; 2) David SCHIFF, a citizen of the United States of America, residing at 213 Valentine Street, Highland Park, New Jersey 08904; 3) Stephan LAWSON, a citizen of the United States of America, residing at 15 Glencoe Road, Upper Darby, Pennsylvania 17407; 4) Amit LIMAYE, a citizen of India, residing at 163 Algonquin Trail, Wayne, New Jersey 07470; 5) Matthew ZUSCHLAG, a citizen of the United States of America, residing at 72 Barbara Drive, Randolph, New Jersey 07869; 6) Donald VANROYEN, a citizen of the United States of America, residing at 834 Chestnut Street, Apt. 109, Philadelphia, Pennsylvania 19107 (hereinafter called "Assignor(s)"), have made certain new and useful inventions or discoveries relating to:

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for which an international patent application under the Patent Cooperation Treaty has been filed in the United States Receiving Office; and

WHEREAS, BECTON, DICKINSON AND COMPANY, a corporation of the State of New Jersey, whose address is One Becton Drive, Franklin Lakes, New Jersey 07417 (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 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 applications, whose identification above by serial numbers and filing dates, when available, is hereby authorized, and in and to said applications, all substitutions, divisions, provisionals, conversions of provisionals, continuations, continuations-in-part, and national stages 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

PATENT REEL: 059694 FRAME: 0404 Serial No.: PCT/US2017/029942 Filed: April 27, 2017

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.

Serial No. PCT/US2017/029942

Filed: April 27, 2017

II date subsc	N TESTIMON ribed below.	Y WHEREOF, Ass	ignor has hereunto se	at his/her hand and seal on the
			<u>d</u> /w	vv2
			Sudarsan SRIN	IVANSAN
			DATE: 2°	1 OCT 2018
STATE OF	?			
COUNTY	OF			
named in a known to h	ind who executed in the control of t	appeared <u>Sugarsan</u> ed the foregoing ins ents thereof, he/she	<u>SKINIVANSAN,</u> wi trument in my prese did acknowledge th	, 2018, before me, no I am satisfied is the person nce, and I having first made at he/she signed, sealed, and purposes therein expressed.
			Notary Public	

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Serial No.: PCT/US2017/029942 Filed: April 27, 2017.

IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.

David SCHIFF

DATE: 9/26/1

STATE OF Pennsylvania COUNTY OF Philadelphia

BE IT REMEMBERED, That on this Zota day of September, 2018, before me, a Notary Public, personally appeared David SCHIFF, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I 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.

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL

Takiyah N. Felder, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Dec. 27, 2020 MEMBER, PENNSYLVANIAASSOCIATION OF NOTABLES

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Serial No.: PCT/US2017/029942 Filed: April 27, 2017

IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.

Stephan LAWSON

date:<u>9/24//8</u>

STATE OF Pennsylvania COUNTY OF Philadelphia

BE IT REMEMBERED, That on this _______ day of ________, 2018, before me, a Notary Public, personally appeared <u>Stephan LAWSON</u>, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I 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.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Takiyah N. Felder, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Dec. 27, 2020

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Serial No.: PCT/US2017/029942

Filed: April 27, 2017

IN TESTIMONY V	VHEREOF, Assignor has hereunto set his/her hand and seal on the
date subscribed below.	
	Amit LIMAYE

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STATE OF NEW JUSSEY COUNTY OF BOJEN

BE IT REMEMBERED, That on this day of day of 2018, before me, a Notary Public, personally appeared Amit LIMAYE, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I 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

CHRISTINE PASQUARIELLO

NOTARY PUBLIC

STATE OF NEW JERSEY

MY COMMISSION EXPIRES AUGUST 18, 2019

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

Serial No.: PCT/US2017/029942 Filed: April 27, 2017

IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.

Donald VANROYEN

DATE: 9/24/18

STATE OF Pennsylvania. COUNTY OF Philadelphia

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Takiyah N. Felder, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Dec. 27, 2020 MENSER, PENNSYLVANIAASSOCIATION OF NOTANIES

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